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

Wilmington Urban Area Metropolitan Planning Organization
Board
Meeting Agenda

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: October 24, 2018
SUBJECT: October 31st meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, October 31st at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

1) Call to Order
2) Conflict of Interest Statement
3) Approval of Board Member Excused Absences
4) Approval of the Agenda
5) Public Comment Period
6) Presentation
    a. College Road Improvement Projects- Chad Kimes, NCDOT
    b. US 74 and US 17/US 421 Interchange Improvements- Chad Kimes, NCDOT
7) Consent Agenda
    a. Approval of Board Meeting Minutes- August 29, 2018 (p. 4-8)
    b. Resolution authorizing the Chairman to enter into the FY 18-19 Section 5303 Agreement between the Wilmington Urban Area Metropolitan Planning Organization, City of Wilmington and Cape Fear Public Transportation Authority (p. 9-16)
    c. Resolution accepting donations for the Go Coast 2018 Commuter Challenge (p. 17-18)
    d. Resolution endorsing the creation of the Wilmington Urban Area Metropolitan Planning Organization's Go Coast Commuter Friendly Employer Program (p. 19-21)
    e. Resolution authorizing the Wilmington Urban Area Metropolitan Planning Organization to apply for NCDOT FY 2020 Transportation Demand Management Funding and provide the required local match (p. 22-23)
    f. Resolution approving 2018-2027 STIP/MPO TIP Amendments # 18-4 (p. 24-25)

g. Opening of the 30-day public comment period for the 2018-2027 STIP/MPO TIP Amendments # 18-5 (p. 26)

8) Regular Agenda
   a. Resolution supporting the North Carolina Department of Transportation's recommendation for the Free Flow design for College Road from Gordon Road to New Centre Drive, a Tight Urban Diamond interchange at the Martin Luther King Jr. Parkway and College Road, and access management improvements between New Centre Drive and Carolina Beach Road as the preferred alternative for the College Road improvements (p. 27-28)
   b. Resolution supporting the North Carolina Department of Transportation's recommendation for the at-grade Quadrant as the preferred alternative for the intersection improvements at College Road and Oleander Drive (p. 29-30)
   c. Resolution supporting the North Carolina Department of Transportation's recommendation for the Continuous Flow Intersection as the preferred alternative for the intersection improvements at College Road and Carolina Beach Road (p. 31)
   d. Resolution supporting the North Carolina Department of Transportation's recommendation for the Trumpet interchange as the preferred alternative for the US 74 and US 17/US 421 Interchange Improvements (p. 32)
   e. Opening of a 14-day public comment period for the Wilmington Urban Area Metropolitan Planning Organization's Prioritization 5.0 Division Needs Local Input Point Assignment (p. 33-55)
9) Discussion
   a. Transportation Alternatives- Set Aside Direct Attributable Funds Call for Projects
   b. 2018-2027 STIP/MPO TIP Modifications # 18-8 (p. 56-57)
10) Updates
   a. Crossing over the Cape Fear River (p. 58)
   b. Wilmington Urban Area MPO (p. 59-65)
   c. Cape Fear Public Transportation Authority (p. 66-67)
   d. NCDOT Division (p. 68-77)
   e. NCDOT Transportation Planning Division (p. 78-79)
11) Announcements
   a. WMPO Bicycle and Pedestrian Advisory Committee- November 13th
12) Next meeting – November 28, 2018

Attachments

- Board Meeting Minutes- August 29, 2018
- Draft FY 18-19 Section 5303 Agreement
- Resolution authorizing the Chairman to enter into the FY 18-19 Section 5303 Agreement between the Wilmington Urban Area MPO, City of Wilmington and Cape Fear Public Transportation Authority
- 2018 Go Coast Commuter Challenge Sponsorship Memorandum
- Resolution accepting donations for the Go Coast 2018 Commuter Challenge
- Go Coast Commuter Friendly Employer Program Criteria
- Resolution endorsing the creation of the Wilmington Urban Area Metropolitan Planning Organization's Go Coast Commuter Friendly Employer Program
- Resolution authorizing the Wilmington Urban Area MPO to apply for NCDOT FY 2020 Transportation Demand Management Funding and provide the required local match
- Proposed 2018-2027 STIP/MPO TIP Amendments # 18-4
- Resolution approving 2018-2027 STIP/MPO TIP Amendments # 18-4
- Proposed 2018-2027 STIP/MPO TIP Amendments # 18-5
- Resolution supporting the North Carolina Department of Transportation's recommendation for the Free Flow design for College Road from Gordon Road to New Centre Drive, a Tight Urban Diamond interchange at the

Martin Luther King Jr. Parkway and College Road, and access management improvements between New Centre Drive and Carolina Beach Road as the preferred alternative for the College Road improvements

- Resolution supporting the North Carolina Department of Transportation's recommendation for the at-grade Quadrant as the preferred alternative for the intersection improvements at College Road and Oleander Drive
- Resolution supporting the North Carolina Department of Transportation's recommendation for the Continuous Flow Intersection as the preferred alternative for the intersection improvements at College Road and Carolina Beach Road
- Resolution supporting the North Carolina Department of Transportation's recommendation for the Trumpet interchange as the preferred alternative for the US 74 and US 17/US 421 Interchange Improvements
- Division Needs Tier Local Input Point Assignment Options and Memorandum
- Proposed 2018-2027 STIP/MPO TIP Modifications # 18-8
- Cape Fear River Crossing Update (October)
- Wilmington MPO Project Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Division Project Update (October)
- NCDOT Transportation Planning Division Project Update (October)

WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, August 29, 2018

Members Present
David Piepmeyer, Pender County
Brenda Bozeman, Town of Leland
Neil Anderson, City of Wilmington
Jonathan Barfield, Cape Fear Public Transportation Authority
LeAnn Pierce, Town of Carolina Beach
John Ellen, Town of Kure Beach
Skip Watkins, New Hanover County
Frank Williams, Brunswick County
Eulis Willis, Town of Navassa
Mike Alford, NC Board of Transportation

Others Present
Mike Kozlosky, Executive Director, WMPO
Karen Collette, NCDOT Highway Division 3

1. **Call to Order**
   Mr. Piepmeyer called the meeting to order at 3:01 p.m.

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

3. **Approval of Board Members' Excused Absences**
   Mr. Kozlosky stated that Steve Shuttleworth, Noreen Slattery, and Hank Miller have requested to be excused from today's meeting. Mr. Watkins made a motion to excuse the absences of Mr. Shuttleworth, Ms. Slattery, and Mr. Miller. Mr. Anderson seconded the motion, and it carried unanimously.

4. **Approval of the Agenda**
   Mr. Kozlosky stated that staff sent an e-mail yesterday requesting that the Board consider adding a discussion item to the agenda regarding a recommendation for a letter of support for the Piedmont-Atlantic Intermodal Rail System Project.

   Mr. Williams made a motion to approve the agenda as amended, seconded by Mr. Anderson, and the motion carried unanimously.

5. **Public Comment Period**
   Mr. Alvin Rogers spoke to the Board regarding the College Road Improvements Project. He expressed concerns that Kerr Avenue has been omitted from improvements, since the improvement of College Road would impact it as well.

   Ms. Laura Trivett, former president of the Carolina Place/Ardmore HOA, spoke to the Board and requested a HAWK beacon at the intersection of 21st and Market Streets. She expressed concerns regarding the current lack of safety in crossing the road at this location and read two e-mails from present and former residents expressing similar concerns.

   Ms. Lynn McIntyre spoke to the Board and expressed concerns regarding solar farms in the inner city. Mr. Piepmeyer advised her that this meeting is an inappropriate forum for the topic.

Mr. Kozlosky introduced Mike Alford, newly appointed representative of the NC Board of Transportation. Mr. Alford expressed appreciation and gave the Board a brief overview of his professional background.

Mr. Kozlosky also acknowledged the presence of two alternate members serving today: Councilmember LeAnn Pierce from the Town Carolina Beach and Mayor Brenda Bozeman, representing the
Town of Leland.

6. Presentation

a. Military Cutoff Road Extension – Kevin Bowen, NCDOT

Mr. Bowen gave an update on the Military Cutoff Road Extension Project. He displayed a map with ties to the US 17 Wilmington Bypass and alignment with the Hampstead Bypass coming in July of 2020. He noted that the Military Cutoff Road Extension is a $95.5 million project for six lanes of new location, which began in January of this year and is due for completion in four years (2021). He added that access will be full at two interchanges (Market Street and US 17 Wilmington Bypass) and some limited control of right turn accesses and directional crossovers at Putnam Drive, Lendire Road and Torchwood Boulevard.

Mr. Bowen stated that a typical six-lane divided section from Market Street to one mile north of Torchwood will be curb and gutter with a raised grass median, and multi-use path and sidewalks. He noted that beyond one mile north of Torchwood towards the US 17 Wilmington Bypass, the typical section transitions to a shoulder with ditches. He gave a progress report on the project, which has been impacted somewhat by the weather. He added that 1.9 million cubic yards or 160,000 truckloads of excavated dirt from the north side will be expedited by a conveyor system bridging the Bypass rather than by truck. He noted that utility relocations have also been a challenge.

Mr. Watkins expressed concerns regarding the visibility of traffic to residential neighbors. He suggested that vegetation be used as a buffer.

Ms. Collette stated that residents seemed to have been satisfied with that suggestion.

Mr. Bowen commented that residents were allowed to add plantings to fill in some of the gaps. He displayed photos of the initial work on the project, and examples of a conveyor system similar to the one on site. Currently, a portable concrete barrier is in place to facilitate work on ramps. In addition, work is in progress to connect the multi-use path from Ogden Park Drive to Market Street and Lendire Road.

Mr. Watkins requested an update on improvements to Lendire Road to accommodate the additional traffic.

Mr. Piepmeyer inquired about drainage pertaining to the southern bypass. Mr. Bowen responded that the ponds will be edged with a rock embankment. He noted that DOT is working closely with the developer, who is bringing the ponds to a standard to meet their permitting requirements. He added that drainage from the project is being handled independently from the ponds.

Mr. Barfield inquired about the anticipated Level of Service (LOS) for Market Street. Mr. Bowen responded that he will forward that information when he has access to it.

Mr. Bowen stated that the missing gap in the multi-use path is anticipated to be filled by a shared utility easement. He noted that DOT is in negotiations with the contractor, Balfour Beatty, to haul most of the dirt now in order to avoid conflicts with work on the Hampstead Bypass, Section A, which overlaps this project.

Mr. Bowen gave a brief update on the Cape Fear Memorial Bridge HVB (High Value Bridge) Project. He reported that the project is on schedule. He noted that the Port expressed concerns regarding traffic congestion and safety of the anticipated two-week full bridge closure and planned detour of 22,000 to 23,000 trucks per month to Martin Luther King Jr. Boulevard, College Road, and Oleander Drive to the Port. Although completion will take longer, the work will be done instead during 24 nightly closures (9:00 p.m.-5:00 a.m., Sunday through Thursday, plus two full weekend closures) within a 50-day window starting September 18th. He added that the contractor (PCL) is not anticipated to take all of the additional 42 allowable bridge closures included in the contract. He noted that traffic will have to contend with a rough surface from milling.

In response to an inquiry by Mr. Williams, Mr. Bowen stated that DOT will distribute a press release regarding closures.

7. <u>Consent Agenda</u>

a. <u>Approval of Board Meeting Minutes – July 25, 2018</u>

b. <u>Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-7</u>

c. <u>Resolution approving 2018-2027 STIP/MPO TIP Administrative Amendment #18-3</u>

d. <u>Opening of the 30-day Public Comment Period for 2018-2027 STIP/MPO TIP Amendment #18-4</u>

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

8. <u>Regular Agenda</u>

a. <u>Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee's Draft Model Bike Parking Ordinance</u>

Ms. Lorenzo stated that a draft model bicycle parking ordinance has been included in the agenda packet. She noted that it was developed by the Bicycle and Pedestrian Advisory Committee (BPAC) with the help of staff over the course of several months. She added that the model ordinance is intended as a fully adaptable resource for any jurisdiction interested in amending its code to include bicycle parking standards.

Ms. Lorenzo stated that the ordinance is designed to accommodate all jurisdictions, from urban to rural (less populated ones). She noted that feedback from members of the Technical Coordinating Committee (TCC) has been incorporated into the draft. She added that both committees (TCC and BPAC) voted in favor of recommending this ordinance to the Board for approval. A question/answer and discussion period was held.

Mr. Barfield made a motion to approve the Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee's Draft Model Bike Parking Ordinance. Mr. Anderson seconded the motion, and it carried unanimously.

b. Resolution amending the Board's adopted 2018 meeting calendar for the September meeting

Mr. Piepmeyer stated that he requested this item to change the date of the Board's September meeting to September 18th.

Mr. Kozlosky reminded the Board that staff requested to change the September 26th meeting due to several conflicts. He noted that a poll was conducted and a quorum was ascertained; although, several representatives are unable to attend the alternate date.

Mr. Ellen made a motion to approve the Resolution amending the Board's adopted 2018 meeting calendar for the September meeting. Mr. Williams seconded the motion, and it carried unanimously.

9. Discussion

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

Ms. Lorenzo gave an update on preliminary public comment results and project submittals for the Cape Fear Moving Forward 2045 Metropolitan Transportation Plan (MTP). She stated that the public outreach phase that started April 3rd just ended July 31st. She noted that staff attended 26 events and gave presentations over the last four months. She added that outreach included numerous newspaper articles and advertisements, WECT interviews and web ads, a social media meme campaign, and promotional partnerships with member jurisdictions, libraries, Wave Transit, billboards, environmental justice communities, and local universities.

Ms. Lorenzo stated that the online survey that opened on March 30th, closed July 31st with 2,287 responses. She added that the online mapping tool received 1,905 hits, 593 comments and 4,554 votes on comments, for a combined total of 7,404 responses. She noted that staff is in the process of sifting through the results to provide a full presentation on results in the fall. In addition, staff is also in the process of creating preliminary project lists to be considered by the modal subcommittees. She expressed appreciation to member jurisdictions their efforts in promoting public outreach.

b. 2018 Omnibus Funding

Ms. Kimes stated that the MPO was awarded additional FY 2018 Omnibus funds, which will be unable to be used due to a strict timeline and scope of use. She noted that Ray McIntyre of NCDOT recommended that the funds be used on the Kerr Avenue U-3338C Project for a bridge structure in exchange for less restrictive funds.

Following further consideration, Mr. Anderson made a motion to proceed with the recommendation, seconded by Mr. Watkins and the motion carried unanimously.

c. Letter of Support for the Piedmont-Atlantic Intermodal Rail System Project

Mr. Kozlosky stated that the MPO received a request from NCDOT to support the Consolidated Rail Infrastructure and Safety Improvement Program Grant to the Federal Rail Administration for the Piedmont-Atlantic Intermodal Rail System Project. He noted that this is a regional project with improvements in Union County, Anson County and the City of Wilmington. He added that the project in the City of Wilmington would be to upgrade the beltline.

Mr. Kozlosky reminded members that the Board in June supported a resolution requesting that NCDOT accelerate the beltline improvements. He noted that the project was funded in the Statewide Mobility Tier of the prioritization process for right-of-way in 2025 and construction in 2027. He added that the Ports, this Board and DOT all desire to accelerate the project. He explained that the department requested a letter from the Board to support the grant application to the Federal Rail Administration. (A sample letter was distributed earlier to the Board members.)

Following further discussion, Mr. Williams made a motion to approve the letter of support, seconded by Mr. Barfield and the motion carried unanimously.

Mr. Piepmeyer stated that this project would have no negative impact on any other project.

9. Updates

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

10. Announcements

- WMPO Bicycle and Pedestrian Advisory Committee – September 11th

Mr. Kozlosky stated that DOT has a call for 2019 Bicycle and Pedestrian Planning Grants, which is due November 2nd. He noted that the grant application requires a resolution of support from the MPO Board. He requested that any interested jurisdiction notify the MPO by October 1st in order to include an item on the agenda of the October Board meeting.

Mr. Kozlosky introduced NCDOT Division Planning Engineer Catlin Marks, who replaced Alan Pytcher. Ms. Marks expressed appreciation and gave a brief overview of her professional background.

Mr. Kozlosky stated that copies of the MPO Annual Report have been distributed to Board members. He also noted that NCDOT will release the Regional Tier of projects tomorrow.

Mr. Piepmeyer reminded members that the next MPO Board meeting will be held on September 18th. He requested that a reminder be sent to members.

Mr. Kozlosky stated that an update on the College Road improvements will be given at the Board's October meeting instead of its September meeting.

11. Adjournment

With no further business, the meeting was adjourned at 3:54 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

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

STATE OF NORTH CAROLINA

COUNTY OF NEW HANOVER

FY 2018-2019 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT AGREEMENT FOR THE WILMINGTON URBANIZED AREA

THIS AGREEMENT made and entered into this ____ day of _____, 2018 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a "Wave Transit", a North Carolina public transportation authority.

W I T N E S S E T H

WHEREAS, by joint resolution the City of Wilmington and New Hanover County established the "Cape Fear Public Transportation Authority" (hereinafter referred to as "Wave") to provide public transportation services within the area designated as the Wilmington Urbanized Area (hereinafter referred to as "UZA"), effective July 1, 2004, in recognition of the fact that some traffic and transportation concerns of each entity are the same without regard for any jurisdictional boundary; and

WHEREAS, pursuant to, and in compliance with, 23 C.F.R. § 450.306, the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as "MPO") was designated as the policy body for cooperative transportation decision making in the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the MPO; and

WHEREAS, on November 18, 2015, the MPO, which includes the City of Wilmington,

New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the "Cape Fear Transportation 2040" which affects the UZA; and

WHEREAS, Wave is the provider of public transportation services in the UZA; and

WHEREAS, on June 22, 2005, the Secretary of Transportation for the State of North Carolina, with authority vested by the Governor of the State of North Carolina, and in accordance with Title 49 of the United States Code § 5307(a)(2) and the Transportation Equity Act for the 21st Century, declared Wave to be a designated recipient of Federal Urbanized Area Formula Program funds for the UZA; and

WHEREAS, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 transit planning funds for the UZA; and

WHEREAS, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303, provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

WHEREAS, 23 C.F.R. § 450.314 requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, **in consideration of the mutually beneficial covenants of agreement between the parties hereinafter expressed in enumerated terms, the adequacy and sufficiency of which of hereby acknowledged by each as valuable consideration the City of Wilmington on behalf of the MPO and Wave agree as follows:**

1. **<u>Cooperation.</u>** The MPO and Wave shall cooperate in long range planning for the

provision of public transportation services in the UZA, including the Metropolitan Transportation Improvement Program (hereinafter referred to as "MTIP"). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MTIP as adopted by the MPO. MTIP is in accordance with the State Transportation Improvement Program, and is periodically amended as the State Transportation Improvement Program is updated.

2. **Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision making process. The parties shall insure that projects in the public transportation service portion of the MTIP are included in the planning process.

3. **Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line item allocation shown on the MPO's budget which is known as the Unified Planning Work Program.

4. **Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington's funds, except those held for the MPO. No funds paid under this agreement shall exceed $56,000.

5. **Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.

6. **Termination.** This Agreement shall terminate as a result of the loss of Federal and/or State funding for public transportation services for the UZA. Additionally, any

party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said "Notice of Termination" shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.

8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

IN WITNESS WHEREOF, the due execution in agreement by parties hereto as evidenced by the hereafter affixed signatures.

(This space is left intentionally blank)

CITY OF WILMINGTON

_____
Bill Saffo, Mayor

ATTEST:

_____
Penelope Spicer-Sidbury, City Clerk [SEAL]

Approved as to form:

_____
John Joye, City Attorney

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public of _____ County, North Carolina, certify that Penelope Spicer-Sidbury personally came before me this day and acknowledged that she is City Clerk of the City of Wilmington, and that by authority duly given and as the act of the Council, the foregoing instrument was signed in its name by its Mayor, sealed with its corporate seal and attested by herself as its City Clerk.

WITNESS my hand and official seal, this _____ day of _____, 2018.

_____
Notary Public

My commission expires: _____

CERTIFICATION

This instrument has been preaudited in the manner required by The Local Government Budget and Fiscal Control Act.

This ___ day of _____, 20____.

_____
Jennifer Maready, City Finance Officer

Project Number: ___MP1819_____ (if applicable)
Account Number: ___021-2753-442.31-60
Amount of Contract: $__Not to Exceed56,000
Federal ID Number: ____56_6000239_____

WILMINGTON URBAN AREA METRO PLANNING ORGANIZATION,
by and through its Board

By: _____
Honorable David Piepmeyer, Chair

Attest: _____
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public in and for the State and County aforesaid, certify that Mike Kozlosky came before me this day and acknowledged that he is the Secretary of the **Board of the Wilmington Urban Area Metropolitan Planning Organization**, and that by authority duly given and as the act of the Organization, the foregoing instrument was signed in its name by its Chairman and attested by himself as its Secretary.

WITNESS my hand and official seal, this ___ day of _____, 2018.

_____ (Seal)
Notary Public
My commission expires: _____.

CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY d/b/a/ Wave Transit

By: _____
Chairman

Attest: _____
Secretary

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, _____, a Notary Public in and for the State and County aforesaid, certify that _____ personally came before me this day and acknowledged that s/he is the Secretary of the **Cape Fear Public Transportation Authority d/b/a Wave Transit**, and that by authority duly given and as the act of the Authority, the foregoing instrument was signed in its name by its Chairman, sealed with its seal and attested by herself as its Secretary.

Witness my hand and official seal, this the ____ day of _____, 2018.

_____ (Seal)
Notary Public
My Commission Expires: _____.

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

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 18-19 SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITES

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

WHEREAS, in accordance with 23 CFR § 450.306, the Wilmington Urban Area Metropolitan Planning Organization was designated as the policy body for cooperative transportation decision making in the Wilmington Urbanized Area (UZA); and

WHEREAS, the City of Wilmington and New Hanover County recognized that traffic and transportation concerns are shared between jurisdictions regardless of jurisdictional boundaries and effective July 1, 2004 established the Cape Fear Public Transportation Authority to provide public transportation services within the UZA; and

WHEREAS, the Cape Fear Public Transportation Authority is the provider of public transportation services in the UZA; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is the recipient of Federal Transit Authority 49 CFR § 5303 transit planning funds for the UZA; and

WHEREAS, the City of Wilmington serves as the Lead Planning Agency for the Wilmington Urban Area Metropolitan Planning Organization; and

WHEREAS, 23 CFR § 4510.314 requires an agreement between the Cape Fear Public Transportation Authority and the Wilmington Urban Area Metropolitan Planning Organization specifying cooperative procedures for carrying out transportation planning and programming.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement for FY 18-19 with the Cape Fear Public Transportation Authority and City of Wilmington for the MPO to provide Section 5303 funding to the Authority to complete public transportation planning activities within the MPO's Urbanized Area boundary.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 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: October 8, 2018

Subject: Sponsorship for the 2018 Go Coast Commuter Challenge

The Go Coast Program is hosting 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 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 held 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 October 31, 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 retract 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

<u>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:</u>

- 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, 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 October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION AUTHORIZING THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION TO APPLY FOR FY2020 TRANSPORTATION DEMAND MANGEMENT PROGRAM (TDM) FUNDING AND PROVIDE THE REQUIRED LOCAL MATCH

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, Article 2B of Chapter 136 of the North Carolina General Statutes and the Governor of North Carolina have designated the North Carolina Department of Transportation (NCDOT) as the agency responsible for administering federal and state public transportation funds; and

WHEREAS, the North Carolina Department of Transportation will apply for a grant from the US Department of Transportation, Federal Transit Administration and receives funds from the North Carolina General Assembly to provide assistance for rural public transportation projects; and

WHEREAS, the purpose of these transportation funds is to provide grant monies to local agencies for the provision of rural, small urban, and urban public transportation services consistent with the policy requirements of each funding source for planning, community and agency involvement, service design, service alternatives, training and conference participation, reporting and other requirements (drug and alcohol testing policy and program, disadvantaged business enterprise program, and fully allocated costs analysis); and

WHEREAS, the funds applied for may be Administrative, Operating, Planning, or Capital funds and will have different percentages of federal, state, and local funds; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization hereby assures and certifies that it will provide the required local matching funds; that its staff has the technical capacity to implement and manage the project, prepare required reports, obtain required training, attend meetings and conferences; and agrees to comply with the federal and state statues, regulations, executive orders, Section 5333 (b) Warranty, and all administrative requirements related to the applications made to and grants received from the Federal Transit Administration, as well as the provisions of Section 1001 of Title 18, U. S. C.; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization will provide all annual certifications and assurances to the State of North Carolina required for the project; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization was awarded Fiscal Years 16, 17, 18 and 19 Transportation Demand Management grants; and

WHEREAS, in an effort to continue the program, the Wilmington Urban Area Metropolitan Planning Organization must apply annually for these grant funds.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Executive Director to submit grant application (s) for federal and state funding in response to NCDOT's calls for projects, make the necessary assurances and certifications and be empowered to enter into an agreement with the NCDOT to provide rural, small urban, and urban public transportation services.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

A motion was made by _____ and seconded by _____ for the adoption of the resolution, and upon being put to a vote was duly adopted.

Seal Subscribed and sworn to me
(*date*) _____

_____
Notary Public *****

_____

_____
Printed Name and Address

My commission expires
(*date*) _____

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Amendment # 18-4

(August 2018)

STIP #	TRANSIT PARTNER	DESCRIPTION	MATCH	FUND	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)	FY23 (000)	FY24 (000)	FY25 (000)	FY26 (000)	FY27 (000)
TG-6784 (FY18 commitment)	Cape Fear Public Transportation Authority	Preventive Maintenance	FUZ	STBGDA	251	350								
			Local	L	62	87.5								
TG-6700 (FY18 commitment)	Cape Fear Public Transportation Authority	ADA	FUZ	STBGDA	260	150								
			Local	L	65	37.5								
TD-4721	Cape Fear Public Transportation Authority	Intermodal Facility - Land, Planning, Design, & Construction	FUZ	STBGDA	1700									
			Local	L	425									

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING AMENDMENT #18-4 TO THE 2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the adopted 2018-2027 State/MPO Transportation Improvement Programs for Amendment #18-4; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2018-2027 State/MPO Transportation Improvement Programs for Amendment #18-4.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S RECOMMENDATION FOR THE FREE FLOW DESIGN BETWEEN GORDON ROAD AND NEW CENTRE DRIVE, A TIGHT URBAN DIAMOND INTERCHNAGE AT THE INTERSECTION OF THE MARTIN LUTHER KING JR. PARKWAY AND COLLEGE ROAD, AND ACCESS MANAGEMENT IMPROVEMENTS BETWEEN NEW CENTRE DRIVE AND CAROLINA BEACH ROAD AS THE PREFERRED ALTERNATIVE FOR THE COLLEGE ROAD IMPROVEMENTS

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 Board adopted the Cape Fear Transportation 2040 Plan on November 18, 2015; and

WHEREAS, the Cape Fear Transportation 2040 Plan identifies the widening of College Road from Gordon Road to Carolina Beach Road and College Road/MLK Parkway intersection improvements as fiscally constrained projects in the adopted plan; and

WHEREAS, these projects were submitted in the North Carolina Department of Transportation's Prioritization 4.0 process; and

WHEREAS, the projects were combined for planning purposes into the College Road improvements; and

WHEREAS, the projects (U-5702, U-5881 and U-5792) are funded in the adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS. the upgrade of College Road from Gordon Road to New Centre Drive is identified for funding for right of way acquisition in Fiscal Years 2022 and 2023 with construction in Fiscal Years 2024 and 2025 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, access management and travel time improvements for College Road from New Centre Drive to Carolina Beach Road is identified for funding for right of way acquisition in Fiscal Years 2022 and 2023 with construction in Fiscal Years 2024, 2025 and 2026 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, converting the at-grade intersection to an interchange at the Martin Luther King Jr. Parkway and College Road is identified for funding for right of way acquisition in Fiscal Year 2022 with construction in Fiscal Years 2024 and 2025 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, the North Carolina Department of Transportation evaluated several different alternatives for upgrading the corridor; and

WHEREAS, the North Carolina Department of Transportation held a public meeting on June 28, 2018 in which the Department presented these potential alternatives to the public; and

WHEREAS, based on the projected operations and environmental impacts, the Department recommends the free flow design from Gordon Road to New Centre Drive, a tight urban diamond interchange at the Martin Luther King Jr. Parkway and College Road, and access management improvements between New Centre Drive and Carolina Beach Road as the preferred alternative for the College Road improvements.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's recommendation for the free flow design for College Road from Gordon Road to New Centre Drive, a tight urban diamond interchange at the Martin Luther King Jr. Parkway and College Road, and access management improvements between New Centre Drive and Carolina Beach Road as the preferred alternative for the College Road improvements.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S RECOMMENDATION FOR AN AT-GRADE QUADRANT AS THE PREFERRED ALTERNATIVE AT COLLEGE ROAD AND OLEANDER DRIVE

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 Board adopted the Cape Fear Transportation 2040 Plan on November 18, 2015; and

WHEREAS, the Cape Fear Transportation 2040 Plan identifies the widening of College Road from Shipyard Boulevard to Wilshire Boulevard and intersection improvements at College Road and Oleander Drive as fiscally constrained projects in the adopted plan; and

WHEREAS, these projects were submitted in North Carolina Department of Transportation's Prioritization 4.0 process; and

WHEREAS, the projects were combined into the construction of an interchange at the intersection of College Road and Oleander Drive in the adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS. the construction of an interchange at College Road and Oleander Drive (U-5704) is identified for funding for right of way acquisition in Fiscal Years 2022 and 2023 with construction in Fiscal Years 2024 and 2025 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, the North Carolina Department of Transportation evaluated several potential at-grade and grade separated alternatives; and

WHEREAS, the North Carolina Department of Transportation held a public meeting on June 28, 2018 in which the Department presented 3 alternatives for intersection improvements at College Road and Oleander Drive; and

WHEREAS, based on the projected intersection level of service, lower construction and right-of-way costs, and reduced environmental impacts; the Department recommends the at-grade Quadrant design as the preferred alternative.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's recommendation for the at-grade Quadrant as the preferred alternative at the intersection of College Road and Oleander Drive.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S RECOMMENDATION FOR A CONTINUOUS FLOW INTERSECTION AS THE PREFERRED ALTERNATIVE AT COLLEGE ROAD AND CAROLINA BEACH ROAD

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 Board adopted the Cape Fear Transportation 2040 Plan on November 18, 2015; and

WHEREAS, the Cape Fear Transportation 2040 Plan identifies the Carolina Beach Road and College Road Flyover as fiscally constrained project in the adopted plan; and

WHEREAS, this project was submitted in North Carolina Department of Transportation's Prioritization 4.0 process; and

WHEREAS. the widening of Carolina Beach Road from College Road to Sanders Road and construction of an interchange at College Road and Carolina Beach Road (U-5790) is identified for funding for right of way acquisition in Fiscal Year 2022 with construction in Fiscal Year 2024 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, the North Carolina Department of Transportation evaluated 3 potential at-grade and grade separated alternatives; and

WHEREAS, the North Carolina Department of Transportation held a public meeting on June 28, 2018 in which the Department presented the Flyover and Continuous Flow Intersection designs as potential intersection improvements at College Road and Carolina Beach Road; and

WHEREAS, based on the projected intersection level of service, lower cost, and reduced environmental impacts, the Department recommends the Continuous Flow Intersection as the preferred alternative.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's recommendation for the Continuous Flow Intersection as the preferred alternative at the intersection of College Road and Carolina Beach Road.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S RECOMMENDATION OF THE TRUMPET INTERCHANGE AS THE PREFERRED ALTERNATIVE AT US 74 AND US 17/US 421

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 Board adopted the Cape Fear Transportation 2040 Plan on November 18, 2015; and

WHEREAS, the Cape Fear Transportation 2040 Plan identifies the construction of a flyover at the Isabel Holmes Bridge and US 17/US 421 as a fiscally constrained project in the adopted plan; and

WHEREAS, the project was submitted in North Carolina Department of Transportation's Prioritization 4.0 process; and

WHEREAS, the project is identified for funding for right of way acquisition in Fiscal Year 2020 and construction in Fiscal Years 2022, 2023 and 2024 in the current adopted 2018-2027 State/Metropolitan Transportation Improvement Programs; and

WHEREAS, the purpose of the project is to relieve traffic congestion; provide free-flow movements (where possible); reduce the number of conflicting movements; and improve travel time through the intersection; and

WHEREAS, the North Carolina Department of Transportation evaluated 9 potential at-grade and grade separated alternatives; and

WHEREAS, the North Carolina Department of Transportation held a public meeting on June 4, 2018 in which the Department presented 3 potential alternatives; and

WHEREAS, based on the findings of the analysis and in order to meet the purpose and need of the project, the Department recommends the construction of a Trumpet interchange at this location.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's recommendation for Trumpet interchange as the preferred alternative at the intersection of US 74 and US 17/US 421.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 31, 2018.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment Option 1

													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	
H171924	Highway	U-4738	Statewide Mobility	US 17 (Ocean Highway), US 74, US 421 (Carolina Beach Rd), US 117 (Shipyard Boulevard), US 17 BUS - Cape Fear Crossings	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. Includes	6 - Widen Existing Roadway and Construct Part on New Location	$ 1,152,000,000	63.82	40.18	30.84	80.84	100	100	25	100	405.84		*Points placed on H129646-A and H129646-B
T130053	Transit		Division Needs	Wilmington-Multimodal Facility - Phase 1B			This project will construct the upfit of Thomas Grocery bldg for retail/offices (Phase 1B), including office/meeting space (with a transportation purpose) for Wilmington Urban Area MPO. Upfit of Neuwirth bldg and	8 - Facility - Administrative	$ 132,728	N/A	N/A	15.29	65.29	100	100	100	0	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 (Maco 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 Option 1

													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
H171413	Highway		Division Needs	SR 2048 (Gordon Road)	US 17 (Market Street)	I-40	Widen Gordon Road to 4 lanes.	1 - Widen Existing Roadway	$ 72,200,000	N/A	N/A	30.14	80.14	100	100	0	0	280.14	100	
B141327	BikePed	EB-5765	Division Needs	NC132 N College Road Multi-Use Path	Northchase Parkway	Danny Pence Drive	Construct a multi-use path along North College Road from Northchase Parkway to Danny Pence Drive	2 - Off-Road/Separated Linear Bicycle Facility	$ 80,470	N/A	N/A	29.24	79.24	100	100	0	0	279.24	100	
H090713	Highway		Regional Impact	NC 133 (River Road)	US 17, US 74, US 76	SR 1599 (Jackeys Creek Lane)	Widen NC 133 (River Road) from the interchange at US17/74/76 to SR 1599 (Jackeys Creek	1 - Widen Existing Roadway	$ 52,300,000	N/A	28.73	25.12	75.12	100	100	0	0	275.12	100	
H110993	Highway	U-6080	Division Needs	SR 1175 (Kerr Avenue)	Patrick Avenue	SR 1411 (Wrightsville Avenue)	Widen Arterial from Two to Four Lanes with a Median	1 - Widen Existing Roadway	$ 21,700,000	N/A	N/A	25.08	75.08	100	100	0	0	275.08	100	
H170244	Highway		Regional Impact	NC 133 (River Road)	SR 1599 (Jackeys Creek Lane)	Rabon Way SE	Widen NC 133 (River Road) from SR 1599 (Jackeys Creek Lane) to Rabon Way SE	1 - Widen Existing Roadway	$ 26,500,000	N/A	22.09	18.51	68.51	100	100	0	0	268.51	100	
H170225	Highway		Division Needs	US 74 (Andrew Jackson Highway)	SR 1437 (Old Fayetteville Road)		Convert grade-separation to an interchange	9 - Convert Grade Separation to Interchange	$ 32,300,000	N/A	N/A	9.07	59.07	100	100	0	0	259.07	100	
R150127	Rail		Statewide Mobility	CSX SE Line			Construct rail across the Cape Fear River between the NC Port of Wilmington and Davis Yard.	Freight rail infrastructure improvement or construction	$ 752,000,000	24.36	20.00	16.10	66.10	0	50	25	100	241.10	100	
R140031	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	Freight rail infrastructure improvement or construction	$ 159,500,000	11.31	7.20	6.01	56.01	0	50	25	100	231.01	100	*Possible point share with CFRPO and ECRPO? 22% within WMPO area
R150529	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Wallace to Burgaw (phase 1), per Pender Co CTP project PEND0001-R	Freight rail infrastructure improvement or construction	$ 67,400,000	10.37	8.03	7.50	57.50	0	50	25	100	232.50		*Points placed on R140031

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment Option 1

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: 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 Pender Co CTP	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 Option 1

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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	100	0	0	191.69		
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	100	0	0	191.54		
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	100	0	0	190.67		
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	100	0	0	190.38		
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	100	0	0	189.81		

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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 Path 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		

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B150168	BikePed		Division Needs	Wilshire Boulevard Sidewalk	Kerr Avenue	MacMillan Avenue	Construct a sidewalk along Wilshire Boulevard from Kerr Avenue to MacMillan Avenue	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	82.12	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	77.31	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	77.10	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 Roadway on 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		

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H150013	Highway		Regional Impact	NC 210	SR 1002 (Island Creek Road)	US17	Widen NC210 to US17	16 - Modernize Roadway	$ 24,700,000	N/A	29.83	23.85	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	68.30	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	61.56	0	100	0	0	161.56		

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H141233	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 US74/76 Andrew Jackson Highway interchange	1 - Widen Existing Roadway	$ 22,800,000	N/A	N/A	9.33	59.33	0	100	0	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	0	159.14		
H090725	Highway		Division Needs	Magnolia Drive	SR1426 (Mount Misery Road)	SR1432 (Old Mill Road)	Constuct An Improved Facility and extension of Magnolia Drive Between Mt. Misery Road and Old Mill Road	5 - Construct Roadway on New Location	$ 15,700,000	N/A	N/A	7.80	57.80	0	100	0	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	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 Grousse 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		

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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 Taxilane	N/A	Construct a new hangar taxilane 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.	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	Close off open median crossovers with un-signalized superstreet design. Will tie into safety project in Columbus County off of US 74. (W-5601EV)	11 - Access Management	$ 32,000,000	62.72	40.28	28.44	78.44	0	0	0	0	78.44		
H171786	Highway		Division Needs	SR 1322 (Murrayville Road)	Murrayville Road	Military Cutoff Extention (New Route)	Murrayville Road Extension. To extend road to Military Cutoff Ext. in non C/A. At grade intersection.	5 - Construct Roadway on New Location	$ 3,600,000	N/A	N/A	25.78	75.78	0	0	0	0	75.78		

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R170043	Rail		Statewide Mobility	CSX AC Line			Restoration of the former Atlantic Coast Rail line from Malmo to the RJ Corman Carolina line in Whiteville. Conceptual study completed by NCDOT FS-1706A.	Freight rail infrastructure improvement or construction	$ 235,000,000	3.92	0.00	0.00	50.00	0	0	25	0	75.00		
R170434	Rail		Statewide Mobility	CSX AC Line			Restore the former Atlantic Coast Rail line from Malmo to the International Logistics Park near the Columbus/Brunswick County Line.	Freight rail infrastructure improvement or construction	$ 35,000,000	5.23	0.00	0.00	50.00	0	0	25	0	75.00		
B170287	BikePed		Division Needs	College Road and Wilshire Boulevard Intersection	College Road	Wilshire Blouevard	Construct a crosswalk at the intersection of College Road and Wilshire Boulevard.	8 - Multi-Site Pedestrian Facility (Pedestrian)	$ 66,540	N/A	N/A	24.70	74.70	0	100	100	0	274.70		*Completed
H172027	Highway		Statewide Mobility	US 17	SR 1402 (Porters Neck Road)	North to SR 1571 (Scotts Hill Loop Road)	Widening of US 17 from Porters Neck Road to Scotts Hill Loop Road. This project starts in New Hanover County, and ends in Pender County just over the county line to Scotts Hill Loop Road.	1 - Widen Existing Roadway	$ 28,600,000	49.95	28.40	19.54	69.54	0	0	0	0	69.54		
R171628	Rail		Regional Impact	NS H/CSX A/CSX SE			Construction and implementation of Southeastern North Carolina Passenger Rail Service. Service to run from Raleigh to Wilmington via Selma and Fayetteville using the NS H Line, CSX A Line, and CSX SE Line.	Passenger rail station improvement or construction	$ 750,000,000	N/A	27.68	19.11	69.11	0	0	0	0	69.11		*4% Within WMPO Boundary
A170926	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Runway 35 Wind Cone/PAPI Replacement	N/A	This project will be designed and constructed to replace the runway 35 wind cone due to its useful life. The PAPI's and powersupply unit (PSU) needs to be relocated outside the Runway Safety Area (RSA) per FAA Standards. Includes Project Request Number: 00003805	3005 - Other: Not otherwise defined in system plan objectives	$ 500,000	16.19	10.59	11.19	61.19	0	25	0	0	86.19		*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

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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	59.46	0	25	0	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	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

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment Option 2

													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		*Points removed from costliest projects per discussion with NCDOT 9/5/2018
H171924	Highway	U-4738	Statewide Mobility	US 17 (Ocean Highway), US 74, US 421 (Carolina Beach Rd), US 117 (Shipyard Boulevard), US 17 BUS - Cape Fear Crossings	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. Includes	6 - Widen Existing Roadway and Construct Part on New Location	$ 1,152,000,000	63.82	40.18	30.84	80.84	100	100	25	100	405.84		*Points placed on H129646-A and H129646-B
T130053	Transit		Division Needs	Wilmington-Multimodal Facility - Phase 1B			This project will construct the upfit of Thomas Grocery bldg for retail/offices (Phase 1B), including office/meeting space (with a transportation purpose) for Wilmington Urban Area MPO. Upfit of Neuwirth bldg and	8 - Facility - Administrative	$ 132,728	N/A	N/A	15.29	65.29	100	100	100	0	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		*Points placed on U-5863
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 (Maco 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		*Points removed from costliest projects per discussion with NCDOT 9/5/2018

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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
H171413	Highway		Division Needs	SR 2048 (Gordon Road)	US 17 (Market Street)	I-40	Widen Gordon Road to 4 lanes.	1 - Widen Existing Roadway	$ 72,200,000	N/A	N/A	30.14	80.14	100	100	0	0	280.14	100	
B141327	BikePed	EB-5765	Division Needs	NC132 N College Road Multi-Use Path	Northchase Parkway	Danny Pence Drive	Construct a multi-use path along North College Road from Northchase Parkway to Danny Pence Drive	2 - Off-Road/Separated Linear Bicycle Facility	$ 80,470	N/A	N/A	29.24	79.24	100	100	0	0	279.24	100	
H090713	Highway		Regional Impact	NC 133 (River Road)	US 17, US 74, US 76	SR 1599 (Jackeys Creek Lane)	Widen NC 133 (River Road) from the interchange at US17/74/76 to SR 1599 (Jackeys Creek	1 - Widen Existing Roadway	$ 52,300,000	N/A	28.73	25.12	75.12	100	100	0	0	275.12	100	
H110993	Highway	U-6080	Division Needs	SR 1175 (Kerr Avenue)	Patrick Avenue	SR 1411 (Wrightsville Avenue)	Widen Arterial from Two to Four Lanes with a Median	1 - Widen Existing Roadway	$ 21,700,000	N/A	N/A	25.08	75.08	100	100	0	0	275.08	100	
H170244	Highway		Regional Impact	NC 133 (River Road)	SR 1599 (Jackeys Creek Lane)	Rabon Way SE	Widen NC 133 (River Road) from SR 1599 (Jackeys Creek Lane) to Rabon Way SE	1 - Widen Existing Roadway	$ 26,500,000	N/A	22.09	18.51	68.51	100	100	0	0	268.51	100	
H170225	Highway		Division Needs	US 74 (Andrew Jackson Highway)	SR 1437 (Old Fayetteville Road)		Convert grade-separation to an interchange	9 - Convert Grade Separation to Interchange	$ 32,300,000	N/A	N/A	9.07	59.07	100	100	0	0	259.07	100	
R150127	Rail		Statewide Mobility	CSX SE Line			Construct rail across the Cape Fear River between the NC Port of Wilmington and Davis Yard.	Freight rail infrastructure improvement or construction	$ 752,000,000	24.36	20.00	16.10	66.10	0	50	25	100	241.10		*Points removed from costliest projects per discussion with NCDOT 9/5/2018
R140031	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	Freight rail infrastructure improvement or construction	$ 159,500,000	11.31	7.20	6.01	56.01	0	50	25	100	231.01		*Points removed from costliest projects per discussion with NCDOT 9/5/2018
R150529	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Wallace to Burgaw (phase 1), per Pender Co CTP project PENDO001-R	Freight rail infrastructure improvement or construction	$ 67,400,000	10.37	8.03	7.50	57.50	0	50	25	100	232.50		*Points placed on R140031

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R150532	Rail		Statewide Mobility	CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Burgaw to the Castle Hayne (phase 2), per Pender Co CTP	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		

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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	100	0	0	191.69		
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	100	0	0	191.54		
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	100	0	0	190.67		
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	100	0	0	190.38		
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	100	0	0	189.81		

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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 Path 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		

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B150168	BikePed		Division Needs	Wilshire Boulevard Sidewalk	Kerr Avenue	MacMillan Avenue	Construct a sidewalk along Wilshire Boulevard from Kerr Avenue to MacMillan Avenue	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	100	*Point deviation based on conversation for collaboration with NCDOT Div 3 9/5/2018
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	82.12	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	77.31	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	77.10	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 Roadway on 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		

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H150013	Highway		Regional Impact	NC 210	SR 1002 (Island Creek Road)	US17	Widen NC210 to US17	16 - Modernize Roadway	$ 24,700,000	N/A	29.83	23.85	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	68.30	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	61.56	0	100	0	0	161.56		

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H141233	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 US74/76 Andrew Jackson Highway interchange	1 - Widen Existing Roadway	$ 22,800,000	N/A	N/A	9.33	59.33	0	100	0	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	0	159.14		
H090725	Highway		Division Needs	Magnolia Drive	SR1426 (Mount Misery Road)	SR1432 (Old Mill Road)	Constuct An Improved Facility and extension of Magnolia Drive Between Mt. Misery Road and Old Mill Road	5 - Construct Roadway on New Location	$ 15,700,000	N/A	N/A	7.80	57.80	0	100	0	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	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	100	*Point deviation based on conversation for collaboration with NCDOT Div 3 9/5/2018
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 Grousse 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	100	*Point deviation based on conversation for collaboration with NCDOT Div 3 9/5/2018. Confirm 20% match possible by NHC
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	100	*Point deviation based on conversation for collaboration with NCDOT Div 3 9/5/2018

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment Option 2

													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
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 Taxilane	N/A	Construct a new hangar taxilane 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.	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	Close off open median crossovers with un-signalized superstreet design. Will tie into safety project in Columbus County off of US 74. (W-5601EV)	11 - Access Management	$ 32,000,000	62.72	40.28	28.44	78.44	0	0	0	0	78.44		
H171786	Highway		Division Needs	SR 1322 (Murrayville Road)	Murrayville Road	Military Cutoff Extention (New Route)	Murrayville Road Extension. To extend road to Military Cutoff Ext. in non C/A. At grade intersection.	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 Option 2

													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
R170043	Rail		Statewide Mobility	CSX AC Line			Restoration of the former Atlantic Coast Rail line from Malmo to the RJ Corman Carolina line in Whiteville. Conceptual study completed by NCDOT FS-1706A.	Freight rail infrastructure improvement or construction	$ 235,000,000	3.92	0.00	0.00	50.00	0	0	25	0	75.00		
R170434	Rail		Statewide Mobility	CSX AC Line			Restore the former Atlantic Coast Rail line from Malmo to the International Logistics Park near the Columbus/Brunswick County Line.	Freight rail infrastructure improvement or construction	$ 35,000,000	5.23	0.00	0.00	50.00	0	0	25	0	75.00		
B170287	BikePed		Division Needs	College Road and Wilshire Boulevard Intersection	College Road	Wilshire Blouevard	Construct a crosswalk at the intersection of College Road and Wilshire Boulevard.	8 - Multi-Site Pedestrian Facility (Pedestrian)	$ 66,540	N/A	N/A	24.70	74.70	0	100	100	0	274.70		*Completed
H172027	Highway		Statewide Mobility	US 17	SR 1402 (Porters Neck Road)	North to SR 1571 (Scotts Hill Loop Road)	Widening of US 17 from Porters Neck Road to Scotts Hill Loop Road. This project starts in New Hanover County, and ends in Pender County just over the county line to Scotts Hill Loop Road.	1 - Widen Existing Roadway	$ 28,600,000	49.95	28.40	19.54	69.54	0	0	0	0	69.54		
R171628	Rail		Regional Impact	NS H/CSX A/CSX SE			Construction and implementation of Southeastern North Carolina Passenger Rail Service. Service to run from Raleigh to Wilmington via Selma and Fayetteville using the NS H Line, CSX A Line, and CSX SE Line.	Passenger rail station improvement or construction	$ 750,000,000	N/A	27.68	19.11	69.11	0	0	0	0	69.11		*4% Within WMPO Boundary
A170926	Aviation		Statewide Mobility	ILM - Wilmington International Airport	ILM - Runway 35 Wind Cone/PAPI Replacement	N/A	This project will be designed and constructed to replace the runway 35 wind cone due to its useful life. The PAPI's and powersupply unit (PSU) needs to be relocated outside the Runway Safety Area (RSA) per FAA Standards. Includes Project Request Number: 00003805	3005 - Other: Not otherwise defined in system plan objectives	$ 500,000	16.19	10.59	11.19	61.19	0	25	0	0	86.19		*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

Prioritization 5.0 Draft Division Needs Projects -- Draft Point Assignment Option 2

													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	59.46	0	25	0	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	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

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MEMORANDUM

To: WMPO Board Members

From: Abby Lorenzo, Senior Transportation Planner

Date: October 22, 2018

Subject: WMPO Local Input Point Draft Point Assignment – Divisional Tier

WMPO staff has assigned the allotted 1500 local input points utilizing two methods described in this memo.

The first method, per the WMPO's adopted Local Input Point Methodology, is presented in the "Prioritization 5.0 Draft Division Needs Projects – Draft Point Assignment Option 1" spreadsheet.

The second method, presented in the "Prioritization 5.0 Draft Division Needs Projects – Draft Point Assignment Option 2", deviates from the WMPO's adopted Local Input Point Methodology by removing local input points from four of the costliest projects and reassigning these points to high scoring projects with a greater likelihood of being funded in the Divisional tier. This method is based on conversations by WMPO staff with NCDOT Division 3. These conversations included discussions on the Division's likely input point assignment, the likelihood of projects scoring well enough to be programmed if points were assigned, as well as the approximate available funds for project assignment within the Divisional tier. The deviation from the WMPO Local Input Point Methodology and collaboration of point assignment with NCDOT Division 3 may allow for more projects within the WMPO region to be programmed for funding in the Divisional tier.

WMPO staff recommends opening a 14-day public comment period for Option 2 of the local input point assignment for the Division Needs funding tier. The TCC recommended supporting a collaborative point assignment (Option 2) in an attempt to secure funding for more projects within the WMPO's boundary.

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

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

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

* 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

October 1, 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 September:

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 and right-of-way cost estimates are currently being revised.
- The Draft Environmental Impact Statement (DEIS) has been reviewed by the Attorney General's (AG) office and NCDOT technical disciplines. The DEIS is currently being reviewed by FHWA.
- The project team is revising the DEIS based on the AG's office and NCDOT comments.

Upcoming Activities

- The project team will revise the DEIS based on comments from FHWA once they are received.
- The project team will coordinate with the State Historic Preservation Office (SHPO) in October on effects to historic properties based on revised designs.
- A newsletter will be sent to notify citizens of the remaining alternatives under study once the project team has coordinated with the WMPO.
- Public hearing maps will be prepared for the Public Hearing, to be held after the DEIS is approved and distributed

Past Activities

- The Red-Cockaded Woodpecker Foraging Habitat Analysis was finalized on 9/26/18.
- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – "Bridging Decisions and Alignment Review" on 5/30/17; final concurrence on Concurrence Point 2A was received on 8/17/17.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section106 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
OCTOBER 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 winter 2018/2019. Draft goals and objectives are proposed to go before the CAC in November.
- 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 October. These existing conditions and future needs will be summarized and reported to the CAC in November.
- 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 includes 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: 1 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 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: 2 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 38 (7 new, 31 on-going)
- City of Wilmington Informal Reviews: 12 (5 new, 7 on-going)
- City of Wilmington Concept Reviews: 8 (5 new concept reviews- 3 on-going concept)
- COW Project Releases: 8 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 in Winter 2018

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
- McKim & Creed has submitted revised plans for review by the City
- 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
- McKim & Creed has submitted revised plans for review by the City
- 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 and the City is waiting on the final comments from NCDOT on the quantities
- 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
- Construction has started 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 comments have been sent to the Engineer and are being addressed
- 100% plans will be submitted and incorporate 90% plan comments
- Anticipated bid date of Winter 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

<u>TASA-DA</u>

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 bid package is currently in the City's Purchasing Division awaiting bid. 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 Fall 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 MPO finalized the Strategic Marketing Plan for the Goa Coast program. In addition, the WMPO is working with the City of Wilmington to implement a bike share program.

Next Steps:

- Increase social media presence for Go Coast program and initiatives
- Go Cost Commuter Challenge October 1-26
- Meeting with website developers to develop a Go Coast website
- 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 which will be presented to the Board in October
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Creating employer networks for carpool matching in STRNC
- 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
- Participate with the City of Wilmington committee for bike share implementation
- Currently negotiation on a contract with Zagster for a program in the City of Wilmington
- The City of Wilmington has formed committee to determine best process for controlling a scooter share if vendor came to Wilmington

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 October 25, 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 August 2018 the Authority provided 2,195 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

October 5, 2018

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

Project Update List for New Hanover County

Projects Under Construction - NHC

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).
Open to traffic on December 18, 2017.
Estimated Completion Date: December 2018 (inclusive of punch list and vegetation period)
Percent Complete: 98.81%

U-3338B — (Kerr Avenue Widening: C203772) Widening of Kerr Ave. from Randall Prkway 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: 79.37%

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: 15.15%

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 / settlement issues will need to be addressed
Anticipated Completion date: November 2018
Perent Complete: 99.76%

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 December 2018 *Delayed due to hurricane from October

B-4590: replace bridge #29 over Smith Creek on NC 133 (Old Castle Hayne Road)
Let Date April 2019

U-3338C: SR 1175 (Kerr Avenue) at US 74 (MLK Jr Pkwy) Construct interchange
Let Date December 2019 *May be delayed due to hurricane

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-5710A: US 74 (Eastwood Road) construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)
Let Date April 2020 *May be delayed due to hurricane

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210 **Selected in P5.0 Regional – fully funded**
Let September 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

U-5729: US 421 (Carolina Beach Road) from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway.
Let Date July 2021

U-5710: US 74 (Eastwood Road) convert at-grade intersection to an interchange at US 17 (Military Cutoff Road).
Let Date September 2021

U-5731: US 74 (US 17/US 421 in Wilmington) Construct a Fly-Over and Free Flow Ramp at interchange.
Let Date June 2022

U-5926: 23rd St Extension: New route from N 23rd St to N 26th St
Let Date June 2022

U-5863: NC 133 (Castle Hayne Rd) Widen to mulit-lanes from I-140/US17 to SR 1310 (Division Dr)

Let Date October 2022

U-5734: US 421 (South Front Street) Widen to mulit-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)
Let Date May 2023

U-5702A: NC 132 (College Rd) Access management and travel time improvements from SR 1272 (New Centre Drive) to US 117 (Shipyard Blvd)
Let Date June 2024

U-5704: NC 132 (College Rd) Access management and travel time improvements from Wilshire Blvd to US 117 (Shipyard Blvd) including Interchange with US 76 (Oleander Dr)
Let Date June 2024

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-5792: US 74 (MLK Jr Parkway) at NC 132 (College Rd) Convert at-grade intersection to interchange
Let Date June 2024

U-5954: NC 133 (Castle Hayne Rd) at 23rd St Construct Roundabout
Let Date June 2024

U-5881: NC 132 (College Rd) Upgrade Roadway from SR 2048 (Gordon Rd) to SR 1272 (New Centre Dr)
Let Date June 2024

U-4434: Independence Blvd Extension from Randall Parkway to MLK Jr Parkway
Let Date June 2025

U-6080: SR 1175 (Kerr Avenue) Widen from Patrick Avenue to SR 1411 (Wrightsville Avenue)
Let Date March 2027

U-6083: 23rd St Widen from US 74 (MLK JR PKWY) to NC 133 (Castle Hayne Rd)
Let Date March 2027

U-5702B: NC 132 (College Rd) Access management and travel time improvements from US 117 (Shipyard Blvd) to US 421 (Carolina Beach Rd)
Let Date January 2030

Resurfacing Contracts - NHC

2017 New Hanover County Resurfacing (Futch Creek: DC00172) various secondary roads
Completed on May 3, 2018
Percent Complete: 100%

I-5760 (I-140: C203868) resurface from I-40 to US 421 & reconstruction of bridge joints
Remaining work: Joints and pavement markers
Estimated Contract Completion Date: October 2018 *May be delayed due to Hurricane
Percent Complete: 93.5%

US 117/NC 132 S College Rd (C203888: W-5203AA, W-5601BB) from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)
Remaining work: Pavement markings and markers
Estimated Contract Completion Date: October 2018 *May be delayed due to hurricane
Percent Complete: 84.83%

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
Percent Complete: 25.5%

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: October 2018
Percent Complete: 99.82%

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: 98.81%

Project Development- Brunswick County

W-5703I: Hickman Rd at Ash-Little Rd Install Flashers
Construction By State Forces: October 2018

R-5021: NC 211 from NC 87 to NC 906 (Midway Road) widen to a 4-lane divided facility.
Let Date April 2019* May be delayed with hurricane

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-5703H: 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 December 2021

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 August 2024

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 sfety 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: 48.75%

Map 1: NC 130 (Whiteville Rd) from US 17 Bus to SR 1335
Map 2: NC 179 (Old Georgetown Rd) from 179 Bus to NC 904
Map 3: NC 904 (Longwood Rd) from SR 1321 to SR 1304
Map 4: NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904
Map 5: SR 1319 (Union School Rd) from SR 1316 to US 17
Map 6: SR 1504 (Clemmons Rd) from SR 1316 to US 17

Map 7: SR 1333 (Project Rd) from SR 1326 to end of Pavement
Map 8: SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326
Map 9: SR 1337 (Marlow Rd) from SR 1336 to SR 1333
Map 10: SR 1308 (Etheridge Rd) from SR 1300 to NC 904
Map 11: SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336
Map 12: SR 1356 (Marlowtown Rd) from 1302 to SR EOM
Map 13: SR 1301 (McLamb Rd) from SR 1300 to SC line
Map 14: SR 1316 (Old Shallotte Rd) from NC 904 to US 17
Map 15: SR 1155 (Goose Creek Rd) from NC 179 to SR 1143
Map 16: SR 1304 (Pea Landing Rd) from US 17 to NC 904
Map 17: SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304
Map 18: SR 1165 (Thomasboro Rd) from US 17 to SR 1164
Map 19: SR 1720 (Washington Rd) from US 17 Bus. To EOM
Map 20: SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM
Map 21: SR 1315 (Russtown Rd) from SR 1313 to NC 904
Map 22: SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway

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: February 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: February 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
   Let & Completion Date: February 2019

High Value Bridge Program – Brunswick County

Old Oak Island Bridge (Brunswick 14: C204185) NC133 Country Club Drive; Girder Repair
Estimated Completion Date: June 2019
Let May 2018

Holden Beach Bridge (Brunswick 71: C204200) NC130 Holden Beach Rd SW; Girder Repair
Let October 2018

Odell Williamson Bridge (Brunswick 13) NC904 Causeway Dr; 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: 89.08%

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. **Fully funded**
Let September 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 **Selected in P5.0 Regional – fully funded**
Let September 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. **Fully funded and will be built in conjunction with Hampstead Bypass projects.**
Let September 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: 84.59%

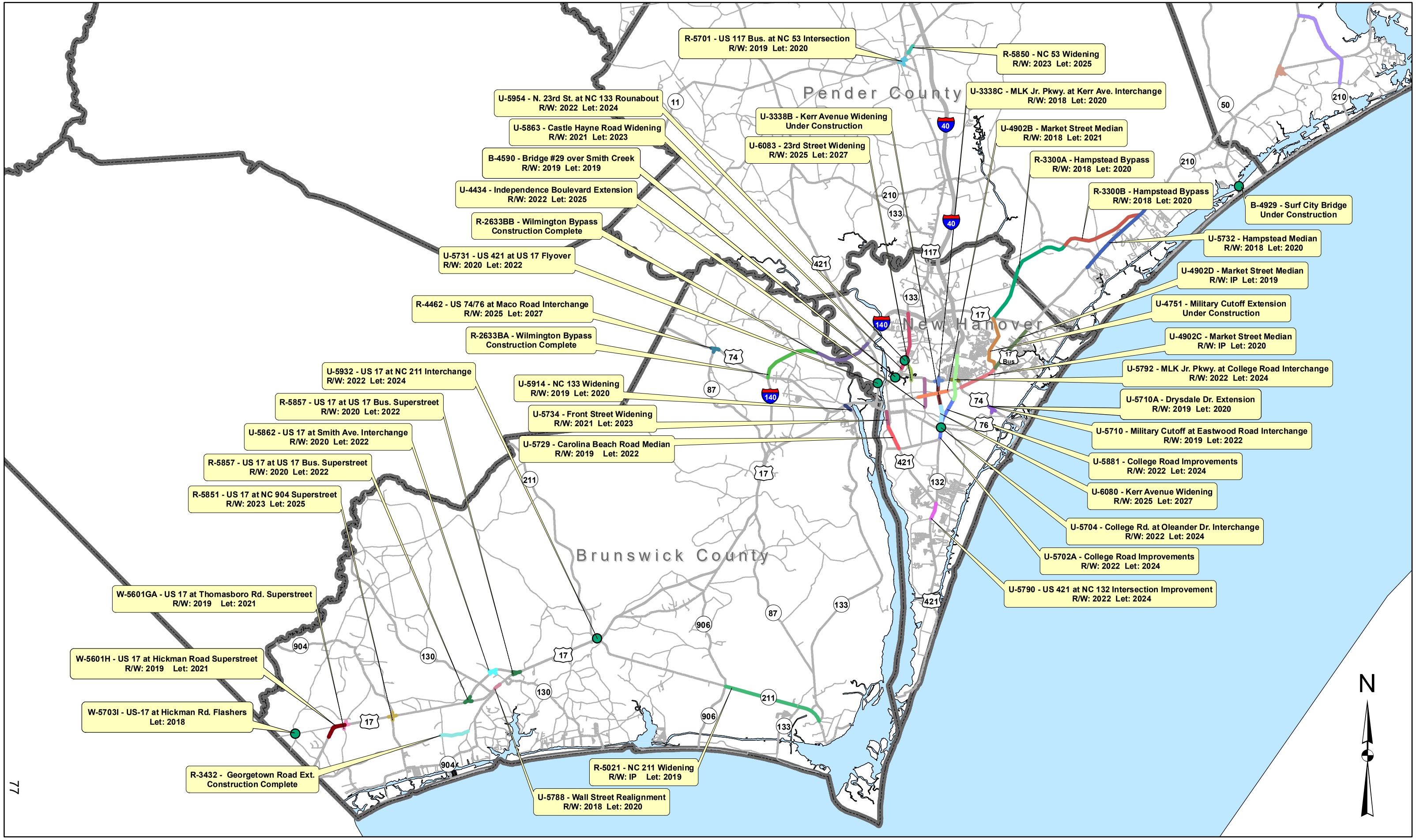
High Impact / Low Cost funded projects
New project funding source – Pender County

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 October 5, 2018.

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

NCDOT Projects



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 2018

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

OCTOBER TPD UPDATES WILMINGTON MPO

October 2018

Wilmington Model Update – Future Year Model will be completed end of November and documentation by end of December.

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 - Model FY is now anticipated to be completed end of November.

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 – Summary of pending items and deadlines:

1. PM2 and PM3 targets (pavement, bridge, and system performance):
    - NCDOT transmitted targets to FHWA on May 18, 2018.
    - MPO's have 180 days to support NCDOT's targets or establish their own (Nov. 14, 2018)
2. Data sharing agreements.
    - Recommend executing agreement as soon as possible.

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1554 MAIL SERVICE CENTER
RALEIGH NC 27699-1554

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Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

3. NCDOT submitted the required yearly safety targets on August 31, 2018.
    - MPO's have 180 days to support NCDOT's targets or establish their own (Feb 27, 2019).
    - Safety targets are a yearly process.

Statewide Plan: WSP has been issued a notice to proceed as of late August, so the NC 2050 Statewide Transportation Plan is now under way. The Statewide Plan is a policy based plan that will serve as a long-term investment blueprint for the state of North Carolina. As stakeholders, MPO/RPOs will be engaged throughout the process.

Corridor Studies: After establishing the Strategic Transportation Corridor (STC) network in 2015, the next step in implementation is the development of STC master plans, which are intended to establish a vision for each of the end-to-end corridors. Work began in early 2018 on the first two STC master plans, as follows:

- Bundle #1 has been assigned to Kimley-Horn and includes Corridor P (Future I-42/US 70E/ NCRR from I-440 in Wake County to Port at Morehead City), Corridor S (I-795/US 117 from I-95 in Wilson County to I-40 in Sampson County), and Corridor X (US 258/NC 11/US 13 from US 17 in Onslow County to US 64E in Edgecombe County)
- Bundle #2 has been assigned to Atkins, and includes Corridor U (US 74W/US 74E/I 74 from I-26 in Polk County to US 117 in Wilmington) and Corridor D (US 321/CSX from South Carolina state line to Tennessee state line).

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 has met once in August and will meet again in September.

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.

CTP Status Update: Refer to study site and project engineers for updates.

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