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

Technical Coordinating Committee
Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: September 3, 2019
SUBJECT: September 11th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, September 11, 2019 at 10 am. 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) Approval of the Agenda
3) Presentation
   a. Prioritization 5.0 Update- Caitlin Marks, NCDOT
4) Consent Agenda
   a. Approval of TCC Meeting Minutes- August 14, 2019
   b. Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization Rules of Procedure
   c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4
   d. Opening 30-day public comment period for the 2020-2029 State/MPO Transportation Improvement Programs
5) Regular Agenda
   a. Resolution endorsing the Fiscally Constrained Project Lists for inclusion in Cape Fear Moving Forward 2045
6) Discussion
   a. River to Sea Ride Cap
   b. Cape Fear Public Transportation Authority's request for FY 20 Surface Transportation Block Grant- Direct Attributable Funding
7) Updates
   a. Wilmington Urban Area MPO
   b. Cape Fear Public Transportation Authority
   c. NCDOT Division
   d. NCDOT Transportation Planning Division
8) Announcements

a. Bike/Pedestrian Committee Meeting- September 10th

9) Next meeting- October 16, 2019

Attachments:

- TCC Meeting Minutes- August 14, 2019
- Draft Wilmington Urban Area Metropolitan Planning Organization Board's Rules of Procedure
- Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization Rules of Procedure
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4
- 2020-2029 State/MPO Transportation Improvement Programs
- Cape Fear Moving Forward 2045 Red-line Analysis
- Resolution endorsing the Fiscally Constrained Project Lists for inclusion in Cape Fear Moving Forward 2045
- Cape Fear Public Transportation Authority's request for FY 20 Surface Transportation Block Grant- Direct Attributable Funding
- Wilmington Urban Area MPO Project Update (September)
- Cape Fear Public Transportation Authority Update (September)
- NCDOT Division Project Update (September)
- NCDOT Transportation Planning Division Project Update (September)

Wilmington Urban Area
Technical Coordinating Committee
Wednesday, August 14, 2019
Meeting Minutes

Members Present

Mike Kozlosky, Wilmington MPO
Don Bennett, City of Wilmington
Rebekah Roth, New Hanover County
Helen Bunch, Brunswick County
Stephanie Ayers, North Carolina State Ports Authority
Danielle Villegas, Town of Wrightsville Beach
Nick Cannon, Wilmington MPO
Jerry Haire, Town of Carolina Beach
Nancy Avery, Town of Kure Beach
Granseur Dick, Wilmington International Airport
Cheryl Page, Town of Belville
Ashli Barefoot, Town of Leland
Barnes Sutton, Town of Navassa
Travis Henley, Pender County
Allen Serkin, Cape Fear Council of Governments
Caitlin Marks, NCDOT Division of Highways
Nazia Sarder, NCDOT Planning
Megan Matheny, Cape Fear Public Transportation

1) **Call to Order**
Mr. Kozlosky called the meeting to order at 10:04 a.m.

2) **Approval of the Agenda**
Ms. Roth made a motion to approve the agenda as presented, seconded by Mr. Bennett, and the motion carried unanimously.

3) **Consent Agenda**
   a. **Approval of TCC Meeting Minutes – July 17, 2019**
   b. **Resolution approving FY 2019-2020 Unified Planning Work Program Amendment #2 for the Rail Trail Master Plan**
   c. **Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-3**
   d. **Opening 30-day public comment period for 2018-2027 STIP/MPO Transportation Improvement Program Amendment #19-4**

Mr. Bennett made a motion to approve the Consent Agenda, Item 3a through Item 3d, and to forward these items to the MPO Board for consideration. Ms. Bunch seconded the motion, and it carried unanimously.

4) **Discussion**
   a. **Wilmington Urban Area Metropolitan Planning Organization Board's Draft Rules of Procedure**
   Mr. Kozlosky stated that staff has crafted some draft rules of procedure for the Board to review and consider at its next meeting, in September.

   b. **Prioritization 6.0**
   Ms. Lorenzo gave a brief update on Prioritization 6.0, which has been delayed several times, most recently last week. She noted that the scoring criteria remains fairly consistent with Prioritization 5.0. The biggest change is the addition of modernization projects under the highway criteria. The window for Prioritization 6.0 will still open to October 1st; and will close May 1, 2020. She noted that staff

plans to meet with planning partners in early 2020 and will be available to answer any questions via e-mail.

c. **2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-4**
Mr. Kozlosky stated that this item is for informational purposes only, and will be brought back for consideration during the next meeting of the TCC.

d. **Revised Draft 2020-2029 State/MPO Transportation Improvement Program**
Mr. Kozlosky stated that NCDOT released the draft 2020-2029 State/MPO Transportation Improvement Program (STIP/MPO TIP) in January and the revised draft last week, which is included in the agenda packet. He noted that the Board of Transportation is anticipated to approve it at its September meeting. Following approval, the WMPO will conduct its approval process including a public hearing.

In response to an inquiry Ms. Ayers, Ms. Marks stated that NCDOT staff is preparing a presentation to the Board at its August 27th meeting regarding changes to the STIP. Ms. Ayers expressed concerns that her Board is meeting before then, on August 22nd.

Mr. Kozlosky pointed out that the *News & Observer* published an article recently regarding impacts to the STIP due to Map Act settlements and storm costs.

Ms. Marks pointed out that her update included in the current agenda packet is out of date. She encouraged members to attend the presentation at the next MPO Board meeting.

e. **Cape Fear Public Transportation Authority's request for FY 20 Surface Transportation Block Grant- Direct Attributable Funding**
Ms. Kimes stated that last month the Board agreed with staff's recommendations for awarding all of the projects as submitted for FY 20 Surface Transportation Block Grant- Direct Attributable Funding (STBGP) with the exception of the Rail-Trail Project, which might be funded through a separate mechanism. She noted that an additional call for STBGP funds will be made, and that projects would be aligned to make better use of the more restrictive Transportation Alternatives Set Aside (TASA) funding first. She added that the remaining balance of STBGP funds is about $1 million.

Ms. Kimes stated that Wave Transit has requested additional $100,000 this year, beyond its traditional annual request of $500,000. Last year, the TCC and the Board agreed that any additional funding would be brought back for consideration.

Ms. Kimes stated that STBGP funding is intended for the construction of projects rather than ADA compliance and maintenance expenses. She noted that staff compared best practices across the state for flexing funding to transit and found that the WMPO's 15% of total allocation exceeds all other communities except Durham (22%), which serves four separate agencies. She expressed concerns regarding increased competition for funding due to unanticipated project costs for at least seven projects (three for the City of Wilmington and four for the Town of Leland), which need to be completed within a 10-year time limit.

In response to an inquiry by Ms. Matheny, Ms. Kimes clarified that $1 million was earmarked for projects based on the known overages two years ago. She noted

that funds would need to come from the 2020 budget if the projects are bid in the fall; but could come from the 2021 budget if not under construction all at once.

In response to an inquiry by Ms. Bunch, Ms. Kimes stated that three additional projects (two for the Town of Belville, and one for the Town of Navassa) with older estimates from 2015 and 2016 are expected to need more funding as well. She pointed out that design would improve with experience, and that a pre-submission discussion is available to address concerns. She expressed a preference for completing obligated projects.

A question/answer and discussion period was held regarding the challenges.

Mr. Kozlosky summarized that the WMPO may have enough money this year; but that Wave should not depend on a particular percentage an annual basis as a funding source moving forward. Ms. Matheny responded that Wave does not count on this as a dedicated funding source.

Ms. Bunch express concerns that this funding would preclude new projects.

In response to an inquiry by Ms. Matheny, Ms. Kimes stated that the timing of this call for projects conflicted with budget preparation. She noted that the next call will not coincide with budget preparation.

Discussion resumed. Mr. Bennett pointed out that many municipalities are stretching capabilities to provide this type of design.

Ms. Kimes stated that federal funding requires adherence to state and federal guidelines, which may translate into setbacks that impact drainage and increase project costs significantly, sometimes by $500,000 to $1 million. She pointed out that towns are cautious and that the city is reassigning projects from Parks to Engineering.

Mr. Kozlosky stated that the Board indicated that it prefers to complete committed projects first. He noted that from a percentage standpoint, the WMPO provides the second highest amount to its transit agency, and a number of MPOs flex no DA money to transit. Although the DA program is a highway program, the WMPO chooses to flex some funds because it appreciates the importance of transit. He noted that the WMPO had anticipated flexing $500,000.

Further discussion continued on project cost estimates.

Ms. Matheny made a motion to approve the request as presented, seconded by Ms. Barefoot.

Mr. Bennett requested a breakdown of the request (operations versus capital expenditures). Ms. Matheny responded that none would go to bus shelters. However, Wave is able to capitalize some preventative maintenance. She noted that the funding will not fund an operational route. She added that she would need more time to provide a breakdown.

Mr. Bennett expressed a preference for one-time, capital expenditures – such as the purchase of buses.

Ms. Kimes stated that funding has been provided each year for the past five or six years in different amounts, as follows:

- FY13 - $160,000
- FY14 - $350,000
- FY15 - $350,000
- FY16 - $2.4 million for the multimodal center; $350,000 ADA and preventative maintenance; $75,000 to help with operations
- FY17 - $744,000 to purchase 2 buses; $510,778 preventative maintenance and ADA
- FY18 - $591,000 preventative maintenance and ADA
- FY19 - $1.7 million multimodal, and $500,000 ADA and preventative maintenance

Ms. Bunch reiterated her concerns regarding funding committed projects.

In response to an inquiry by Ms. Barefoot, Mr. Kozlosky stated that the WMPO could continue to provide funding this year. However, Wave should not consider it as an on-going, anticipated commitment without that direction from the Board. He added that the WMPO will ask Wave for a better accounting of how these funds are spent as it does with capital projects.

Ms. Matheny stated that this information is available.

Mr. Bennett spoke in favor of long-term improvements that increase sustainability.

Mr. Kozlosky reminded the committee that a motion is on the floor.

In response to an inquiry by Ms. Barefoot, Ms. Matheny clarified that the motion is to approve the request for $600,000.

In response to an inquiry by Mr. Bennett, Ms. Kimes stated that the WMPO can handle this request based on the estimates that are two to three years old. She anticipated that some of the phasing of the projects would cause them to be funded in FY21.

In response to an inquiry by Ms. Roth, Ms. Matheny stated that these funds would apply to Wave's current FY20 budget that commenced July 1st. She noted that the adopted budget anticipated $500,000 based on the previous allocation. She added that the additional funding is sought to cover needs that manifested this year.

Mr. Kozlosky inquired if Ms. Matheny would be willing to amend her motion for $500,000 instead. Mr. Bennett suggested that the additional funding could be requested in March or April.

Ms. Matheny explained that some state funding ended at the end of FY19 as a result of population exceeding 200,000 a few years ago. She noted that the additional funding is requested to cover the deficit until a dedicated funding source can be identified.

In response to an inquiry by Mr. Cannon, Ms. Matheny clarified that the population reflects the service region.

Ms. Ayers requested further discussion from the jurisdictions with obligated projects.

Mr. Sutton stated that Navassa's project won't be ready for construction until FY21. Ms. Barefoot was unable to say when Leland's four projects would be ready. Mr. Haire commented that his project have built-in contingencies and he has no concerns.

Mr. Kozlosky expressed concerns regarding the additional amount requested in view of the need for updated information on the status of the projects and a breakdown of the expenditures to be funded.

Ms. Ayers made a substitute motion to table the request one month for additional information. Mr. Bennett seconded the substitute motion and it carried unanimously.

5) Updates

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

In response to an inquiry by Ms. Ayers, Mr. Kozlosky stated that NCDOT has stopped work on the Cape Fear Crossing Project. However, the $21 million in right-of-way acquisition and utility relocation is still included the draft State Transportation Improvements Program (STIP) in FY28 and FY29.

In response to an inquiry by Mr. Bennett, Ms. Marks stated that all questions regarding this project will be answered during the presentation to the MPO Board.

Mr. Kozlosky stated that a number of news articles have been published recently, one yesterday in the *Business Journal* and another today in the *News & Observer*. He commented that NCDOT is in the process of handling numerous factors. He pointed out that the decision to delay or stop the Cape Fear Crossing Project has as much to do with the funding as anything else.

In response to an inquiry by Ms. Ayers, Ms. Marks stated that her update will include changes to the STIP.

Mr. Kozlosky stated that the Board has requested of Ms. Marks provide a project-by-project comparison of the draft released in January 2019 compared to the one released last week.

Ms. Roth expressed appreciation for the chart of contacts provided by Ms. Marks.

6) Announcements

a. **Bike/Pedestrian Committee Meeting: September 10th**
b. **Next TCC meeting: September 11th**

7) Adjournment

With no further items, the meeting was adjourned at 11:16 p.m.

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

Rules of Procedure

Wilmington Urban Area Metropolitan Planning Organization

Draft

August 28, 2019

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CHAPTER 1 – AUTHORITY OF RULES

A. AUTHORITY

The MPO Board shall establish its own Rules of Procedure in a clear and concise manner to assist them in the general conduct of MPO business. These rules shall prevail to govern the order and conduct of business of the MPO Board until modified or new rules are adopted.

During MPO Board's discussions, deliberations, and proceedings, the Chairman has been designated with the primary responsibility to ensure that the Board and members of the public adhere to the Board's procedures.

B. APPLICATION

These procedures shall be applicable to all members of the MPO Board.

C. DEFINITIONS

MPO Member Jurisdictions: City of Wilmington, Town of Belville, Town of Carolina Beach, Town of Kure Beach, Town of Leland, Town of Navassa, Town of Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation.

MPO Board Members: The MPO Board is the policy and decision-making body for the Wilmington Urban Area Metropolitan Planning Organization. The Board is comprised of elected and appointed officials from the City of Wilmington, Towns of Belville, Carolina Beach, Kure Beach, Leland, Navassa, Wrightsville Beach, Brunswick County, New Hanover County, Pender County, Cape Fear Public Transportation Authority, and the North Carolina Board of Transportation.

Alternates: Each of the member boards may appoint one (1) Alternate provided each Alternate also meets the same qualifications of membership. The Alternate member will serve as a full voting member during any meeting where the board's representative(s) is not in attendance.

CHAPTER 2 – MPO BOARD ORGANIZATION AND DUTIES

A. GOVERNING BODY

The MPO Board shall constitute the Governing Body of the Wilmington Urban Area Metropolitan Planning Organization. The Board shall consist as specified in the adopted Memorandum of Understanding. The eligible voting member list consists of a representative from each of the appointment boards with the City of Wilmington having two representatives.

B. DUTIES OF THE GOVERNING BODY

MPO Board Members and MPO staff shall conduct the business of the Wilmington Urban Area Metropolitan Planning Organization. The MPO Board's duties and responsibilities are outlined in the adopted Memorandum of Understanding.

C. ELECTION OF OFFICERS

The Chairman and Vice-Chairman shall be elected annually by the voting members of the Board with their term to begin at that meeting. In the event that there is no Chairman or Vice-Chairman, the TCC Chairman shall preside until a Chairman and Vice-Chairman are elected. The Chairman and Vice-Chairman shall serve for a period of one (1) year from their election and may be re-elected.

D. DUTIES OF THE CHAIRMAN

The Chairman shall:

- preside at all meetings of the Board.
- be responsible for the control, debate and order of speakers.
- decide all questions of order.
- confine debate to matters under discussion.
- put to a vote all matters properly presented before the MPO Board and to declare the result thereof for the record.

E. DUTIES OF THE VICE-CHAIRMAN

The Vice-Chairman shall:

- in the absence of the Chairman, the Vice Chairman shall assume the duties of the Chairman.

G. APPOINTMENTS TO COMMITTEES

The Wilmington Urban Area Metropolitan Planning Organization utilizes direct citizen input through the voluntary appointment of individuals to various committees (*e.g.*, Bicycle and Pedestrian Advisory Committee and Citizen Advisory Committee).

The MPO Board members shall be charged with the responsibility of appointing individuals to serve on these MPO Committees.

Vacancies

A vacancy on a committee shall be effective on the date stated in the individuals' written notice of resignation filed with the MPO.

Candidate Qualifications

Preferred candidates for appointment shall be at least 18 years of age or older and a resident of the jurisdiction of which the committee member will represent, or be otherwise connected to the community in terms of property ownership, business affairs, or by offering a unique and necessary expertise.

Appointment Process

The appointment process will be determined by the MPO Board member making the appointment to the Committee.

Compensation

The Appointees serve on a volunteer basis and shall not be compensated for their services.

Attendance

Each committee member shall be expected to attend each scheduled meeting.

CHAPTER 3 – CONDUCT OF THE MPO BOARD

A. GENERAL CONDUCT

These rules are intended to facilitate professional and orderly conduct of meetings of the Wilmington Urban Area Metropolitan Planning Organization. The purpose of these rules are to provide an orderly and consistent procedure for conducting such meetings. These rules should be followed as necessary to conduct the Board meetings of the Wilmington Urban Area Metropolitan Planning Organization.

All members shall have and share equal rights, privileges, responsibilities and obligations which include but are not limited to the following:

- All Members present and participating in meetings have the right to make, second, or amend motions.
- All Members present and participating have the right to participate in debate when discussion is permitted.
- All Members have the right to make inquiries and seek clarification or further information on pending matters.
- All Members present for meetings have the right to vote on matters, unless prevented by a conflict of interest. If a conflict exists, the member(s) shall request to be recused from discussion and voting on the item. A Conflict of Interest statement will be attached to the minutes of the meeting in which any discussion or vote was taken relating to that conflict disclosure.

B. CONDUCT WITH MEMBERS

Members shall conduct themselves in a proper, professional and ethical manner during all proceedings, and shall respect each other and follow the rules. Each Member shall demonstrate courtesy and respect for the Board and its members, public, and staff.

MPO Board Members shall:

- treat each other and everyone with courtesy and respect.
- refrain from inappropriate behavior and derogatory comments.
- respect and value each other's time.
- limit their comments to the subject matter, item, or motion being currently considered.
- maintain order and decorum during the meeting.
- abide by the *Governing Body Rules of Procedure* in conducting the business of the Wilmington Urban Area Metropolitan Planning Organization.

- exercise control as to the length of their comments.
- respect each other's opportunity to speak and, if necessary, agree to disagree.

C. CONDUCT WITH COMMITTEES

MPO Board Members shall:

- treat all members of MPO committees with appreciation and respect.
- value and respect the service these committee members provide to improve transportation in the Wilmington region.

D. CONDUCT WITH THE MEDIA

MPO Board Members shall:

- not discuss with the media confidential or privileged information pertaining to closed sessions, attorney-client privileged or attorney work product communications including without limitation personnel or litigation.

Press releases will be prepared by the Executive Director or MPO staff for release to the media.

E. LITIGATION AND CONFIDENTIAL INFORMATION

MPO Members shall:

- keep all materials and verbal communication provided to them on matters that are privileged or confidential pursuant to federal or state law in complete confidence to ensure that the MPO's position is not compromised.

F. ETHICAL CONDUCT

MPO Board Members shall:

- conduct themselves in an ethical manner.
- conduct themselves in a manner compliant with Chapter138A of the North Carolina General Statutes.
- abide by certain ethics standards and certain provisions of the Ethics Act (S.B. 411; S.L. 2013-156) and the Ethics Act through G.S. 136-200.2.

CHAPTER 4 – MPO BOARD MEETINGS AND SCHEDULES

A. REGULAR MEETINGS

Regular meeting schedules will be adopted by the Board at the last meeting of the calendar year for the upcoming year. These meetings will typically be held eleven (11) times per calendar year unless otherwise approved. Notice of these meetings will be published in the Star News and Wilmington Journal at least five (5) days prior to the day of the meeting and also posted in accordance to the State Open Meetings Laws. These meetings and agendas will also be published on the WMPO's website. These meetings are open to members of the public and upon request anyone can be placed on the Board mailing list. At the beginning of each regular meeting, a sign-in sheet will be available before each meeting for those who wish to sign up to speak. Each speaker is limited to three (3) minutes and the entire public comment period shall not exceed fifteen (15) minutes. If necessary, the Chairman can extend the public comment period by a vote of the Board.

Regular meetings of the MPO Board shall be held on the last Wednesday of each month at three (3:00) o'clock P.M., in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington or at such other locations as determined by a majority of the MPO Board members. Any alternate location or change in meeting time shall be specified in the meeting notice.

B. SPECIAL MEETINGS

The Chairman or a majority of board members may at any time call a special meeting of the Board by signing a notice stating the time and place of the meeting and the subjects to be discussed. The person or persons calling the meeting shall cause the notice to be posted at City Hall in downtown Wilmington or the door of the regular meeting place at least forty-eight hours before the meeting. In addition, the notice shall be e-mailed or mailed to individuals and local news organizations. Only items of business specified in the notice may be transacted at a special meeting.

C. EMERGENCY MEETINGS

If a special meeting is called to deal with an unexpected circumstance requiring immediate consideration, the notice requirements of this rule do not apply. However, the person or persons calling an emergency meeting shall take responsible action to inform the other board members and the public of the meeting. Local news organizations having requested notice of the special meetings shall be notified of such emergency meetings by the same method used to notify the board members. Only business connected to the emergency may be discussed at this meeting.

D. CLOSED SESSIONS

Closed sessions shall generally be conducted as needed. In accordance with the North Carolina General Statutes, closed sessions shall be held only when required to permit a public body to

act in the public interest as permitted in N.C.G.S. § 143-318.11. A public body may hold a closed session only upon a motion duly made and adopted at an open meeting. Every motion to close a meeting shall state one or more of the authorized purpose(s) for the closed session.

Closed sessions are closed to the public. The closed session is to protect important privacy interests and matters that are confidential or privileged under federal or state law, and subjects discussed during these sessions should not be shared outside of the session. No action will be taken during closed session except as permitted by state law.

No closed session will be held without the presence of MPO legal counsel.

E. PUBLIC HEARINGS

The MPO Board shall hold public hearings when required by federal, state or local law. Public hearings are officially opened and closed by the Chairman.

F. ATTENDANCE

Each member shall be expected to attend each scheduled meeting. Any Board member asking to be excused shall require a call to the MPO's Executive Director at least 24 hours in advance of the meeting. The Executive Director will at the beginning of the Board meeting, list the members requesting to be excused which will require a vote from the Board to approve these excused absences. If an Alternate attends a meeting in place of the member, this will not count as an absence for the member. For members not attending three (3) consecutive Board meetings, the Chairman will send to the chief elected officer of the jurisdiction of the member in question, a letter indicating the number of absences and requesting re-affirmation or re-designation of the jurisdiction's representative.

G. MEETING RULES

Meetings shall be conducted under parliamentary procedures consistent with Robert's Rules of Order, most recent edition.

CHAPTER 5 - MEETING GUIDELINES & PROCEDURES

A. GENERAL

Authority

The MPO Board acts as a body and policy is established by majority vote.

Majority Vote

Any member may call for a vote on any issue provided that it is seconded and within the purposes set forth in the "Memorandum of Understanding." Each voting member of the Board shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists and provided that a super-majority vote is not required for approval of the item under applicable law, the WMPO Board Bylaws or these Rules of Procedure. Abstentions are not included in the tally of the votes. A Board member's absence, whether excused or unexcused, shall not be counted as an affirmative or negative vote on any matter. Proxy and absentee voting are not permitted.

Meetings to be Public

All meetings of the MPO Board are required to be open to the public with the exception of closed sessions.

Quorum

A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations or voting upon or otherwise transacting public business. A quorum consists of 51% of the members of the Board, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

Location

All public meetings shall be held at 320 Chestnut Street in the 6th Floor Conference Room, or at such other locations as determined by a majority of the MPO Board members. Any alternate location or change in meeting time or location shall be specified in the notice for the meeting.

Action

Action by the Board shall be taken by means of resolution or oral motion duly made and passed by the majority as a body.

Public actions of the Board shall be recorded in the minutes of all regular meetings, special meetings and/or emergency meetings. Resolutions shall also be recorded and filed in the MPO offices.

The Board may take action on items calendared on the agenda. Items may be added or removed prior to adoption of the agenda.

Sequence of Agenda Items

The MPO Board adopts the agenda at the beginning of the meeting. The sequencing of the items can be modified by the Board upon adoption of the agenda.

Minutes

It is the responsibility of the MPO's Clerk or designated recording secretary to keep and enter a written account of all Board meetings. The official record of the meeting is the minutes after they have been approved by the MPO Board.

Right of Floor

The Chair will recognize members of the Board, staff or audience desiring to speak, and confine remarks to the subject under consideration.

MPO Executive Director

The Executive Director or designee attends all MPO Board meetings and work sessions and may make recommendations to the Board.

B. AGENDA

The agenda is the list of items suggested for consideration and/or discussion at a Board meeting. Agenda items originate from the Executive Director or as a carry-over from previous meetings.

C. REQUIREMENTS FOR AGENDA ITEM SUBMISSION

Technical Coordinating Committee (TCC) and Board members may submit an item(s) to their respective TCC and Board agendas. In order for a Board member to submit an item(s) to the TCC or Board, the item(s) must be submitted no later than 5:00 p.m. the first business day of the calendar month in which the item is requested to be considered. The item must include all pertinent background materials (resolution, maps, etc.). The Board shall approve the agenda at the beginning of each meeting. At this time, the Board shall have the ability to add or remove any item on the agenda by a vote of at least two-thirds (2/3) of the Board's voting members present. An item added to the agenda will be placed for consideration at the end of the meeting.

D. AGENDA PACKET PREPARATION

The Executive Director shall review and approve all items for the MPO Board agendas. The agenda packets shall be provided to the Board at least 5 days prior to the Board meetings for Regular Meetings. For Special Meetings, the packets shall be provided no less than 48 hours prior to the meeting. For Emergency Meetings, the agenda may be provided in advance or at the meeting.

The agenda and agenda packets are compiled and distributed through the Executive Director. Packet information will be electronically transferred via e-mail to the MPO Board members. In addition, the agenda packets are also placed on the Wilmington Urban Area Metropolitan Planning Organization's website.

E. AGENDA FORMAT

The Board may reorder the agenda items to expedite the agenda or for the benefit of the public.

Call to Order
The Chairman shall open each regular meeting at the appointed hour.

Conflict of Interest Statement
In accordance with Senate Bill 411, it is the duty of all MPO Board members, alternates or designees to disclose in writing any conflicts of interest. The statement will be attached to the minutes of the meeting in which any discussion or vote was taken relating to that conflict disclosure.

Approval of Board Member Excused Absences
Each member shall be expected to attend each scheduled meeting. Any Board member asking to be excused shall require a call to the MPO's Executive Director at least 24 hours in advance of the meeting. The Executive Director will at the beginning of the Board meeting, list the members requesting to be excused which will require a vote from the Board to approve these excused absences.

Approval of the Agenda
The MPO Board shall approve the agenda at the beginning of each regular meeting. This approval will outline the business of the Board's meeting.

Election of Officers
The Chairman and Vice-Chairman shall be elected annually by the voting members of the Board, with their terms to begin at that meeting. The Chairman and Vice-Chairman shall serve for a period of one (1) year from their election and may be re-elected. This election shall occur during the first Board meeting of the calendar year or as needed upon a resignation of the Chairman or Vice-Chairman.

Public Comment Period
Time shall be set aside at every regular meeting and work session to allow the public to address the Board on matters that are listed or not listed on the printed agenda. Those wishing to speak may do so during the "Public Comment" period. At the beginning of each regular meeting, a sign-in sheet will be available before each meeting for those who wish to sign up to speak. Each speaker is limited to three (3) minutes and the entire public comment period shall not exceed fifteen (15) minutes. If necessary, the Chairman can extend the public comment period by a vote of the Board.

Each person addressing the MPO Board must approach the front of the room when recognized by the Chairman, communicate his or her name and address and then their public comments.

Members of the MPO Board are discouraged from engaging in debate with a member of the public at the Board meetings.

Closed Session
The Closed Session portion of the meeting is reserved for times when the Board determines it necessary to enter into a Closed Session as allowed by North Carolina General Statute. It does not preclude the Board from entering into Closed Session at any point during an open meeting as the Board deems necessary.

Presentation(s)
This time may be used as necessary to present awards or to receive remarks and presentations by distinguished guests or staff on items of interest to the Board.

Consent Agenda
These are items on the MPO Board agenda which are considered to be of a routine and noncontroversial nature by the Executive Director, shall be listed on the consent agenda. These items shall be acted upon collectively under a single motion. A member of the Board may remove any item from the consent agenda for discussion. Any item removed will be heard immediately following action on the remaining consent agenda items.

Public Hearings
The Public Hearings portion of the meeting is reserved for any items requiring a formal public hearing when required by federal, state or local law.

Old Business
Old Business contains items which have been previously discussed and require Board action or direction.

Regular Agenda
The Regular Agenda contains items which may not have been previously discussed and require Board action or direction. These items may or may not be considered controversial. These items will be accompanied by a resolution.

Discussion
Discussion items are items that require Board discussion. These items will not include an accompanying resolution. Items listed under discussion may or may not receive action and/or direction during a meeting. The Board may decide to take action on any discussion item or may request staff to return with an accompanying resolution at a future date.

Updates
This time is reserved to receive updates from the MPO and the various transportation partners on efforts underway in their respective organizations. Typically this information is provided in written form and included in the agenda packet.

Announcements
This is the time when any upcoming public meetings that would be of interest to the Board are provided.

Adjournment

Before there can be an adjournment, the Board must, by proper action, move and vote for adjournment. Upon adjournment, the meeting is ended and no further business can be conducted.

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION ADOPTING THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S RULES OF PROCEDURE

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 governing body of the Wilmington Urban Area Metropolitan Planning Organization is identified as the "Board"; and

WHEREAS, the purposes of the Wilmington Urban Area Metropolitan Planning Organization are outlined in the most recent Memorandum of Understanding approved by the Wilmington Urban Area Metropolitan Planning Organization's Board, North Carolina Department of Transportation, and local government members; and

WHREREAS, the current rules of procedure are covered within the Wilmington Urban Area Metropolitan Planning Organization's Bylaws; and

WHEREAS, the Rules of Procedure addresses the Authority of Rules, MPO Board Organization and Duties, Conduct of the MPO Board, MPO Board Meetings and Schedules and Meeting Guidelines and Procedures.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the Rules of Procedure for the Wilmington Urban Area Metropolitan Planning Organization.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2019.

_____

David Piepmeyer, Chair

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Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-4
(August 2019)

EB-5600 NEW HANOVER PROJ.CATEGORY DIVISION	SR 1219 (SOUTH 17TH STREET), HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTIUSE PATH. ***AT THE REQUEST OF THE MUNICIPALITY, DELAY CONSTRUCTION FROM FY 19 TO FY 20.***	CONSTRUCTION	FY 2020 - $746,000 (BGANY) FY 2020 - $187,000 (L) $933,000
I-6036 BRUNSWICK PROJ.CATEGORY STATEWIDE	I-140, US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION. TO STRATEGICALLY BALANCE LETTINGS, DELAY CONSTRUCTION FROM FY 19 TO FY 20.	CONSTRUCTION	FY 2020 - $1,400,000 (NHPIM) $1,400,000

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #19-4 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 modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-4.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #19-4.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 25, 2019.

_____

David Piepmeyer, Chair

_____

Mike Kozlosky, Secretary

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
INTERSTATE PROJECTS																	
I-40 NEW HANOVER PENDER SW	I-6039	MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.	11.9	10539		NHPIM			C 5270	C 5269							
I-40 PENDER SW	I-6040	EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION.	15.2	11200		NHPIM					C 5600	C 5600					
I-140 NEW HANOVER SW	I-5760	I-40 TO US 421. PAVEMENT REHABILITATION.	6.6	7714	7714	SW A COMPLETED	OPEN GRADED FRICTION COURSE. - UNDER CONSTRUCTION										
I-140 BRUNSWICK NEW HANOVER SW	I-6038	US 421 TO US 74/US 76. PAVEMENT REHABILITATION.	9.8	4000		NHPIM							C 4000				
I-140 NEW HANOVER SW	I-6037	US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION.	6.8	10385		NHPIM							C 10385				
I-140 BRUNSWICK SW	I-6036	US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION.	5.1	1410	10	NHPIM		C 1400									
RURAL PROJECTS																	
US 17/US 74/US 76 BRUNSWICK NEW HANOVER TRN	R-3601	NC 133/SR 1472 (VILLAGE ROAD) INTERCHANGE TO THE US 421/NC 133 INTERCHANGE. ADD ADDITIONAL LANES ON NORTH AND SOUTHBOUND LANES AND WIDEN BRIDGE 090107 AND BRIDGE 090108.	1.5	71234	71234	UNDER CONSTRUCTION											

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HF - State Dollars (Non STI) REG - Regional Category
SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

Tuesday, August 27, 2019

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
RURAL PROJECTS																	
VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	R-5783	DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		4280	3780	TA	C 400										
						S	C 100										
DIV																	
						UNDER CONSTRUCTION; "S" FUNDS REFLECT STATE HIGHWAY FUNDS										
US 17 (HAMPSTEAD BYPASS) NEW HANOVER PENDER	R-3300 H090215	US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION	12.3	340632	101547	T				CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 6435 A	CB 51480 A
						T				C 12667 A	C 12667 A	C 12666 A					
						T		CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 6864 B	CB 41184 B
						T		C 1600 B									
						REG A	H090215-A	US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210. - PLANNING/DESIGN IN PROGRESS - RIGHT-OF-WAY IN PROGRESS. BUILD NC BOND FUNDING $75 M PAYBACK 2023 - 2037.								
						REG B	H090215-B	NC 210 TO US 17 NORTH OF HAMPSTEAD. - PLANNING/DESIGN IN PROGRESS - RIGHT-OF-WAY IN PROGRESS. BUILD NC BOND FUNDING $80 M PAYBACK 2021 - 2035.								
I-140/US 17 (WILMINGTON BYPASS) BRUNSWICK NEW HANOVER	R-2633	US 17 SOUTH OF NC 87 IN BRUNSWICK COUNTY TO I-40 IN NEW HANOVER COUNTY. FOUR LANE DIVIDED FREEWAY ON NEW LOCATION.	20.2	773030	684220	NHP	CG 3405 AA	CG 3405 AA									
						NHP	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA					
						NHP	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB						
						TRN AA	NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE										
						AB	NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE										
						TRN BA	US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD). - COMPLETE										
						TRN BB	SR 1430 (CEDAR HILL ROAD) TO WEST OF US 421 NORTH OF WILMINGTON. - COMPLETE										
						BC	US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON. - OPEN TO TRAFFIC										
						CA	WEST OF US 421 NORTH OF WILMINGTON TO WEST OF NC 133. - COMPLETE										
						CB	WEST OF NC 133 TO US 117. - COMPLETE										
						CC	US 117 TO EAST OF I-40 SOUTH OF CASTLE HAYNE. - COMPLETE										
						TRN D	IMPLEMENTATION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS). - UNDER CONSTRUCTION										
						GARVEE BOND FUNDING $31.05 M FOR SEGMENT AA; PAYBACK FY 2010-2021 - GARVEE BOND FUNDING $50 M FOR SEGMENT BA; PAYBACK FY 2014-2025 - GARVEE BOND FUNDING $100 M FOR SEGMENT BB; PAYBACK FY 2013-2024										
URBAN PROJECTS																	
US 17 PENDER	U-5732 H141537	SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.	5.5	64655	39555	T								C 6275	C 6275	C 6275	C 6275
						REG A	H141537	SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE. - COMPLETE									
REG																	
						RIGHT-OF-WAY IN PROGRESS											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
US 17 BUSINESS (MARKET STREET) NEW HANOVER	U-4902 H090499	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	122044	64844	T						C 8000 B					
						T					C 12300 C	C 12300 C	C 12300 C	C 12300 C			
						A	SR 1272 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD. - COMPLETE										
						REG B	H090499-B	CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). - RIGHT-OF-WAY IN PROGRESS									
						SW C	H090499-C	NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. - RIGHT-OF-WAY IN PROGRESS. INCLUDES U-5880.									
						SW D	H090499-D	SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). - UNDER CONSTRUCTION									
US 74 (MARTIN LUTHER KING, JR. PARKWAY) NEW HANOVER	U-5792 H141226	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		26610	1500	T					R 1215	R 3645					
						T							C 20250				
DIV						PROJECT TO BE LET WITH U-5881.											
US 74 (EASTWOOD ROAD) NEW HANOVER	U-5710 H141232	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	2.0	57267	8125	T	R 5436	R 5436									
						T				C 7900	C 7900	C 7900	C 7900				
						T	R 1870 A										
						T	C 4800 A										
						SW A	FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. - RIGHT-OF-WAY IN PROGRESS										
SW						RIGHT-OF-WAY IN PROGRESS											
US 74 NEW HANOVER	U-5731 H110978	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	1.0	33300	1500	T	R 1250	R 3750									
						T	U 1000										
						T					C 6450	C 6450	C 6450	C 6450			
SW																	
US 421 (SOUTH FRONT STREET) NEW HANOVER	U-5734 H110981	US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.	1.0	27000	1000	T						R 6600	R 6600				
						T						U 1600					
						T								C 2800	C 2800		C 5600
REG																	
US 421 (CAROLINA BEACH ROAD) NEW HANOVER	U-5790 H090717	NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	1.1	22908	1500	T			R 1131	R 3394							
						T			U 183								
						T					C 16700						
DIV																	

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Tuesday, August 27, 2019

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5881 H149006-D	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	2.9	82701	1000	T						R 17051	R 17050				
						T						U 1500	U 1500				
						T									C 11150	C 11150	C 22300
SW																	
						PROJECT TO BE LET WITH U-5792.											
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5704 H149006-E	US 76 (OLEANDER DRIVE). INTERSECTION IMPROVEMENTS.		56400	1100	NHP				R 6250	R 9375	R 9375					
						NHP				U 2500	U 2500						
						NHP							C 8433	C 8433	C 8434		
SW																	
						PROJECT TO BE LET WITH U-5702A.											
NC 133 BRUNSWICK	U-5914 H110994	US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.	0.5	2765	965	T	C 900	C 900									
DIV																	
						RIGHT-OF-WAY IN PROGRESS.											
NC 133 (CASTLE HAYNE ROAD) NEW HANOVER	U-5863 H110980	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES	3.7	31674	1300	T		R 515	R 1543								
						T		U 500									
						T					C 1391	C 13213	C 13212				
REG																	
SR 1175 (KERR AVENUE) NEW HANOVER	U-6201 H110991	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	0.3	5410	10	T						U 500					
						T						R 3300					
						T								C 1600			
DIV																	
NEW ROUTE NEW HANOVER	U-5926	SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.		8732	3410	L	R 225										
						T	R 225										
						L			C 2436								
						T			C 2436								
DIV																	
						ECONOMIC DEVELOPMENT PROJECT.											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
NEW ROUTE (CAPE FEAR CROSSING) BRUNSWICK NEW HANOVER	U-4738	US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER.	11.2	1026790	11540	NHP											R 29700 A
						NHP											U 1080 A
						BOND R											C 23903 A
						NHP											C 219434 A
						NHP											R 80300 B
						NHP											U 2920 B
						BOND R											C 64627 B
						NHP											C 593286 B
						DIV A H129646-A	US 17 IN BRUNSWICK COUNTY TO NC 133. CONSTRUCT FREEWAY ON NEW LOCATION.										
						B H129646-B	NC 133 TO US 421 (INDEPENDENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOCATION WITH A STRUCTURE OVER THE CAPE FEAR RIVER.										
						PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY											
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5989	WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.		34837	4476	BGDA	C 1412	C 735	C 2564	C 2700	C 2700	C 2700	C 2700	C 2700	C 2700	C 2700	
						L	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	C 675	
DIV																	
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5534	WILMINGTON URBAN AREA MPO STP-DA PROGRAM.		3126	3126												
DIV																	
						IN PROGRESS											
VARIOUS BRUNSWICK NEW HANOVER PENDER	U-5525	WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION PLANNING (PL) SUPPLEMENT.		3313	313	BGDA	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	
						L	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	
DIV																	
US 421 (CAROLINA BEACH ROAD) NEW HANOVER	U-5729 H110987	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY.	1.6	27510	14510	T				C 525 REG	C 3325 REG	C 3325 REG	C 3325 REG				
						T				C 2500 SW							
						REG REG H110987	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - RIGHT-OF-WAY IN PROGRESS										
						SW SW H110987	US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. - RIGHT-OF-WAY IN PROGRESS										

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URBAN PROJECTS																	
NC 132 (COLLEGE ROAD) NEW HANOVER	U-5702 H142202	SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	9.7	97371	2770	NHP				R 6467 A	R 6467 A	R 6467 A					
						NHP				U 2300 A							
						NHP							C 11300 A	C 11300 A	C 11300 A		
						NHP						R 2400 B					
						NHP						U 500 B					
						NHP											C 36100 B
						SW A	H149006-B/C	SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS. PROJECT TO BE LET WITH U-5704.										
						REG B	H149006-A	US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.									
SR 2048 (GORDON ROAD) NEW HANOVER	U-6202 H171413	US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	2.5	85125	10	T						RB 3861	RB 3861	RB 3861	RB 3861	RB 3861	RB 38610
						T						R 1450	R 1450				
						T						U 2900	U 2900				
						T											C 18500
DIV						BUILD NC BOND ROW FUNDING $45 M PAYBACK 2025 - 2039.											
SR 1175 (KERR AVENUE) NEW HANOVER	U-3338	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO MULTI-LANES.	3.2	96986	76486	BGANY				C 6833 C	C 6833 C	C 6834 C					
						TRN B		RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY). - UNDER CONSTRUCTION									
						REG C	H090390-C	SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). - RIGHT-OF-WAY IN PROGRESS									
SR 1409 (MILITARY CUTOFF ROAD EXTENSION) NEW HANOVER	U-4751 H129103	SR 1409 (MILITARY CUTOFF ROAD) TO US 17 (MARKET STREET) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	4.0	229159	181509	T	C 23825	C 23825									
						SW A	H129103	LENDIRE ROAD, WEST OF US 17 BUSINESS (MARKET STREET) TO US 17 BUSINESS (MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP ROAD). REALIGN ROADWAY. - UNDER CONSTRUCTION									
SW						UNDER CONSTRUCTION											
US 76 (OLEANDER DRIVE) NEW HANOVER	U-6128 H171546	GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.		9560	260	BGANY										U 500	U 500
						BGANY										R 1250	R 3750
						BGANY											C 3300
REG																	
SR 1209 (INDEPENDENCE BOULEVARD EXTENSION) NEW HANOVER	U-4434 H129637	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	1.7	130696	4163	BGANY			R 12384	R 18575	R 18575						
						BGANY			U 600								
						BGANY						C 25533	C 25533	C 25333			
DIV																	

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
URBAN PROJECTS																	
CAROLINA BEACH NEW HANOVER	U-6233	CONSTRUCT NEW TRAFFIC SIGNAL AND IMPROVE PEDESTRIAN ACCOMMODATIONS AT THE INTERSECTION OF US 421 (LAKE PARK BOULEVARD) AND HAMLET AVENUE IN CAROLINA BEACH.		270		BGDA	PE 6										
						S	PE 2										
						BGDA	R 40										
						S	R 10										
						BGDA		C 170									
						S		C 42									
DIV																	
						S FUNDS REPRESENT HIGH IMPACT LOW COST HIGHWAY FUNDS											
NC 133 (CASTLE HAYNE ROAD) NEW HANOVER	U-5954 H150020	NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	1.0	3000	500	T			R 150								
						T			U 100								
						T					C 1125	C 1125					
REG																	
WILMINGTON NEW HANOVER	U-6236	WEST SALISBURY STREET STREETSCAPE PROJECT.		909		BGDA	C 636										
						L	C 273										
DIV																	
WILMINGTON NEW HANOVER	U-6235	TRAFFIC SIGNAL PRE-EMPTION FOR EMERGENCY VEHICLES PROJECT.		1271		BGDA	PE 390										
						L	PE 97										
						BGDA		C 627									
						L		C 157									
DIV																	
WILMINGTON NEW HANOVER	U-6234	WILMINGTON MULTI-MODAL TRANSPORTATION CENTER PHASE 1B.		1700		BGDA	PE 192										
						L	PE 48										
						BGDA		C 1168									
						L		C 292									
DIV																	
WILMINGTON NEW HANOVER	U-6199 H171364	WILMINGTON CITYWIDE SIGNAL SYSTEM.	39.2	15970	10	T						U 500					
						T						R 100					
						T								C 7680	C 7680		
DIV																	

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Tuesday, August 27, 2019

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BRIDGE PROJECTS																	
NC 133 NEW HANOVER	B-4590	REPLACE BRIDGE 640029 OVER SMITH CREEK.		5072	972	NHPB											
						NHPB	C 4100										
HF																	
MITIGATION PROJECTS																	
VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	EE-4903	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		5505	5505												
						IN PROGRESS											
HIGHWAY SAFETY PROJECTS																	
VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	W-5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		22135	21485	HSIP	C 650										
						DIV DIV	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
						REG REG	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
						SW SW	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
						DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS											
VARIOUS BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	W-5703	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.		3236	2536	HSIP	R 30 DIV										
						HSIP	C 180 DIV										
						HSIP	R 30 REG										
						HSIP	C 180 REG										
						HSIP	R 40 SW										
						HSIP	C 240 SW										
						DIV DIV	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						REG REG	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						SW SW	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.										
						IN PROGRESS											
AVIATION PROJECTS																	
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER	AV-5730 A130514	EXTEND RUNWAY 6-24PHASE 1		5000		T			C 500								
						O			C 4500								
SW																	

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AVIATION PROJECTS																	
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5704 A130515	UPGRADE AIRFIELD LIGHTING VAULT.		500	500												
						UNDER CONSTRUCTION											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5796 A150423	INCREASE WIDTH OF ALL TAXIWAYS.		3800		O							C 3300				
						T							C 500				
						OTHER FUNDS PROVIDED BY ILM.											
WILIMINGTON INTERNATION (ILM) NEW HANOVER SW	AV-5886 A170936	TAXIWAY J IMPROVEMENTS.		5600		O								C 5100			
						T								C 500			
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5799 A150114	WIDEN NORTH-SOUTH TAXIWAY SYSTEM.		6500		O								C 6000			
						T								C 500			
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5801 A150118	EXPANSION OF AIR CARRIER APRON.		3940		O		C 3440									
						T		C 500									
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5702 A130508	REHABILITATE GA APRON NORTH.		500	500												
						UNDER CONSTRUCTION											

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AVIATION PROJECTS																	
WILMINGTON INTERNATIONAL AIRPORT (ILM) NEW HANOVER SW	AV-5885 A170916	REHABILITATE RUNWAY.		7500		O								C 7000			
						T								C 500			
						OTHER FUNDS PROVIDED BY ILM											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5713 A130512	PIPE DITCHES IN FBO #2 AREA.		505	505												
						UNDER CONSTRUCTION											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5795 A150101	EXPAND THE GENERAL AVIATION APRON.		1300		O			C 800								
						T			C 500								
						OTHER FUNDS PROVIDED BY ILM.											
WILMINGTON INTERNATIONAL (ILM) NEW HANOVER SW	AV-5798 A150418	TAXIWAY IMPROVEMENTS.		5600		T		O 5100									
						T		C 500									
						OTHER FUNDS PROVIDED BY ILM.											
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS BRUNSWICK NEW HANOVER PENDER DIV	U-5527	WILMINGTON URBAN AREA MPO TRANSPORTATION ALTERNATIVES PROGRAM.		1733	273	TADA	R 0	R	R	R	R 0	R 0	R 25	R 25	R 25	R 25	
						L	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	
						TADA	C 0	C	C	C	C 0	C 0	C 200	C 200	C 200	C 200	
						L	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	
						IN PROGRESS											
SR 1403 (MIDDLE SOUND LOOP ROAD) NEW HANOVER TRN	EB-5543	OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH.		230	230												
						UNDER CONSTRUCTION											

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BICYCLE AND PEDESTRIAN PROJECTS																	
SR 1219 (SOUTH 17TH STREET)	EB-5600	HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.	1.7	933		BGANY	C 746										
						L	C 187										
NEW HANOVER	B141213																
DIV																	
						PLANNING, DESIGN, RIGHT-OF-WAY, AND CONSTRUCTION BY CITY OF WILMINGTON.											
CARENDON AVENUE	EB-6029	CONSTRUCT MULTI-USE PATH ALONG CLARENDON AVENUE FROM 4TH STREET TO SR 1573 (DOW ROAD).	0.5	682	37	L	C 129										
NEW HANOVER						TADA	C 516										
DIV																	
CAROLINA BEACH	EB-6039	CONSTRUCT BIKE LANES ALONG ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA BEACH.	1.3	490		L	PE 15										
NEW HANOVER						L		C 83									
						TADA	PE 59										
						TADA		C 333									
DIV																	
SR 1403 (MIDDLE SOUND LOOP), SR 2862 (LENDIRE ROAD, OGEDEN BUSINESS LANE	EB-6027	CONSTRUCT MULTI-USE PATH ALONG MIDDLE SOUND LOOP, LENDIRE ROAD, AND OGDEN BUSINESS LANE.	0.5	1805	305	L		R 500									
NEW HANOVER						L				C 1000							
DIV																	
BELVILLE ELEMENTARY MULTI USE PATH	EB-6026	MULTI USE PATH ALONG NC 133 CONNECTING NORTH AND SOUTH ENTRANCES OF HAWKESWATER DEVELOPMENT TO BELVILLE ELEMENTARY SCHOOL.	0.4	151		L	PE 6										
						TADA	PE 24										
						L			R 1								
						TADA			R 2								
						L			C 24								
						TADA			C 94								
BRUNSWICK																	
DIV																	
PEACHTREE AVENUE	EB-5719	PARK AVENUE TO MCMILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209	22	TAANY	C 150										
NEW HANOVER	B141312					L	C 37										
DIV																	

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BICYCLE AND PEDESTRIAN PROJECTS																	
RICE HOPE MULTI USE PATH BRUNSWICK	EB-6025	MULTI USE PATH ALONG NC 133 BETWEEN MORECAMBLE BOULEVARD AND RICE HOPE RUN IN BELVILLE.	0.2	200		BGDA	PE 24										
						L	PE 6										
						BGDA			R 2								
						L			R 1								
						BGDA			C 134								
						L			C 33								
DIV																	
WILMINGTON NEW HANOVER	EB-6028	CONSTRUCT SIGNALIZED PEDESTRIAN CROSSING AT US 17 BUSINESS (MARKET STREET) AND 21ST STREET.	0.0	200	75	L	C 25										
						TADA	C 100										
DIV																	

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FERRY PROJECTS																	
VARIOUS	F-5703	REPLACEMENT VESSEL (SUPPORT		11600	6250	T	C 3250 A										
BEAUFORT	F130001	FLEET) FOR TUGS AND BARGES				T	C 2100 B										
BERTIE						DIV	A	F130001	Z-DRIVE TOWING AND PUSHING TUG - UNDER CONSTRUCTION								
BRUNSWICK						DIV	B	F130001	TWO SUPPORT/ANCHOR TUGS, ONE SUPPORT TUG, THREE BARGES - UNDER CONSTRUCTION								
CAMDEN																	
CARTERET																	
CHOWAN																	
CRAVEN																	
CURRITUCK																	
DARE																	
DUPLIN																	
GATES																	
GREENE																	
HERTFORD																	
HYDE																	
JONES																	
LENOIR																	
MARTIN																	
NEW HANOVER																	
NORTHAMPTON																	
ONSLOW																	
PAMLICO																	
PASQUOTANK																	
PENDER																	
PERQUIMANS																	
PITT																	
SAMPSON																	
TYRRELL																	
WASHINGTON																	
DIV																	
VARIOUS	F-5301	CEDAR ISLAND, SOUTHPORT AND FORT		980	980												
BRUNSWICK		FISHER DOCKS. REPLACE DOLPHINS.															
CARTERET																	
NEW HANOVER																	
TRN																	
						UNDER CONSTRUCTION											

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FERRY PROJECTS																	
SOUTHPORT - FORT FISHER	F-5707	CONSTRUCT MOORING FACILITIES.		5000		T						C 2500	C 2500				
BRUNSWICK	F150236																
NEW HANOVER																	
REG																	
SOUTHPORT-FORT FISHER	F-5705	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.		14000		T										C 700	C 13300
BRUNSWICK	F150235																
NEW HANOVER																	
REG																	
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5224	REPLACEMENT TROLLEY		700		FBUS	CP 700										
NEW HANOVER																	
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5222	REPLACEMENT LTV		1873	1249	FBUS	CP 260	CP 260									
						L	CP 26	CP 26									
						S	CP 26	CP 26									
NEW HANOVER																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5134	REPLACEMENT HYBRID BUS		478	478	JARC											
						L											
NEW HANOVER																	
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5221	REPLACEMENT LTV		1321	956	FUZ	CP 324										
						L	CP 41										
						S											
NEW HANOVER																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											

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PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-5223	REPLACEMENT BUS		6070	2836	FBUS	CP 2588										
						L	CP 323										
						S	CP 323										
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6700	ADA		389	389	L											
						STBGDA											
						STPDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6552	CAPITAL - REPLACEMENT VEHICLE		460	460	FNF											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TA-6516	CAPITAL		771	771	FNU											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TD-4721	WMMTC CONSTRUCTION		2125	2125	L											
						STBGDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6796	ADA		325	325	L											
						STBGDA											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TG-6795	PREVENTIVE MAINTANENCE		313	313	L											
						STBGDA											

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PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6177	ROUTE 201 IN WILMINGTON, UPGRADE AMMENITIES AND BUS STOPS		66		FUZ				C 54							
NEW HANOVER						L				C 6							
						T				C 6							
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6170	ADA AND PREVENTIVE MAINTENANCE		638	638	L											
NEW HANOVER						STPDA											
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5245	PREVENTIVE MAINTENANCE		3354	3040	FUZ	CP 251										
NEW HANOVER						L	CP 63										
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5244	PREVENTIVE MAINTENANCE		1256	1256	FBUS											
NEW HANOVER						L											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6784	PREVENTIVE MAINTENANCE		875	875	L											
NEW HANOVER						L											
						STBGDA											
						STPDA											
SD																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TK-6176	ADMINISTRATION		2863	1991	FNU	O 218	O 218	O 218	O 218							
NEW HANOVER						FNU											
						L											
						S											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TM-6137	OPERATING ASSISTANCE		636	636	JARC L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-6108	OPERATING ASSISTANCE - NEW FREEDOM		1872	1872	FNF L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-5135	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS		116	116	FNF L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TN-6121	OPERATING		738	738	FNF											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TO-4751	OPERATING ASSISTANCE		78562	55630	FUZ L SMAP	O 2129 O 2759 O 845	O 2129 O 2759 O 845	O 2129 O 2759 O 845	O 2129 O 2759 O 845							
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TO-5210	OPERATING ASSISTANCE FOR EXPRESS FIXED ROUTE SERVING FORDEN AND DOWNTOWN STATIONS		368	368	JARC L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5111	PLANNING ASSISTANCE - 5303		4408	2760	FMPL L S	PL 384 PL 14 PL 14	PL 384 PL 14 PL 14	PL 384 PL 14 PL 14	PL 384 PL 14 PL 14							
						FUNDS AUTHORIZED IN PROGRESS											

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PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5110	PLANNING ASSISTANCE - SHORT RANGE DEVELOPMENT		300	200	FUZ	CP 80										
						L	CP 10										
						S	CP 10										
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TP-5125	PLANNIG SRTP		150	150	FUZ											
						L											
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY ONSLOW SD	TQ-6157	OPERATING ASSISTANCE - PURCHASE OF SERVICE		250	250	FEPD											
						L											
						S											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-6513	OPERATING ASSISTANCE		1190	1020	FEPD	O 85										
						L	O 85										
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-7005	PROJECT ADMINISTRATION		156	72	FEPD	AD 28	AD 28	AD 28								
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-8019	MOBILITY MANAGER		306	255	FEPD	CP 41										
						L	CP 10										
						FUNDS AUTHORIZED IN PROGRESS											

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9001	CAPITAL PURCHASE OF SERVICE		432	168	FEPD	CP 88	CP 88	CP 88								
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9011	CAPITAL - PURCHASE OF SERVICE		176	176	FEPD L S											
						FUNDS AUTHORIZED IN PROGRESS											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9035	5310 CAPITAL PROJECT - SERVICE VEHICLE		20	20	FEPD L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TQ-9036	5310 CAPITAL PROJECT - REVENUE VEHICLE		117	117	FEPD L											
CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY NEW HANOVER SD	TS-5103	SAFETY & SECURITY - MIN. 1% SET ASIDE		326	230	FUZ L	CP 22 CP 2	CP 22 CP 2	CP 22 CP 2	CP 22 CP 2							
						FUNDS AUTHORIZED IN PROGRESS											
FREIGHT RAIL PROJECTS																	
CSX SE LINE NEW HANOVER SW	P-5740 R170187	TIE AND RAIL REHABILITATION. IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CURVE RE-ALIGNMENTS AND UPGRADE SWITCH OPERATIONS. CLOSE AND IMPROVE VARIOUS EXISTING AT GRADE CROSSINGS.	13.0	45480	4080	T T DP	R 600		C 8471 C 23859	C 8470							
						DISCRETIONARY FUNDING PROVIDED FROM FEDERAL CRISI GRANT											

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
INTERSTATE PROJECTS																	
VARIOUS STATEWIDE SW	I-9999	INTERSTATE MAINTENANCE BALANCE.		451003		NHPIM						C 69588	C 85615	C 95800	C 100000	C 100000	
RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		5780	4180	T	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	
						T	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	PE 48 REG	
						T	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	
						DIV DIV	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		684	384	T	PE 100 DIV										
						T	PE 100 REG										
						T	PE 100 SW										
						DIV DIV	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.										
						REG REG	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.										
						SW SW	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.										
						IN PROGRESS											
VARIOUS STATEWIDE	M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		27088	17088	T	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	
						T	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	PE 300 REG	
						T	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	
						DIV DIV	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						REG REG	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						SW SW	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.										
						IN PROGRESS											
VARIOUS STATEWIDE DIV	M-0505	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3535	535	T	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	
						T	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	PE 120 REG	
						T	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	
						DIV	DIV	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
						REG	REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
						SW	SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
						IN PROGRESS											
VARIOUS STATEWIDE	M-0534	HYDRAULICS, PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.		22000	2000	T	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	PE 600 DIV	
						T	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	PE 600 REG	
						T	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	PE 800 SW	
						DIV	DIV	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.									
						REG	REG	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.									
						SW	SW	PRELIMINARY ENGINEERING FOR THE HIGHWAY FLOODPLAIN PROGRAM (HFP) TO FACILITATE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AND NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE AND FLOOD RESILIENCE.									
						IN PROGRESS											
VARIOUS STATEWIDE	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		12000	7000	T	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	
						T	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	
						T	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	
						DIV	DIV	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
						REG	REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
						SW	SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.									
VARIOUS STATEWIDE	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		6758	4258	T	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	
						T	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	PE 75 REG	
						T	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	
						DIV	DIV	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS									
SW						REG	REG	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS									
						SW	SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS									
VARIOUS STATEWIDE	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		2750	250	T	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	
DIV																	

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STATEWIDE PROJECT
HIGHWAY PROGRAM

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
RURAL PROJECTS																	
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21841	12931	T	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	
						T	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	PE 270 REG	
						T	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 270 SW	PE 360 SW	PE 360 SW	PE 360 SW	
						DIV DIV	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						REG REG	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						SW SW	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.										
						IN PROGRESS											
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		244131	244131	IN PROGRESS											
VARIOUS STATEWIDE	R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.		35062		FLTP	C 35062										
EX						PROGRAM IN PROGRESS											
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		278058	278058	IN PROGRESS											
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		73915	43915	BG	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	
						BG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	C 900 REG	
						BG	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	
						DIV DIV	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS										
						REG REG	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS										
						SW SW	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS										
						IN PROGRESS											
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		91242	91242	IN PROGRESS											
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20234	20234	IN PROGRESS											

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RURAL PROJECTS																	
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		155559	145559	NHP	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
						NHP	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	
						NHP	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	
						T	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
						T	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	M 150 REG	
						T	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	
						DIV DIV	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						REG REG	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						SW SW	ENVIRONMENTAL MITIGATION AND MINIMIZATION.										
						IN PROGRESS											
FEASIBILITY STUDIES																	
VARIOUS STATEWIDE SW	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064	T	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	
BRIDGE PROJECTS																	
VARIOUS STATEWIDE DIV	B-8888	BRIDGE REPLACEMENT HOLDOUT.		162322		BGOFF				C 12031	C 21682	C 25157	C 26509	C 16943	C 30000	C 30000	
VARIOUS STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.		497354	257354	BG	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	I 7200 DIV	
						BG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	I 7200 REG	
						BG	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	I 9600 SW	
						DIV DIV	BRIDGE INSPECTION PROGRAM.										
						REG REG	BRIDGE INSPECTION PROGRAM.										
						SW SW	BRIDGE INSPECTION PROGRAM.										
						IN PROGRESS											
VARIOUS STATEWIDE DIV	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		10918	10918												
						IN PROGRESS											
VARIOUS STATEWIDE DIV	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		12337	12337												
						UNDER CONSTRUCTION											

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BRIDGE PROJECTS																	
VARIOUS STATEWIDE	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		2500	2500												
DIV																	
						IN PROGRESS											
VARIOUS STATEWIDE	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		32648	32648												
						DIV DIV	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
						REG REG	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
						SW SW	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.										
VARIOUS STATEWIDE	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		6994	6994												
DIV																	
						UNDER CONSTRUCTION											
VARIOUS STATEWIDE	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100												
DIV																	
						IN PROGRESS											
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500												
VARIOUS STATEWIDE	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		505525		HSIP	C 12750 DIV	C 12960 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	C 15750 DIV	
						HSIP	C 12675 REG	C 12960 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	C 15750 REG	
						HSIP	C 16900 SW	C 17280 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	C 21000 SW	
						DIV DIV	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										
						REG REG	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										
						SW SW	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.										

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STATEWIDE PROJECT
HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5717	HIGHWAY SYSTEM DATA COLLECTION.		5000		HSIP	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	
						HSIP	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	PE 150 REG	
						HSIP	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	
						DIV	DIV	HIGHWAY SYSTEM DATA COLLECTION.									
						REG	REG	HIGHWAY SYSTEM DATA COLLECTION.									
						SW	SW	HIGHWAY SYSTEM DATA COLLECTION.									
VARIOUS STATEWIDE	W-5716	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		55000		HSIP	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	
						HSIP	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	PE 1650 REG	
						HSIP	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	
						DIV	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
						REG	REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
						SW	SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
VARIOUS STATEWIDE	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		22101	22101												
						DIV	DIV	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
						REG	REG	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
						SW	SW	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.									
VARIOUS STATEWIDE	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		3500	3500												
						DIV	DIV	SIGNAL RETIMING TO IMPROVE SAFETY.									
						REG	REG	SIGNAL RETIMING TO IMPROVE SAFETY.									
						SW	SW	SIGNAL RETIMING TO IMPROVE SAFETY.									
						IN PROGRESS											
VARIOUS STATEWIDE	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		149943	130343	HSIP	R 420 DIV	R 420 DIV									
						HSIP	C 2520 DIV	C 2520 DIV									
						HSIP	R 420 REG	R 420 REG									
						HSIP	C 2520 REG	C 2520 REG									
						HSIP	R 560 SW	R 560 SW									
						HSIP	C 3360 SW	C 3360 SW									
						DIV	DIV	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.									
						REG	REG	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.									
						SW	SW	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.									
						IN PROGRESS											

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HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
HIGHWAY SAFETY PROJECTS																	
VARIOUS STATEWIDE	W-5715	SIGNAL RETIMING TO IMPROVE SAFETY.		15000		HSIP	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	
						HSIP	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	C 450 REG	
						HSIP	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	
						DIV DIV	SIGNAL RETIMING TO IMPROVE SAFETY.										
						REG REG	SIGNAL RETIMING TO IMPROVE SAFETY.										
						SW SW	SIGNAL RETIMING TO IMPROVE SAFETY.										
CONGESTION MITIGATION PROJECTS																	
VARIOUS STATEWIDE	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		51751	41540	CMAQ	PE 817										
						S(M)	PE 204										
						CMAQ	R 817										
						S(M)	R 204										
						CMAQ	C 4901										
						S(M)	C 1226										
						CMAQ	O 817										
						S(M)	O 204										
						CMAQ	I 817										
						S(M)	I 204										
EX																	
VARIOUS STATEWIDE	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702												
EX						IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES											
VARIOUS STATEWIDE	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		1468		CMAQ	PE 118										
						L	PE 29										
						CMAQ	R 118										
						L	R 29										
						CMAQ	C 704										
						L	C 176										
						CMAQ	O 118										
						L	O 29										
						CMAQ	I 118										
						L	I 29										
EX																	

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
CONGESTION MITIGATION PROJECTS																	
VARIOUS STATEWIDE EX	C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		2994	2994	EX A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS										
						EX B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS										
						EX C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.										
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES STATEWIDE EX	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500	IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY											
NORTH CAROLINA STATE UNIVERSITY STATEWIDE EX	C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694	EX A	PHASE 2 OF IMPLEMENTATION										
						IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY											
STATEWIDE STATEWIDE EX	C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000		CMAQ	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	
ENHANCEMENT (ROADSIDE PROJECTS)																	
VARIOUS STATEWIDE DIV	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		43264	3264	BG	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	
						IN PROGRESS											
VARIOUS STATEWIDE	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1412	712	T	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	
						T	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	PE 21 REG	
						T	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	
						DIV DIV	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										
						REG REG	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										
						SW SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.										

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
SAFE ROUTES TO SCHOOLS PROJECTS																	
VARIOUS STATEWIDE	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL,TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435												
DIV						IN PROGRESS											
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		16339	16339												
DIV						IN PROGRESS - $200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C											
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.		13845	1845	TA	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
DIV						IN PROGRESS											
VARIOUS STATEWIDE	EB-5542	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	BG	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	
DIV																	
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476												
TRN						UNDER CONSTRUCTION											
VARIOUS STATEWIDE	EB-6033	SAFE ROUTES TO SCHOOL EDUCATION.															
DIV						OTHER FUNDS REPRESENT MATCH BY LOCAL ENTITY. IN PROGRESS											
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.															
						IN PROGRESS											

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ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
BICYCLE AND PEDESTRIAN PROJECTS																	
VARIOUS STATEWIDE	EB-6037	RAILS TO TRAILS PROGRAM		38750		L	R 3750										
						TALT5	R 15000										
						L					C 20000						
DIV																	
						LOCAL FUNDS REPRESENT LOCAL MATCH FOR RIGHT-OF-WAY AND CONSTRUCTION OF TRAILS BY LOCAL GOVERNMENTS.										
VARIOUS STATEWIDE TRN	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408												
						IN PROGRESS - $182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E											
PUBLIC TRANSPORTATION PROJECTS																	
GREYHOUND LINES STATEWIDE SD	TI-6107	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU											
GREYHOUND LINES STATEWIDE SD	TI-6108	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE VIA WILMINGTON ALONG US 70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA WILMINGTON ALONG US 17		4081	4081	FNU											
						L											
GREYHOUND LINES STATEWIDE SD	TI-6106	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU											
GREYHOUND LINES STATEWIDE SD	TI-6105	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF											
						L											
NCDOT FERRY DIVISION STATEWIDE SD	TA-6535	CAPITAL		789	789	FNF											
						S											

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PUBLIC TRANSPORTATION PROJECTS																	
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE SD	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	7049	FSPR	CP 600										
						S	CP 120										
						FUNDS AUTHORIZED IN PROGRESS											
REGIONAL COORDINATED AREA TRANSPORTION STATEWIDE SD	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH											
STATEWIDE STATEWIDE SD	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE		443	443	FNF											
STATEWIDE STATEWIDE SD	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		90863	36053	FNU	CP 5468	CP 5469	CP 5470	CP 5471	CP 5490	CP 5490	CP 5491	CP 5491			
						L	CP 684	CP 684	CP 684	CP 685	CP 687	CP 687	CP 687	CP 687			
						S	CP 684	CP 684	CP 684	CP 685	CP 687	CP 687	CP 687	CP 687			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TA-6666	5339 BUS AND BUS FACILITIES		60324	12355	FBUS	CP 4448	CP 4449	CP 4450	CP 5004	CP 5005	CP 5005	CP 5005	CP 5005			
						L	CP 556	CP 557	CP 557	CP 625	CP 626	CP 626	CP 626	CP 626			
						S	CP 556	CP 557	CP 557	CP 625	CP 626	CP 626	CP 626	CP 626			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TA-6712	REPLACEMENT OF TRANSIT VEHICLES MEETING USEFUL LIFE		7915	7915	CMAQ											
						L											
STATEWIDE STATEWIDE SD	TC-5004	5311 ADTAP		17751	7669	ADTAP	CP 1008	CP 1008	CP 1009	CP 1009	CP 1010	CP 1010	CP 1011	CP 1011			
						L	CP 115	CP 126	CP 127	CP 127	CP 127	CP 127	CP 127	CP 127			
						S	CP 115	CP 126	CP 127	CP 127	CP 127	CP 127	CP 127	CP 127			
						FUNDS AUTHORIZED IN PROGRESS											

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PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L											
STATEWIDE						S											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU											
STATEWIDE						L											
						S											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		1407	653	ADTAP	AD 92	AD 93	AD 93	AD 94	AD 94	AD 95	AD 96	AD 97			
STATEWIDE																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-6181	5311 ADMINISTRATIVE		204316	57488	FNU	AD 14681	AD 14681	AD 14682	AD 14682	AD 14683	AD 14683	AD 14684	AD 14684			
STATEWIDE						L	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753	AD 2753			
						S	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918	AD 918			
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TK-4900Z	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	16730	FNU	AD 2820	AD 2840	AD 2860	AD 2880	AD 2900	AD 2920	AD 2940	AD 2960			
STATEWIDE																	
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC											
STATEWIDE						L											
SD																	
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	TN-6125	5317 NEW FREEDOM		4756	484	FEP	O 410	O 420	O 430	O 440	O 450	O 460	O 470	O 480			
STATEWIDE						L	O 82	O 84	O 86	O 88	O 90	O 92	O 94	O 96			
SD																	

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PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE STATEWIDE SD	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU											
						L											
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TO-6155	5311 OPERATING AND 5311 OPERATING F		173475	19155	FNU	O 12790	O 12810	O 12830	O 12850	O 12870	O 12890	O 12910	O 12930			
						L	O 6395	O 6405	O 6415	O 6425	O 6435	O 6445	O 6455	O 6465			
STATEWIDE STATEWIDE SD	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU											
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TP-5154	5304 PLANNING		5724	588	FMPL	PL 500	PL 510	PL 520	PL 530	PL 540	PL 550	PL 560	PL 570			
						L	PL 100	PL 102	PL 104	PL 106	PL 108	PL 110	PL 112	PL 114			
STATEWIDE STATEWIDE SD	TQ-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		31363	11365	FEPD	CP 1998	CP 1998	CP 1999	CP 1999	CP 2000	CP 2000	CP 2000	CP 2002			
						L	CP 250	CP 250	CP 250	CP 250	CP 250	CP 250	CP 250	CP 251			
						S	CP 250	CP 250	CP 250	CP 250	CP 250	CP 250	CP 250	CP 251			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TQ-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		26692	11986	FEPD	O 918	O 918	O 919	O 919	O 919	O 920	O 920	O 920			
						L	O 918	O 918	O 919	O 919	O 919	O 920	O 920	O 920			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TS-7001	5329 STATE SAFETY AND OVERSIGHT		5192	516	FED	AD 689	AD 689	AD 689	AD 345	AD 345	AD 345	AD 346	AD 346			
						L								AD 70			
						S	AD 155	AD 155	AD 155	AD 69	AD 69	AD 69	AD 70	AD 70			
STATEWIDE STATEWIDE SD	TS-7000	DEVELOP AMD IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO											

DIV - Division Category EX - Exempt Category SD - State Dollars (Non STI)
HF - State Dollars (Non STI) REG - Regional Category
SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																	
STATEWIDE STATEWIDE SD	TS-4900Z	STATEWIDE RTAP		6787	2707	RTAP	AD 440	AD 460	AD 480	AD 500	AD 520	AD 540	AD 560	AD 580			
						FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE STATEWIDE SD	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF S											
						FUNDS AUTHORIZED IN PROGRESS											
SUB REGIONAL STATEWIDE SD	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	5092	JARC	AD 500										
						FUNDS AUTHORIZED IN PROGRESS											
SUB REGIONAL STATEWIDE SD	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3920	FNF	AD 350										
						FUNDS AUTHORIZED IN PROGRESS											
SUB REGIONAL STATEWIDE SD	TV-4903	5310 STATE ADMIN		11315	6919	FEPD	AD 541	AD 545	AD 545	AD 545	AD 550	AD 550	AD 560	AD 560			
						FUNDS AUTHORIZED IN PROGRESS											
PASSENGER RAIL PROJECTS																	
VARIOUS STATEWIDE	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		14170	4170	T T T	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	PE 300 DIV PE 300 REG PE 400 SW	
						DIV DIV STATEWIDE RAIL PRELIMINARY ENGINEERING REG REG STATEWIDE RAIL PRELIMINARY ENGINEERING SW SW STATEWIDE RAIL PRELIMINARY ENGINEERING											
						IN PROGRESS											
VARIOUS STATEWIDE DIV	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		31944	1944	RR RR	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	R 500 C 2500	
						IN PROGRESS											

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STATEWIDE PROJECT
NON-HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (Miles)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	DELIVERABLE PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	DEVELOPMENTAL PROGRAM FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PASSENGER RAIL PROJECTS																	
VARIOUS STATEWIDE DIV	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		24500		RR				R 500	R 500	R 500	R 500	R 500	R 500	R 500	
						RR				C 3000	C 3000	C 3000	C 3000	C 3000	C 3000	C 3000	
VARIOUS STATEWIDE DIV	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		7000		RR	R 500	R 500									
						RR	C 3000	C 3000									
VARIOUS STATEWIDE DIV	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14847	14847												
						IN PROGRESS											
VARIOUS STATEWIDE DIV	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841												
						IN PROGRESS											
NORTH CAROLINA RAILROAD STATEWIDE EX	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456												
						IN PROGRESS											

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SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

FISCAL CONSTRAINT - STIP FUNDING SUMMARY 2020 - 2023 (September 2019)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	*(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)* FY 2020	FY 2021	FY 2022	FY 2023
BGANY	Surface Transportation Block Grant Program (Any Area)	F			13311	26309
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	F	2928	2982	2874	3043
HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM	F	212			
L	Local	O	1383	1200	3250	760
NHP	National Highway Performance Program	F	18873	19062	15762	34055
NHPB	National Highway Performance Program(Bridge)	F	4120			
NHPIM	National Highway Performance Program (Interstate Maintenance)	F		1421	5402	5456
S	State	S	28	42		
T	Highway Trust Funds	S	39499	44041	12715	41711
TA	Transportation Alternatives Program (Uncategorized)	F	64			
		SUBTOTAL	67107	68748	53314	111334

FUNDING TYPES: "F" - Federal "S" - State "O" - Other "C" - City

FISCAL CONSTRAINT - STIP FUNDING SUMMARY 2020 - 2023 (September 2019)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

NON-HIGHWAY PROGRAM

FUNDING	FUNDING DESCRIPTION	FUNDING TYPE	*(ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)* FY 2020	FY 2021	FY 2022	FY 2023
BGANY	Surface Transportation Block Grant Program (Any Area)	F	749			
BGDA	Surface Transportation Block Grant Program (Direct Attributable)	F	24		139	
DP	Discretionary or Demonstration	F			24460	
FBUS	Capital Program - Bus Earmark (5309)	F	3563	263		
FEPD	Elderly and Persons with Disability (5310)	F	242	117	118	
FMPL	Metropolitan Planning (5303)	F	385	389	393	397
FNU	Non Urbanised Area Formula Program (5311)	F	218	220	222	225
FUZ	Capital Program - Bus Earmark (5309)	F	2818	2183	2204	2281
L	Local	O	3808	3489	2960	3970
O	Local, Non Federal or State Funds	O		3491	5433	
S	State	S	374	40	14	14
SMAP	Operating Assistance and State Maintenance	S	849	857	866	874
T	Highway Trust Funds	S	482	6800	9708	8776
TAANY	Transportation Alternatives Program (Any Area)	F	150			
TADA	Transportation Alternatives Program (Direct Attributable)	F	701	338	98	0
		SUBTOTAL	14363	18187	46615	16537
		TOTAL	81470	86935	99929	127871

FUNDING TYPES: "F" - Federal "S" - State "O" - Other "C" - City

Tuesday, August 27, 2019

Aviation Fiscally Constrained Projects 07.17.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
ILM CIP		Terminal Improvements Part 3 (Construction)	2020	$16,400,000
ILM CIP		Air Carrier Expansion	2025	$4,000,000
ILM CIP		Taxiway B Improvements adjacent to Terminal Apron and Rename Taxiways	2025	$7,000,000
AV-5730		EXTEND RUNWAY 6-24 PHASE 1	2025	$5,000,000
AV-5795		EXPAND THE GENERAL AVIATION APRON	2025	$500,000
AV-5801		EXPANSION OF CARRIER APRON	2025	$500,000
AV-5798		TAXIWAY IMPROVEMENTS	2030	$500,000
AV-5799		WIDEN NORTH-SOUTH TAXIWAY SYSTEM	2030	$500,000
AV-5796		INCREASE WIDTH OF ALL TAXIWAYS	2030	$500,000
A - 21	1	Expand Air Carrier Auto Parking	2025	$4,878,770
A - 23	3	Perimeter Road Development (Phase II)	2025	$1,532,190
A - 25	4	Overlay Airport Boulevard, Building Circulation, and Surrounding Roadways	2025	$1,334,708
A - 33	5	Perimeter Road Improvements	2025	$1,433,024
A - 36	6	2nd GA Hangar Aircraft Taxi Lane (North GA #2)	2025	$1,738,911
A - 37	15	Runway 35 Wind Cone/PAPI Replacement	2025	$579,637
A - 22	2	Rehabilitate Runway 6-24 and Taxiway B	2030	$19,108,265
A - 29	8	Runway 17/35 Extension and Safety Area Improvements	2030	$9,032,362
A - 31	9	Roadway 17/35 Taxiway System Maintenance, Overlay, and Widening	2030	$6,870,447
A - 24	7	Airline and Customs Apron- Clean/Seal Joints and Repair Pavements	2035	$1,601,549
A - 7	10	GA Apron Development Phase II	2035	$2,332,505
A - 14	11	Extend Runway 24- Phase II of IV	2035	$10,163,971
A - 26	12	Northside FBO #2 GA Apron and Hangar Development (Phase I)	2035	$14,041,878
A - 19	13	Apron Maintenance	2035	$2,593,989
A - 30	14	Upgrade Visual Approach Aids and Runway Lighting	2035	$397,818
A - 18	16	Land Acquisition for ASR Site Relocation	2040	$1,639,143
A - 27	17	Map Utilities and Provide Geographic Information System (GIS) Airport Interface	2040	$257,508

Total All Projects Cost	$87,036,675
Total Fiscally Constrained Projects Cost	$87,036,675
Total Fiscally Constrained Projects	23
Forecasted Revenue	$149,497,397

Programmed in 2018-2027 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

BikePed Fiscally Constrained Projects 07.17.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
EB-6029		Clarendon Avenue		$ 645,000
EB-6028		Market St Signalized Pedestrian Crossing		$ 125,000
EB-5719		Peachtree Avenue Bicycle Lane		$ 187,000
BP - 700	8	MARKET ST & LULLWATER DR	2025	$ 28,300
BP - 35	9	College Rd MUP Ph I	2025	$ 2,920,000
BP - 559	12	Cross City Trail MUP	2025	$ 2,750,000
BP - 52	13	Oleander Dr BikePed Improvements	2025	$ 1,770,000
BP - 36	14	College Rd MUP Ph II	2025	$ 2,480,000
BP - 788	16	3rd St. and Brunswick St.	2025	$ 28,300
BP - 16	17	Independence Blvd Extension MUP	2025	$ 4,410,000
BP - 681	21	OLEANDER DR & DAWSON ST	2025	$ 74,000
BP - 233	23	Floral Pkwy BikePed Improvements	2025	$ 850,000
BP - 619	27	Carolina Beach Rd & Antoinette Dr	2025	$ 75,700
BP - 661	28	COLLEGE RD & RANDALL PKWY	2025	$ 28,300
BP - 589	30	Carolina Beach Rd. and Shipyard Pedestrian Crossing Improvements	2025	$ 53,400
BP - 649	31	New Centre Dr & N College Rd	2025	$ 53,800
BP - 722	33	3RD ST N & RED CROSS ST	2025	$ 28,300
BP - 604	35	Lewis Dr & Lake Park Blvd	2025	$ 63,200
BP - 846	36	St. Joseph and Lake Park Intersection Improvements	2025	$ 29,200
BP - 765	39	10TH ST & WOOSTER ST	2025	$ 61,200
BP - 636	41	University Drive & S College Rd	2025	$ 47,400
BP - 560	47	US 421/Carolina Beach Rd and Halyburton Pkwy BikePed Crossing Improvements	2025	$ 75,100
BP - 698	48	Market St. and Barclay Hills Dr Pedestrian Crossing Improvements	2025	$ 39,800
BP - 744	49	10TH ST & DAWSON ST	2025	$ 61,200
BP - 775	50	MILITARY CUTOFF RD & DESTINY WAY_FRESCO DR	2025	$ 50,800
BP - 581	55	Carolina Beach Rd & College Rd	2025	$ 81,300
BP - 774	56	MILITARY CUTOFF RD & SIR TYLER DR/MAIN ST	2025	$ 50,800
BP - 591	58	Greenville Loop Rd. & Oleander Dr.	2025	$ 40,100
BP - 646	61	College rd & Oleander Dr	2025	$ 77,400
BP - 648	66	Military Cuttoff Rd & Eastwood Rd	2025	$ 28,300

Programmed in 2018-2027 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

*Fiscally constrained project list has been amended based on comments by the CAC to place emphasis on projects <$5 million, that removed bike lanes on high speed corridors, and that provide bicycle and pedestrian facilities

BP - 584	71	College Rd & Shopping Center Entrance	2025	$ 65,500
BP - 590	74	Military Cutoff Rd & Wrightsville Ave	2025	$ 40,000
BP - 597	75	17Th St & Glen Meade Rd	2025	$ 75,400
BP - 639	76	S 21st St & Market St	2025	$ 48,700
BP - 669	77	3RD ST & DAWSON ST	2025	$ 62,500
BP - 635	79	Parker Farm Dr & Military Cutoff Rd	2025	$ 41,000
BP - 574	88	Drysdale Dr & Military Cutoff Rd	2025	$ 31,000
BP - 546	29	College Rd. Central Trail	2030	$ 2,490,000
BP - 15	40	Independence Blvd MUP Ph II	2030	$ 2,240,000
BP - 28	42	Causeway Dr Bicyclist Improvements	2030	$ 1,160,000
BP - 381	44	John D. Barry Bike Lanes	2030	$ 2,500,000
BP - 361	52	College Rd. Central Trail Ext.	2030	$ 2,420,000
BP - 754	82	Princess Place Dr. and 30th. St.	2030	$ 78,600
BP - 281	85	Waynick Blvd.	2030	$ 1,090,000
BP - 594	89	Carolina Beach Rd & Independence Blvd	2030	$ 75,900
BP - 633	90	Military Cutoff Rd & Cayman Court	2030	$ 58,300
BP - 647	91	Market St & Gordon Rd	2030	$ 91,100
BP - 579	92	Military Cutoff Rd & Station Rd	2030	$ 58,500
BP - 642	93	Eastwood Rd & Bay Creek Dr	2030	$ 32,800
BP - 795	100	GORDON RD & NETHERLANDS DR	2030	$ 59,500
BP - 839	102	US 17 & W GATE DR/GRANDIFLORA DR	2030	$ 75,900
BP - 563	107	Causeway Dr & Salisbury St	2030	$ 60,600
BP - 855	108	Echo Farms and George Anderson Crossing Improvements	2030	$ 91,100
BP - 468b	46	Downtown Trail Greenway (Phase II, Nutt St to Burnt Mill Creek)	2035	$ 6,840,000
BP - 556	54	17th St NHC Library Connection	2035	$ 2,650,000
BP - 860	64	Wrightsville Beach Sidewalk Realighnment	2035	$ 3,790,000
BP - 12	94	US 17 MUP	2035	$ 530,000
BP - 849	110	Lake park Blvd and CB Lake Park Intersection Impro	2035	$ 39,300
BP - 468a	57	Downtown Trail Greenway (Phase I, Riverfront Boardwalk to Bess St)	2040	$ 8,310,000
BP - 49	72	Peachtree Ave BikePed Improvement	2040	$ 2,760,000
BP - 193	97	Lake Ave BikePed Improvements	2040	$ 1,410,000
BP - 298	112	Chappell Loop	2040	$ 250,000
BP - 580	116	Carolina Beach Rd. and Mateo Dr. Pedestrian Crossing Improvements	2040	$ 120,000
BP - 577	118	Bayshore Dr & Market St	2040	$ 100,000
BP - 626	119	River Rd & Carolina Beach Rd	2040	$ 99,300
BP - 644	120	Causeway Dr & LuminaSt	2040	$ 44,100
BP - 838	121	US 17 & OLDE WATERFORD WY/PLOOF RD SE	2040	$ 84,300
BP - 842	125	US 17 & Lanvale Rd NE (Provision Parkway)	2040	$ 160,000

BP - 851	127	North Carolina Ave and Lake Park Blvd Intersection	2040	$ 45,500
BP - 792	130	US 17/MARKET ST & N GREEN MEADOWS DR	2040	$ 80,000
BP - 845	131	Harper and Canal Intersection Improvements	2040	$ 59,200
BP - 572	135	US 421 & Isabel Holmes Bridge	2040	$ 65,900
BP - 854	136	Harper Ave and 7th St Intersection Improvements	2040	$ 45,500
BP - 625	139	Sanders Rd & River Rd	2040	$ 93,000
BP - 843	140	K AVE & 421	2040	$ 110,000
BP - 852	144	South Carolina Ave and Lake Park Blvd Intersection	2040	$ 45,500
BP - 131	146	Lossen Lane Bike/Ped Improvement	2040	$ 1,500,000
BP - 627	149	Piner Rd & Myrtle Grove Rd	2040	$ 93,700
BP - 853	157	Texas Ave and Lake Park Blvd Intersection Improvement	2040	$ 45,500
BP-1	37	5th Ave Bike Lane	2045	$ 2,600,000
BP-432	69	South Smith Creek Trail	2045	$ 10,130,000
BP-322	113	Carolina Beach Waterfront Trail	2045	$ 4,710,000
BP - 268	1	Leland/Wilmington BikePed Connection	2045+	$ 48,320,000
BP - 456	2	College Rd Bike Lanes	2045+	$ 27,340,000
BP - 270	3	3rd Street MUP	2045+	$ 10,490,000
BP - 861	4	Market St. Bike Lanes	2045+	$ 11,790,000
BP - 308	5	Shipyard Trail	2045+	$ 15,810,000
BP - 457	6	Kerr Ave. Bike Lanes	2045+	$ 14,510,000
BP - 458	7	Wrightsville Avenue BikePed Improvements	2045+	$ 35,430,000
BP - 303	10	Dow Rd. Trail	2045+	$ 24,770,000
BP - 316	11	River to Sea Trail	2045+	$ 21,710,000
BP - 373	15	Gordon Rd BikePed Improvements	2045+	$ 34,070,000
BP - 307	18	Carolina Beach Rd Trail	2045+	$ 29,080,000
BP - 426	19	North Smith Creek Trail	2045+	$ 25,650,000
BP - 464	20	Carolina Beach Rd BikePed Improvements	2045+	$ 48,350,000
BP - 45	22	Wilshire Blvd BikePed Improvements	2045+	$ 12,270,000
BP - 277	24	Masonboro Loop Trail I	2045+	$ 17,800,000
BP - 336	25	Airlie Rd. MUP	2045+	$ 12,750,000
BP - 398	26	New Centre Dr BikePed Improvements	2045+	$ 21,840,000
BP - 396	32	Military Cutoff Bike Lanes	2045+	$ 7,100,000
BP - 297	34	Village Rd Loop	2045+	$ 10,720,000
BP - 147a	38	Central Blvd/Morningside Dr Bike Lanes	2045+	$ 120,000
BP - 147b	38	Central Blvd/Morningside Dr Bike Lanes	2045+	$ 10,820,000
BP - 471	60	Front St. Sharrow	2045+	$ 40,000
BP - 370	43	Front St. Sharrow	2045+	$ 62,800
BP - 324	45	US HWY 421 Trail	2045+	$ 29,400,000
BP - 269	51	Masonboro Loop Trail II	2045+	$ 22,340,000
BP - 551	53	Central Lake Park Blvd. Sidewalks	2045+	$ 18,990,000
BP - 39	59	Burnt Mill Creek Path	2045+	$ 10,720,000

BP - 305	62	South Carolina Beach Rd Trail	2045+	$	25,330,000
BP - 423	63	Market St Rail Trail	2045+	$	22,090,000
BP - 441	65	Causeway Dr Sharrows	2045+	$	150,000
BP - 306	67	South River Rd Trail II	2045+	$	41,480,000
BP - 355	68	Castle Hayne Rd. Bike Lanes	2045+	$	12,370,000
BP - 437	70	Castle Hayne Rd. Bike Lanes	2045+	$	11,700,000
BP - 276	73	River Rd MUP	2045+	$	23,160,000
BP - 397	78	New Centre Dr Bicycle Lanes I	2045+	$	4,880,000
BP - 304	80	Snow's Cut Bike/Ped Bridge	2045+	$	21,230,000
BP - 433	81	Myrtle Grove Rd Trail	2045+	$	25,880,000
BP -280	83	College Acres MUP	2045+	$	8,170,000
BP - 325	84	Wrighsville Beach Trail	2045+	$	33,250,000
BP - 349	86	Cape Fear Blvd.	2045+	$	11,350,000
BP - 406	87	Princess Street Sharrows	2045+	$	150,000
BP - 345	96	Blue Clay Rd Bicycle Lanes II	2045+	$	12,020,000
BP - 301	98	I-140 East Trail	2045+	$	33,370,000
BP - 442	99	Lumina Ave Sharrows	2045+	$	270,000
BP - 239	101	Brunswick Nature Park Connector I	2045+	$	6,760,000
BP - 430	103	North River Rd Trail (Remaining Section)	2045+	$	14,970,000
BP - 856	104	Cape Fear River Crossing	2045+	$	25,460,000
BP - 14,285	105	Independence Blvd MUP Ph I	2045+	$	5,510,000
BP - 240	106	Blackwell Rd SE Trail	2045+	$	5,530,000
BP - 859	109	Brunswick Forest to Town Creek Park and Schools	2045+	$	14,430,000
BP - 238	111	Brunswick Nature Park Connector II	2045+	$	11,370,000
BP - 326	114	Rogersville Rd Trail	2045+	$	6,740,000
BP - 409	115	St. Joseph St. Bike Lane and Sidewalk	2045+	$	18,610,000
BP - 273	117	Country Club MUP	2045+	$	10,200,000
BP - 247	122	Sloop Point Loop Rd MUP	2045+	$	14,200,000
BP - 411	123	Sidbury Rd BikePed Improvements	2045+	$	7,100,000
BP - 246	124	Fort Fisher Blvd. BikePed	2045+	$	2,850,000
BP - 179/209	126	Hampstead Bypass Path	2045+	$	57,890,000
BP - 56	128	Claredon Ave MUP	2045+	$	6,130,000
BP - 165	129	Navaho Trail MUP	2045+	$	16,440,000
BP - 13	132	West Gate Park Connector	2045+	$	3,980,000
BP - 180	133	NC 133 MUP	2045+	$	4,960,000
BP - 212	134	US 117/College Rd. BikePed Improvements	2045+	$	10,260,000
BP - 178	137	Sidbury Rd BikePed Improvements	2045+	$	26,130,000
BP - 146	138	Halifax Rd. Pike/Ped. Improvement	2045+	$	6,160,000
BP - 223	141	Hoover Rd. MUP	2045+	$	3,870,000
BP - 275	142	Landsdown Rd. MUP	2045+	$	4,520,000
BP - 862	143	Leland MUP	2045+	$	14,700,000
BP - 261	145	Cedar Hill Rd. MUP	2045+	$	4,980,000
BP - 282	147	South River Rd Trail I	2045+	$	4,960,000
BP - 237	148	Fletcher Rd NE MUP	2045+	$	3,330,000

BP - 286	150	Ploof Rd Path	2045+	$ 3,660,000
BP - 300	151	Porters Neck Rd Trail	2045+	$ 28,290,000
BP - 337	152	Alabama Ave MUP	2045+	$ 4,670,000
BP - 858	153	Belvile Elementary Connector in Belville	2045+	$ 2,300,000
BP - 248	154	Chappell Loop Rd. BikePed	2045+	$ 8,230,000
BP - 201	155	NC 133 MUP	2045+	$ 4,150,000
BP - 206	156	Island Creek Rd BikePed Improvements	2045+	$ 24,160,000
BP - 42	158	Jenkins Road BikePed	2045+	$ 1,090,000
BP - 43	159	St. Johns Church Rd. BikePed	2045+	$ 2,300,000
BP - 97	160	Plantation Road BikePed Improvements	2045+	$ 9,610,000
BP - 561	161	Carolina Beach Rd & Myrtle Grove Rd	2045+	$ 130,000
BP - 224	162	Hoover Rd. MUP	2045+	$ 43,970,000
BP - 376	163	Holly Shelter Rd BikePed Improvements	2045+	$ 29,730,000
BP - 469	164	Ocean Blvd MUP	2045+	$ 9,190,000
BP - 834	165	Ocean Ave & Island Greenway	2045+	$ 52,100
BP - 272	166	Mallory Creek MUP	2045+	$ 5,460,000
BP - 344	167	Blue Clay Rd Bicycle Lanes I	2045+	$ 8,730,000
BP - 323	168	Western Rail Corridor Trail	2045+	$ 12,310,000
BP - 249	169	Jackey's Creek Connector MUP	2045+	$ 480,000
BP - 857	170	Apache Trail MUP	2045+	$ 1,820,000
BP - 341	171	Bayfield Dr Sharrow	2045+	$ 170,000
BP - 194	172	Independence Mall Frontage	2045+	$ 5,050,000

Total All Projects Cost		$1,403,705,000
Total Fiscally Constrained Projects Cost		$76,970,100
Total Fiscally Constrained Projects		82
Forecasted Revenue		$77,033,371

Ferry and Water Transportation Fiscally Constrained Projects 07.17.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
F-5703		Replacement Vessel (support fleet)	2025	$3,250,000
F-2	3	Southport Additional Mooring Facility	2025	$5,796,370
F-24	7	Fort Fisher Pedestrian Improvements	2025	$39,006
F-22	4	Fort Fisher Mooring Facility	2030	$6,719,582
F-3	5	New River Class Vessel (3rd Ferry)	2035	$18,883,582
F-10	6	New River Class Vessel (4th Ferry)	2035	$18,883,582
F-5	8	Downtown Wilmington Ferry/Taxi Stop	2045	$444,258
F-10	9	Carolina Beach Ferry/Taxi Stop	2045	$444,258
F-6	10	Central Marina/Independence Terminal	2045	$3,331,934
F-4	11	Wrightsville Beach Ferry/Taxi Stop	2045	$444,258

Total All Projects Cost	$58,236,830
Total Fiscally Constrained Projects Cost	$58,236,830
Total Fiscally Constrained Projects	10
Forecasted Revenue	$58,697,582

Programmed in 2018-2027 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

Freight Rail Fiscally Constrained Projects 07.17.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
PROG	3	Wilmington Beltline Improvements	2035	$ 41,400,000
FR-17	4	North Gate Separation	2025	$ 2,755,652
RW-65	5	Front Street RR Crossings	2025	$ 1,095,000
FR-22	6	Davis Yard At-grade Crossing (Cedar Hill Rd Safety Improvement)	2025	$ 365,171
FR-15	7	US 421 Railroad Crossing	2025	$ 365,171
FR-21	10	Extension to Pender Commerce Park	2035	$ 9,347,804
FR-24	11	Redesign railroad interchange near Northwest District Park (CSX/USARMY)	2045	$15,464,046
FR-18	1	Rail Realignment	2045+	$ 1,321,173,874
FR-16	2	South Gate Grade Separation	2045+	$ 40,229,403
FR-7	8	Re-establish tracks Castle Hayne to Wallace	2045+	$ 322,207,323
FR-23	9	New service Malmo to Whiteville	2045+	$ 24,601,891
FR-19	12	Rail Transit on Downtown Wilmington rail corridor	2045+	$ 43,115,075

Programmed in 2018-2027 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

Total All Projects Cost	$1,822,120,411
Total Fiscally Constrained Projects Cost	$29,392,845
Total Fiscally Constrained Projects	7
Forecasted Revenue	$31,736,429

*This does not include $41,400,000 Wilmington Beltline Improvement Project

*This does not include $41,400,000 CRISI Grant for Beltline Improvements

*Projects should remain in order by planning year (rank may become out of order)

Public Transportation Fiscally Constrained Projects 07.17.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
TA-5222		REPLACEMENT LTV	2025	$ 624,000
TA-5221		REPLACEMENT LTV	2025	$ 226,000
TA-5223		REPLACEMENT BUS	2025	$ 3,234,000
TG-6177		ROUTE 201 UPGRADE AMMENITIES AND BUS STOPS	2025	$ 66,000
TD-5291		Route 204 Amenity Upgrades (Brunswick Connector)	2030	$ 136,000
TD-5292		Route 202 Amenity Upgrades (Oleander West)	2030	$ 136,000
TD-5296		Route 205 Amenity Upgrades (Long Leaf Park)	2030	$ 166,000
TD-5298		Route 101 Amenity Upgrades	2030	$ 196,000
TD-5290		Route 106 Amenity Upgrades (Shipyard Boulevard)	2030	$ 76,000
TG-4796		ROUTINE CAPITAL - BUS STOP SHELTERS,BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC.	2030	$ 420,000
PT-40	2	Independence Blvd at Park Ave	2025	$ 2,275
PT-17	3	Sigmon Rd at Walmart (Wilmington)	2025	$ 25,028
PT-33	4	Military Cutoff Rd at Old Macumber Station Rd	2025	$ 25,028
PT-65	5	Dawson St at 9th St	2025	$ 25,028
PT-94	6	17th St at Food Lion Plaza	2025	$ 25,028
PT-152	11	earlier weekday service on high ridership routes (108)	2025	$ 42,655
PT-15	12	Market St & Kerr Ave	2025	$ 25,028
PT-28	13	Randall Pkwy at Brailsford Dr	2025	$ 25,028
PT-29	14	Market St at Covil Ave	2025	$ 25,028
PT-73	15	S 5th St at Dawson St	2025	$ 2,275
PT-74	16	S 10th St at Meares St	2025	$ 2,275
PT-151	20	Earlier weekday service on high ridership routes (105)	2025	$ 63,427
PT-153	21	earlier weekday service on high ridership routes (201)	2025	$ 80,025
PT-21	22	Oleander Dr at Hawthorne Dr	2025	$ 2,275

Programmed in 2018-2027 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

Alternative funding projects

PT-154	24	earlier weekday service on high ridership routes (205)	2025	$ 36,910
PT-154	24	wifi on buses	2025	$ 144,504
PT-79	25	Wellington Ave at Flint Dr	2025	$ 2,275
PT-80	27	Greenfield St at S 13th St	2025	$ 25,028
PT-26	28	NHC Gvt Center at Government Center Dr	2025	$ 25,028
PT-77	29	Wellington Ave at Silver Stream Ln	2025	$ 2,275
PT-149	31	Upgrade route 107 to hourly to align with route 301	2025	$ 209,079
PT-90	36	Wellington at 17th St	2025	$ 2,275
PT-30	40	New Centre Dr at Bob King Buick	2025	$ 2,275
PT-41	41	Wilshire Blvd at Berkshires at Pelican Cove	2025	$ 2,275
PT-99	44	Carolina Beach Rd at S College Rd	2025	$ 6,149
PT-104	45	US17 at Walmart	2025	$ 6,149
PT-45	49	Marion Dr at Rutledge Dr	2025	$ 2,275
PT-13	57	Nixon St at N 5th St	2025	$ 861
PT-12	72	Nixon St & N 8th St	2025	$ 861
PT-146	7	Route 301 hourly frequency	2030	$ 1,268,927
PT-153	9	Creekwood on Demand Service off peak hours	2030	$ 881,120
PT-150	23	Rush hour service on high ridership routes 8-11am and 3-5pm(205)	2030	$ 840,034
PT-27	32	S College & Randall Pkwy	2030	$ 29,014
PT-64	33	S 5th St at Castle St	2030	$ 29,014
PT-42	73	Wilshire Blvd at S Kerr Ave	2030	$ 2,638
PT-135	8	Extend trolley service frequency	2035	$ 2,942,069
PT-148	10	Rush hour service on high ridership routes 8-11am and 3-5pm(108)	2035	$ 1,125,428
PT-9	17	Route 104, 30 minute frequency	2035	$ 1,471,034
PT-91	34	Village Road at Food Lion	2035	$ 33,635
PT-44	35	Carolina Beach Rd at Roses	2035	$ 33,635
PT-16	38	Market St at Lullwater Dr	2035	$ 33,635
PT-35	39	S 16th St at Wright St	2035	$ 33,635
PT-18	42	S College Rd (SB) at University Dr	2035	$ 33,635
PT-118	46	Galleria Mall	2035	$ 8,264
PT-119	47	Mayfaire Mall	2035	$ 8,264
PT-22	51	Oleander Dr at Giles Ave	2035	$ 3,058
PT-11	106	Princess Place Dr at N 25th St	2035	$ 1,157
PT-147	18	Rush hour service on high ridership routes 8-11am and 3-5pm(105)	2040	$ 1,940,010
PT-149	19	Rush hour service on high ridership routes 8-11am and 3-5pm (201)	2040	$ 2,447,704
PT-151	26	Pleasure Island Trolley, with bus stop at ferry, and amenities	2040	$ 1,705,332
PT-19	43	S College Rd at Wilshire Blvd	2040	$ 38,993

PT-132	48	Satellite beach parking with bus station hub	2040	$ 237,180
PT-150	50	Route 204 extended service to 9pm and weekends	2040	$ 130,295
PT-25	52	S College Rd (NB) at University Dr	2040	$ 38,993
PT-53	53	Carolina Beach Rd at Tenessee Ave (BoA)	2040	$ 38,993
PT-103	54	Market St at Porters Neck Rd	2040	$ 9,581
PT-100	59	I-40 at Cape Fear Community College N Campus	2040	$ 9,581
PT-37	61	Shipyard Boulevard at Commons Dr	2040	$ 3,545
PT-66	62	Lake Ave at S College Rd	2040	$ 3,545
PT-98	66	Carolina Beach Rd at Snow's Cut Bridge	2040	$ 9,581
PT-102	67	Market St at Middle Sound Loop Rd	2040	$ 9,581
PT-105	68	US17 at Island Creek Rd (NC210)	2040	$ 9,581
PT-78	69	Wellington Ave at Troy Dr	2040	$ 3,545
PT-70	80	5th St at Ann St	2040	$ 3,545
PT-5	30	New route through Masonboro loop rd. hourly service heavy duty bus	2045	$ 1,976,947
PT-8	37	New Route to Porters Neck , heavy duty bus	2045	$ 1,976,947
PT-112	55	I-140 at US17	2045	$ 274,957
PT-155	56	military cutoff rd high density local route	2045	$ 588,642
PT-140	58	Public Transportation to and from the Ferry	2045	$ 1,976,947
PT-107	60	WAVE Central Station - Forden Station	2045	$ 274,957
PT-10	64	Princess Place Dr at Montgomery Ave	2045	$ 45,203
PT-87	65	Rankin St at 11th St	2045	$ 45,203
PT-67	70	Shipyard Blvd at S 41st St	2045	$ 45,203
PT-154	71	solar lights at bus stops	2045	$ 330,084
PT-34	75	Gordon Rd at Food Lion	2045	$ 45,203
PT-38	76	Independence Blvd at Canterbury Dr	2045	$ 45,203
PT-47	77	Market St at N 16th St	2045	$ 45,203
PT-121	81	Fairfield Park	2045	$ 11,106
PT-120	85	Barclay West	2045	$ 11,106
PT-31	92	Eastwood Rd at Rogersville Rd	2045	$ 4,109
PT-82	1	Wilmington Multimodal Transportation Center (Phase 1B)	2045+	$ 3,559,422
PT-124	63	Wrightsville Beach on Demand (shuttle route) $200,000 operation cost	2045+	$ 1,765,925
PT-152	74	Service To River Lights development	2045+	$ 1,976,947
PT-75	78	Cypress Grove Dr at Doctors Cir	2045+	$ 45,203
PT-76	79	Medical Center Dr at Delaney Radiologists	2045+	$ 45,203
PT-36	82	S 17th St at Glen Meade Rd	2045+	$ 45,203
PT-39	83	Independence Blvd (Independence mall transfer station)	2045+	$ 45,203
PT-56	84	Mount Misery Rd at Food Lion	2045+	$ 45,203
PT-123	86	Leland Town Hall	2045+	$ 11,106
PT-57	87	Village Rd & S Navassa Rd	2045+	$ 45,203

PT-58	88	West Gate Dr at Walmart (Leland)	2045+	$	45,203
PT-59	89	N Front St Harnett St	2045+	$	45,203
PT-109	90	I-140 at US74/76	2045+	$	11,106
PT-137	91	Shelter needed.	2045+	$	41,094
PT-62	93	Carl Winner Ave at Carolina Beach Ave N	2045+	$	45,203
PT-92	94	N Lake Park Blvd at Town Hall	2045+	$	45,203
PT-114	95	US17 at Sidbury Rd	2045+	$	11,106
PT-20	96	Oleander Dr at Whole Foods	2045+	$	4,109
PT-55	97	Main St at Church St (Navassa)	2045+	$	45,203
PT-101	98	I-40 at Holly Shelter Rd	2045+	$	274,957
PT-126	99	Bus Stop at Market St. Walmart	2045+	$	55,844
PT-50	100	Carolina Beach Rd at Silva Terra Dr	2045+	$	45,203
PT-49	101	Carolina Beach Rd at Independence Blvd	2045+	$	45,203
PT-48	102	Carolina Beach Rd at Southern Blvd	2045+	$	4,109
PT-106	103	US17/74/76 at River Rd (NC133) - Belville	2045+	$	274,957
PT-88	104	16th St at Kidder St	2045+	$	4,109
PT-122	105	Terminus of Independence Boulevard	2045+	$	11,106
PT-125	107	Trolley replacements	2045+	$	7,330,254
PT-154	108	wifi on buses	2045+	$	260,991
PT-142	109	automatic passenger counter (APC)	2045+	$	539,273
PT-145	110	Modern Fare Collection Service	2045+	$	1,485,126
PT-116	111	US421 at Cowpens Landing Rd	2045+	$	274,957
PT-32	112	Wrightsville Avenue at Jones Rd	2045+	$	4,109
PT-97	113	Front St at Ann St	2045+	$	4,109
PT-136	114	Electric Bus investment	2045+	$	14,216,250

Total All Projects Cost		$61,942,037
Total Fiscally Constrained Projects Cost		$29,233,426
Total Fiscally Constrained Projects		91
Forecasted Revenue		$29,236,306

PT-144	1	Rail Realignment Part B (Alternative 1) Tram	2045+	$	309,879,134
PT-156	2	Rail Realignment Part B (Alternative 3) Tram	2045+	$	280,566,243
PT-157	3	Rail Realignment Part B (Alternative 5) Tram	2045+	$	394,467,762
PT-1	5	Light Rail on Market St	2045+	$	577,002,387
PT-7	6	Light Rail system from Downtown to ILM	2045+	$	419,638,100
PT-82	1	Wilmington Multimodal Transportation Center (Phase 2, Rail Portion)	2045+	$	123,147,643

Total Project Cost		$2,104,701,268

Roadway Fiscally Constrained Projects 08.28.2019				
Project ID	Rank	Project Name	Planning Year	Planning Year Cost
R-3300		Hampstead Bypass	2025	$81,600,000
U-5863		NC 133/Castle Hayne Rd Widening	2025	$30,374,000
U-5704		US 76 (Oleander Dr) & NC 132 (College Rd) Interchange	2025	$55,300,000
U-5790		US 421/Carolina Bead Rd Widening and Intersection improvements	2025	$25,094,000
U-5734		US 421/Front St Widening	2025	$26,000,000
U-5729		US 421/Carolina Beach Rd Upgrade	2025	$13,000,000
U-4751		Military Cutoff Rd Extension	2025	$47,650,000
U-4434		Independence Blvd Extension	2025	$100,433,000
U-5732		US 17 Superstreet	2025	$19,389,000
R-2633		I-140 Wilmington Bypass	2025	$88,810,000
U-5731		Isabel Holmes Bridge Flyovers	2025	$36,000,000
U-5792		US 74/MLK & College Rd Intersection	2025	$25,110,000
U-5710		US 74/Eastwood Rd & Military Cutoff Rd	2025	$29,637,000
U-4902		Market St (US 17) access management improvements (Includes US74&Market Interchange and RW - 142)	2025	$59,300,000
U-3338		Kerr Ave Widening	2025	$20,500,000
U-5702		College Rd access management	2025	$100,966,000
U-5881		College Rd upgrade roadway	2025	$81,700,000
U-5914		NC 133 Modernize Roadway	2025	$1,800,000
U-5926		New Route 23rd St to 26th St	2025	$5,322,000
U-6083		North 23rd Street widening	2030	$23,000,000
U-6080		Kerr Ave Widening	2030	$25,900,000
U-5954		NC 133 and North 23rd St Roundabout	2030	$2,350,000
U-6201		Kerr Ave Extension	2030	$5,400,000
U-6199		Wilmington Citywide Signal System	2030	$15,960,000
U-6128		US 76 Oleander Dr intersection Greenville Loop and Greenville Ave	2035	$9,500,000
U-6202		Gordon Rd Widening	2035	$85,115,000

Programmed in 2018-2027 STIP, Draft 2020 - 2029 STIP

Fiscally constrained projects

Unfunded during planning horizon projects

U-4738		Cape Fear Crossing (Unfunded Portion)*	2045	1152000000*
RW - 216	1	CoW Signal Ethernet improvements	2025	$338,604
RW - 124	2	US 117/Shipyard Boulevard Speed Sensors and Warning	2025	$20,000
RW - 219	5	US 17 BUS/Market Street Road Diet (I of II)	2025	$2,620,000
RW-227	63	US 74/Salisbury Street & Lumina Avenue Streetscape	2025	$705,257
RW - 10	66	New Centre Drive Extension to Clear Run	2025	$1,290,000
RW - 137	67	US 117 and NC 210 Intersection Improvements	2025	$1,260,000
RW - 176	6	Old Fayetteville Road Interchange	2030	$43,410,000
RW - 17	7	US 17/76 (Oleander) Access Management Improvements	2030	$20,860,000
RW - 220	8	US 17 BUS/Market Street Road Diet (II of II)	2030	$4,230,000
RW - 92	10	Dawson Street Streetscape	2030	$6,370,000
RW - 106	11	US17 to NC133 Connector Road	2030	$48,110,000
RW - 93	19	Wooster Street Streetscape	2030	$6,280,000
RW - 26	27	Blue Clay Rd Improvements	2030	$1,420,000
RW - 6	69	Hoover Road Widening	2030	$4,620,000
RW - 83	13	Dogwood Lane Extension	2035	$63,220,000
RW - 20	14	US 17/74/76/Causeway Improvements Phase 2	2035	$92,090,000
RW - 115	16	Internal Port Access Road	2035	$34,010,000
RW - 77	18	Basin Street Extension	2035	$39,430,000
RW - 13	30	Godfrey Creek Road Extension to NC 210	2035	$25,780,000
RW - 181	42	Blue Clay Road Interchange	2035	$24,870,000
RW - 99	43	Murrayville Road Widening	2035	$60,250,000
RW - 129	54	Navaho Trail and Masonboro Loop Rd. Roundabout (northern intersection)	2035	$1,790,000
RW - 16	57	Myrtle Grove Road Widening	2035	$79,670,000
RW - 25	58	Piner Road Improvements and Intersection Realignment	2035	$21,200,000
RW - 193	59	Myrtle Grove/Piner/Masonboro Loop Rd Roundabout	2035	$10,080,000
RW - 191	60	Mohican Trail & Masonboro Loop Rd Roundabout	2035	$10,700,000
RW - 192	61	Navaho Trail and Masonboro Loop Rd. Roundabout (southern intersection)	2035	$9,660,000
RW - 78	64	Old Fayetteville Road Widening	2035	$35,520,000
RW - 166	73	Sidbury Road/Hampstead Bypass Interchange	2035	$22,340,000
RW - 127	15	Cape Fear Memorial Bridge Replacement	2040	$377,480,000
RWT - 223	17	Independence Blvd Access Management	2040	$89,110,000
RWT - 221	20	US 421/Snow's Cut Bridge Replacement	2040	$149,090,000

*Will need to consider alternative funding sources (Tolling)

RW - 7	22	Lanvale Road Widening	2040	$64,620,000
RW - 18	36	Sloop Point Road Widening	2040	$8,870,000
RW - 226	44	US 74/421 and US 17/76 Merge Lane Addition	2040	$20,660,000
RW - 123	21	Burnett Boulevard Widening	2045	$123,830,000
RW - 102	23	Greenville Loop Road Widening	2045	$81,450,000
RW - 202	24	Salisbury Street & Causeway Drive Roundabout	2045	$53,290,000
RW - 51	25	NC 133/River Road Widening	2045	$164,990,000
RW - 5	26	Heide Trask Bridge Replacement	2045	$234,500,000
RW - 29	31	Center Dr Extension Segment 1	2045	$15,080,000
RW - 30	32	Center Dr Extension Segment 2	2045	$31,600,000
RW - 31	33	Center Dr Extension Segment 3	2045	$12,000,000
RW - 186	34	US 17/17 BUS & NC 140 Interchange Improvements	2045	$21,310,000
RW - 55	35	River Road Relocation	2045	$20,270,000
RW - 23	37	Sidbury Road Improvements	2045	$19,200,000
RW - 35	39	Harrison Creek Road Extension	2045	$45,350,000
RW - 215	9	Kerr Ave. Extension II	2045+	$319,570,000
RW - 214	12	Airlie Dr./Eastwood Rd. Intersection Improvements	2045+	$50,800,000
RW - 61	28	River Rd. Widening	2045+	$313,440,000
RW - 94	29	Castle Hayne Rd. Streetscape	2045+	$24,410,000
RW - 73	38	Village Road Widening	2045+	$133,580,000
RW - 41	40	US74 Upgrade (control of Access)	2045+	$636,510,000
RW - 57	41	Plantation Road Extension	2045+	$103,470,000
RW - 1	45	Bradley Creek Bridge on Oleander Dr.	2045+	$38,521,448
RW - 222	46	Independence Blvd Road Widening	2045+	$31,740,000
RW - 224	47	Pine Grove Drive Widening	2045+	$65,470,000
RW - 212	48	Burnett Boulevard Realignment	2045+	$35,260,000
RW - 225	49	Murrayville Rd and I-40 Interchange	2045+	$52,640,000
RW - 24	50	Holly Shelter Road Improvements	2045+	$29,630,000
RW - 42	51	US 17 Access Management	2045+	$9,000,000
RW - 97	52	NC210 Improvements	2045+	$51,720,000
RW - 117	53	River Road Realignment	2045+	$13,500,000
RW - 60	55	US 17 Safety Improvements	2045+	$38,130,000
RW - 3	56	NC 133 connectivity to I-40 with interchange	2045+	$34,150,000
RW - 203	62	US74/Salisbury Street & Lumina Avenue Roundabout	2045+	$2,410,000
RW - 160	65	Lanvale and Old Fayetteville Rd. intersection improvements	2025	$360,000
RW - 213	68	Waynick/Lumina/Causeway	2045+	$17,110,000
RW - 8	70	Holly Shelter/Sidbury Connection	2045+	$35,680,000
RW - 175	71	NC210 & Island Creek Road Intersection	2045+	$2,090,000

RW - 76	72	Blueberry Rd. Widening	2045+	$12,710,000
RW - 22	74	Hwy 87/US 17 S Overpass Interchange	2045+	$35,050,000
RW - 136	75	NC 210 and NC 133	2045+	$2,950,000

Total All Projects Cost	$5,309,955,309	*Includes Cape Fear Crossing Cost
Total Fiscally Constrained Projects Cost	$3,220,053,861	
Total Fiscally Constrained Projects	73	
Forecasted Revenue	$3,398,214,479	

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION ENDORSING THE FISCALLY-CONSTRAINED PROJECT LISTS FOR INCLUSION IN CAPE FEAR MOVING FORWARD 2045

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, development and maintenance of a long-range transportation plan is a key federal requirement of all Metropolitan Planning Organizations (MPOs) designated by the Federal Highway Administration (FHWA); and

WHEREAS, on November 15, 2015 the Wilmington Urban Area Metropolitan Planning Organization's Board adopted the fiscally constrained Cape Fear Transportation 2040 Transportation Plan to satisfy FHWA requirements; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is in the process of developing Cape Fear Moving Forward 2045 to meet the FHWA requirement for updating long-range transportation plans within five years of adoption of the last plan; and

WHEREAS, with the help of modal subcommittees of subject matter experts the Citizens Advisory Committee (CAC) has developed draft Cape Fear Moving Forward 2045 fiscally-constrained project lists for the six different modes of transportation; and

NOW THEREFORE, be it resolved by the Board of the Wilmington Urban Area Metropolitan Planning Organization's hereby endorses the fiscally constrained project lists for inclusion in Cape Fear Moving Forward 2045 fiscally-constrained project lists.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Board on September 25, 2019.

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David Piepmeyer, Chair

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Mike Kozlosky, Secretary

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

August 07, 2019

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization
P.O. Box 1810
Wilmington, NC 28402

Attn: Amy Kimes, PE, Sr. Project Engineer, Wilmington Metropolitan Planning Organization (WMPO)

Delivered Via email and USPS to addressee to: amy.kimes@wilmingtonnc.gov

Dear Mr. Kozlosky:

The Cape Fear Public Transportation Authority has begun our fiscal year 2020 and respectfully request the WMPO carefully consider the following funding assistance to Wave Transit:

- **STBGP-DA** - as you are aware, when the region was designated as a TMA, Wave Transit was no longer eligible to use FTA §5307 funding for operating assistance. This change left a gap in our operating budget of approximately $2,000,000 annually. Following extensive discussion with our federal delegation in Washington, provisions in the FAST Act were added and the Authority is currently able to utilize up to 75% of the region's §5307 formula funding for eligible operating assistance. This narrowed the operating assistance funding gap to approximately $500,000 per year.
  With generous assistance from the WMPO and through the STP-DA and its successor the STBGP-DA program, the Authority has been able to maintain a stable level of service without significant additional revenue from our local funding partners. This support led us to include STBGP-DA funding in our current FY 2020 operating budget.
  We respectfully request FY 2020 STPGP-DA funding for preventive maintenance and ADA compliance in the amounts outlined in Table 1 totaling $600,000. The Authority has included the required local matching funds in out adopted FY 2020 operating budget.

STIP #	System	Project	STBGP-DA	Local	Total
TF-6784	Cape Fear Public Transportation Authority	Preventive Maintenance	$260,000	$65,000	$325,000
TG-6700	Cape Fear Public Transportation Authority	ADA Compliance	$340,000	$85,000	$425,000
Totals			**$600,000**	**$150,000**	**$750,000**

Table 1

As the WMPO develops its plan to allocate funding from the annual STBGP-DA program, the Authority suggests an annual percentage be apportioned to transit initiatives in the region. This approach was successful during its previous utilization. If implemented, the percentage should be sufficient to meet the preventive maintenance and ADA needs of the Authority which will ensure consistency in the transit program offered throughout the region while keeping local taxpayer subsidies free for competing projects.

We appreciate your consideration of this important request and look forward to our continuing partnership with the WMPO in providing quality public transportation services to Southeastern North

Carolina. If you have questions or need additional information, please do not hesitate to contact me. We look forward to your feedback.

Cordially,

Albert Eby
Executive Director

CC: Honorable Jonathan Barfield, WMPO Board Representative, Cape Fear Public Transportation Authority
Megan Matheny, Deputy Director, Wave Transit
Joe Mininni, Director of Finance & Administration, Wave Transit

WILMINGTON URBAN AREA MPO
SEPTEMBER 2019

2045 METROPOLITAN TRANSPORTATION PLAN

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

Next Steps:

- A red line, fiscal constraint analysis of ranked modal projects were prepared and presented by staff to the CAC, TCC, and Board in July. The WMPO Board proposed changes at its August meeting. The revised lists are planned for adoption in September 2019.
- Projects considered for potential funding by identified and Board supported alternative funding forecasts will be identified by staff and reviewed and approved by the CAC, TCC, and Board in October 2019.
- Approval of complete fiscally constrained project lists is expected to be completed by end of October 2019.
- Release of Draft Plan to public anticipated for end of January 2020
- Adoption of final plan by November 2020

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 1 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 5 reviews
- Town of Leland Informal Reviews: 4 reviews
- Town of Navassa Formal Reviews: 2 reviews
- Town of Navassa Informal Reviews: 1 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews

- TIA Reviews: 20 total (New Hanover County 5, City of Wilmington 10, Carolina Beach 0, Leland 1, Navassa 1, and Pender County 2, Brunswick County 1) ; new 2 and ongoing 18
- 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: 54 (9 new, 45 on-going)
- City of Wilmington Informal Reviews: 20 (3 new, 17 on-going)
- City of Wilmington Concept Reviews: 9 (7 new concept reviews- 2 on-going concept)
- COW Project Releases: 12 Full releases

STBGP-DA/TASA-DA FY 2013 to Present
STBGP-DA

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE
Project Descriptions/Scope: The project is for construction of intersection re-alignment improvements at the intersection of Wrightsville Avenue/Greenville Avenue and bike lanes and sidewalks along Greenville Avenue from Wrightsville Avenue to Hinton Avenue.

Project Status and Next Steps:
- Complete review of final design package and submit to NCDOT for review– Fall 2019
- NCDOT final design approval and City to request Construction Funds Authorization – Winter 2019
- Begin Construction – Summer 2020
- Complete Construction – Summer 2021

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP
Project Descriptions/Scope: This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

Project Status and Next Steps:
- 100% Plan approval received
- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4, 2018
- Davenport identified potential utility conflicts; The Town has authorized Level A – S.U.E. services to be performed to verify where conflicts exist; AECOM will revise plans to reflect any utility relocations that must be done; revised plans must then be approved by NCDOT.
- S.U.E. information has been sent to AECOM for revisions.
- Supplemental Agreement #3 dated March 28, 2019 extends project completion deadline to July 1, 2020.
- Bid and award timeline will depend upon Davenport's findings from SUE; prefer to bid this and projects U-5534I, J and K at the same time.
- Engineer is revising the plans to reflect utility relocations
- Engineer will update the cost estimate after plans are revised; will try to submit new estimate by no later than September 10th

U-5534F – CITY OF WILMINGTON – PARK AVENUE MUP – PHASE II
Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path between Audubon Boulevard and Kerr Avenue. The right of way certification was received November 2, 2016.

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

U-5534G –CITY OF WILMINGTON- HOOKER ROAD MULTI-USE PATH
Project Descriptions/Scope: The project consist of the construction of a 10' wide multi-use path along Hooker Road from Wrightsville Avenue to Mallard Drive/Rose Ave intersection

Project Status and Next Steps:
- Complete final design package and submit to NCDOT for review–Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring 2021
- Complete Construction – Spring 2022

U-5534H –CITY OF WILMINGTON- HINTON AVE MULTI-USE PATH
Project Descriptions/Scope: This project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

Project Status and Next Steps:
- Complete final design package and submit to NCDOT for review– Fall 2019
- Update/renew permits – Winter 2019
- NCDOT final design approval – Winter 2019
- Right of way acquisition complete – Summer 2020
- Begin Construction – Spring2021
- Complete Construction – Spring 2022

U-5534I –TOWN OF LELAND- VILLAGE ROAD MULTI-USE PATH EXTENSION
Project Descriptions/Scope: The construction of a 8 foot wide concrete path from the connection at the Brunswick Center in Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

Project Status and Next Steps:
- 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
- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE was scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.
- After visually inspecting potential utility conflict locations, determined that SUE services were not needed and thus no revisions are needed to the plans
- Engineer is preparing an updated estimate with anticipated completion by September 10th
- Surveyor is preparing utility easement plats for condemnations

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

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalize
- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE was scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.
- After visually inspecting potential utility conflict locations, determined that SUE services were not needed and thus no revisions are needed to the plans
- Engineer is preparing an updated estimate with anticipated completion by September 10th
- Surveyor is preparing utility easement plats for condemnations

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

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

Project Status and Next Steps:

- 100% Plans approved by NCDOT
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with "J" project
- Davenport review identified potential utility conflicts; SUE inspection has been authorized and any subsequent plan revisions will be resubmitted for approval. SUE was scheduled for July.
- S.U.E. information has been sent to AECOM for revisions.
- After visually inspecting potential utility conflict locations, determined that SUE services were not needed and thus no revisions are needed to the plans
- Engineer is preparing an updated estimate with anticipated completion by September 10th
- Surveyor is preparing utility easement plats for condemnations

U-5534N –CITY OF WILMINGTON- SHIPYARD BOULEVARD SIDEWALK
Project Description/Scope: The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

Project Status and Next Steps:

- Let Date: March 14, 2019
- Additional funds have been received and the contract is being routed for signatures
- Preconstruction meeting will be rescheduled based on Hurricane Dorian.

U-5534Q –CITY OF WILMINGTON- S. COLLEGE/HOLLY TREE CROSSWALKS
Project Description/Scope: The project will install sidewalk, ADA ramps, curb and gutter, markings and traffic signal revisions required to install actuated pedestrian crossings of S. College Road and crossings on Holly Tree Road.

Project Status and Next Steps:

- The project has been put on hold until NCDOT's College Road resurfacing project occurs
- An agreement was sent to NCDOT in early August for execution.

U-5534S (FORMERLY U-5534M)- TOWN OF WRIGHTSVILLE BEACH- CORAL DRIVE SIDEWALKS
Project Descriptions/Scope: The construction of sidewalks along Coral Drive will install approximately 954 linear feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

Project Status and Next Steps:

- The Town is working on acquiring the easements
- Plans have been approved. The PCE and Specs have been sent back to the engineer for corrections.
- Anticipated Let Date: Fall 2019

U-5534T –CITY OF WILMINGTON- TRAFFIC SIGNAL PREEMPTION
Project Description/Scope: This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

Project Status and Next Steps:

- Plans and specification approved by NCDOT on February 19, 2019.
- Construction Authorization and funding request in progress.
- Bid opening to be held on August 15, 2019.
- Concurrence of Award has been received
- City staff working to execute contracts and set up preconstruction meeting

U-5534U – TOWN OF NAVASSA- NAVASSA PARK MULTI-USE PATH
Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:

- A design kickoff meeting was held on August 27, 2019
- Right-of-Way funding request is anticipated in May 2020
- Construction Funding is anticipated in FY2021

EB-6025- TOWN OF BELVILLE- RICE HOPE MULTI-USE PATH
Project Description: The project consists of the construction of a multi-use path of eight feet (8') wide located at the western side of NC 133 between Morecamble Blvd and Rice Hope Run.

Project Status and Next Steps:
- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

<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:
- City Council awarded the contract on February 4, 2019. The City is currently working on executing the contract.
- Contractor has been notified that additional funds have been received for overall contract.
- City staff working to set up preconstruction meeting

U-5527C NEW HANOVER COUNTY – MIDDLE SOUND GREENWAY – EXTENSION TO MIDDLE SOUND VILLAGE
Project Descriptions/Scope: This project is for the construction of a multi-use path along Middle Sound Loop Road from Oyster Lane to the Middle Sound Village property line.

Project Status and Next Steps:
- 90% plans comments have been received and have been corrected
- Construction funds requested on July 1, 2019
- Anticipated construction bid Fall 2019 (documents are ready and awaiting final approval by NCDOT)

EB- 6026- TOWN OF BELVILLE- BELVILLE ELEMENTARY- MULTI-USE PATH
Project Description: The project consists of the construction of a multi-use path of twelve feet (12') wide located along NC 133 connecting north and south entrances of Hawks Water Development to Belville Elementary School.

Project Status and Next Steps:
- The agreements have been executed
- The Town is working on request for PE funds and Letter of Interest

EB-6027 – NEW HANOVER COUNTY -MIDDLE SOUND GREENWAY
Project Description: Design only of the Middle Sound Greenway connection to Ogden Park

Project Status and Next Steps:

- The agreements have been signed
- PE funds have been authorized
- Letter of Interest posted on August 26, 2019

EB-6028 —CITY OF WILMINGTON- 21st Street/Market HAWK SIGNAL
Project Description: Design and construction of a HAWK signal at the pedestrian crossing at Market Street and 21st Street

Project Status and Next Steps:
- NCDOT agreements were approved on at the July 16th City Council meeting
- The agreement is being routed for signatures

EB-6029 – TOWN OF CAROLINA BEACH – CLARENDON AVENUE MULTI-USE PATH
Project Description: Construction of the Clarendon Avenue multi-use path from 4th Street to Dow Road

Project Status and Next Steps:
- The agreement has been executed
- Plans have been approved by NCDOT.
- The Town is working on construction documents, permits, PCE and right of way certification

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

Project Status and Next Steps:
Initiatives

1. Be A Looker Campaign
   a. Initiating a 6 month bicycle and pedestrian safety campaign to take place April to September 2019
   b. 244 people have signed the pledge as of September 3, 2019
2. Bike Share
   a. Completed agreement with Zagster. Contract has been signed.
   b. Zagster is in process of securing "title sponsors" to fund the program
3. New Go Coast Website
   a. New website is being created
4. Social Media
   a. Posting at least three times per week

b. WMPO Facebook, Instagram, and Twitter and Go Coast Instagram

5. NCDOT went out for bid for Share The Ride NC vendor and has re-selected Ride Shark. New updates to come to the platform soon.
6. Scooters
   a. Waiting on the NC General Assembly to pass bill 553 which defines an electric scooter and will help determine where scooters can be ridden.
7. Writing a model ordinance for regulation of electric bicycles
8. Developing TDM portion of the Metropolitan Transportation Plan
9. Next Go Coast Committee Meeting September 19th at 3pm at 305 Chestnut Street

Cape Fear Public Transportation Authority

Project Update
September 2019

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - FTA funding in the amount of $3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Four buses were delivered in June 2019 and three are scheduled for production in August 2019. All seven vehicles have been delivered and placed into revenue service.
   On February 28, 2019 the Authority authorized $879,692 for the purchase of two trolley replica buses to serve the Downtown Trolley Route. Production has been delayed by the engine manufacturer. Vehicle delivery is expected in the fall of 2019.
   The Authority awarded a contract for four CNG shuttle buses to Palmetto Bus on March 28, 2019. Delivery is expected in fall 2019.
   Five paratransit vehicles, ordered in 2018, were delivered in April 2019 and have been placed into revenue service.
   Additional funding for four buses will be requested from the VW mitigation settlement phase one. An RFP for funding was issued by NC DAQ on June 17, 2019. The application for funding was released on July 01, 2019. Applications are due by September 30th with an expected award in the late part of 2019.

2. **Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.
   Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018.
   The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following
   URL: https://www.wavetransit.com/short-range-transit-plan/.

A resolution supporting the revenue neutral recommendations of the plan was adopted on August 22, 2019. Changes will be made in conjunction with the opening of the WMMTC in the fall of 2019.

3. **Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners. One of the recommendations from the study was implementation of a dedicated source of funding for the Cape Fear Public Transportation Authority.
   On March 28, 2019 the Authority Board unanimously adopted a resolution requesting the New Hanover County Commissioners implement a countywide vehicle registration fee pursuant to NCGS Chapter 105 Article 52 with the proceeds benefiting public transportation in New Hanover County.

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.
   Phase 3A (final phase) consisting of sitework was authorized on April 25, 2019.
   Renovation construction of the Neuwirth Building began on December 03, 2018. Neuwirth Building renovation construction is approximately 95% complete. Sitework, including stormwater management and bus drive aisles is underway. Completion of the entire project is estimated to occur on November 18, 2019 due to delays in SHPO window production.

2. **Wilmington Multimodal Transportation Center**
   On August 07, 2019, the Authority requested $600,000 in STBGP-DA funding for capitalized preventive maintenance and Americans with Disabilities Act compliance funding for FY 2020. STBGP-DA funding has been awarded to the Authority on an annual basis since it was appropriated to the WMPO following the 2010 census. Dedicated public transportation funding from the STBGP-DA program is critical to Wave Transit as it allocates federal funding to the Authority on a regional basis, minimizing the impact on local funding appropriations. Should a policy change regarding STBGP-DA allocation be undertaken by the WMPO Board, significant reductions in transit service to the region, impacting many of the area's most vulnerable, will be required.

Projects in Development

Project Manager	TIP	Description	County	2020-2029 STIP Amount	ROW	Draft ROW	Draft Let	Revised ROW	Delay (Years) From Draft ROW	Revised LET	Delay (Years) from Draft CON	Comment*
Trace Howell	U-5732A	Dan Owen Connector	Pender	$ -	2017	2017	2019	2017		2019		Construction By State Forces
Krista Kimmel	U-4902D	US 17 Bus - Market St Median	New Hanover	$ -	IP	IP	2019	IP		2019		Contract # C204319
Mike Bass	U-5710A	US 74 (Eastwood Road)- construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)	New Hanover	$ 6,670,000.00	IP	IP	2020	IP		2020		
Derek Pielech	B-4590	Replace Bridge 29 on Corneilus Harnett Dr/Castle Hayne Rd over Smith Creek	New Hanover	$ 4,100,000.00	TBD	IP	2020	IP		2020		
Eric Murray	W-5601DH	3rd St and Dock St Intersection	New Hanover	$ 500,000.00	IP	IP	2020	IP		2020		
Eric Murray	U-5914	Widen NC 133 from US 17/74/76 to Old River Rd	Brunswick	$ 1,800,000.00	2019	IP	2020	IP		2020		
Eric Murray	W-5703C	Monkey Junction Pedestrain Improvements	New Hanover	$ 3,495,000.00	TBD	TBD	2021	TBD		2021		
Trace Howell	R-3300B	Hampstead Bypass	New Hanover/ Pender	$ 63,376,000.00	IP	IP	2021	IP		2021		*Previously SS-4903CE
Derek Pielech	17BP.3.C.4	Replace Culvert on SR 1175	New Hanover	TBD	TBD	N/A	N/A	TBD		2021		
Krista Kimmel	U-5926	New Route from 23rd St to 26th St	New Hanover	$ 5,322,000.00	2020	2020	2022	2020		2022		
Trace Howell	R-3300A	Hampstead Bypass (US 17 from Military Cutoff Rd to NC 210)	New Hanover/ Pender	$ 83,045,000.00	IP	IP	2021	IP		2023	2	
Krista Kimmel	U-3338C	Kerr Ave Interchange at MLK	New Hanover	$ 20,500,000.00	2018	IP	2020	IP		2023	3	
Mike Bass	U-5710	US 74 (Eastwood Rd) at US 17 (Military Cutoff Rd)	New Hanover	$ 42,472,000.00	2019	IP	2022	IP		2023	1	
Brian Harding	U-5729	US 421 Carolina Beach Rd Median with intersection improvement at Shipyard and US 421	New Hanover	$ 13,000,000.00	2019	IP	2023	IP		2023		
Brian Harding	U-5731	US 74 at US 17/US 421 Flyover	New Hanover	$ 31,800,000.00	2020	2020	2023	2020		2024	1	
Krista Kimmel	U-4902C	US 17 Bus - Market St Median & Interchange	New Hanover	$ 49,200,000.00	IP	IP	2020	IP		2024	4	
Trace Howell	U-5790	Monkey Junction Interchange	New Hanover	$ 21,408,000.00	2022	2022	2024	2022		2024		
Brian Harding	U-5863	NC 133 - Castle Hayne Rd from I-140 to Division Dr	New Hanover	$ 30,374,000.00	2021	2021	2024	2021		2024		
Brian Harding	U-5954	NC 133 at 23rd St Roundabout	New Hanover	$ 2,500,000.00	2022	2022	2024	2022		2024		
Krista Kimmel	U-4902B	US 17 Bus - Market St Median - Railroad to MLK	New Hanover	$ 8,000,000.00	2018	IP	2025	IP		2025		
Krista Kimmel	U-4434	Independence Boulevard Extension	New Hanover	$ 126,533,000.00	2020	2022	2025	2022		2025		
Trace Howell	U-5702A	College Rd from New Centre to Shipyard	New Hanover	$ 55,601,000.00	2022	2022	2025	2023	1	2026	1	
Trace Howell	U-5704	US 17 (Oleander) at College	New Hanover	$ 55,300,000.00	2022	2022	2025	2023	1	2026	1	
Trace Howell	U-5792	MLK at College	New Hanover	$ 25,110,000.00	2022	2022	2024	2024	2	2026	2	Let with U-5881
Lydia	I-6037	I-140 from US 421 to I-40 pavement and bridge rehab	New Hanover	$ 10,385,000.00		N/A		N/A		2026		
Lydia	I-6038	I-140 from US 421 to US74/US76 pavement rehab	Brunswick, New Hanover	$ 4,000,000.00		N/A		N/A		2026		
Trace Howell	U-5732	US 17 Hampstead Median Project	Pender	$ 18,825,000.00	2018	IP	2023	IP		2027	4	
None	U-6199	Wilmington Citywide Signal System Upgrade	New Hanover	$ 15,960,000.00	2025	2025	2027	2025		2027		
Krista Kimmel	U-6201	Kerr avenue Extension from Wrightsville Avenue to Oleander Dr	New Hanover	$ 5,400,000.00	2025	2025	2027	2025		2027		
Brian Harding	U-5734	US 421 Front St Widening	New Hanover	$ 20,400,000.00	2023	2023	2025	2025	2	2028	3	
Trace Howell	U-5881	College Rd from Gordon Rd to New Centre	New Hanover	$ 59,401,000.00	2022	2022	2025	2025	3	2028	3	Let with U-5792
Krista Kimmel	U-6080	Kerr Ave Widening from Patrick to Wrightsville	New Hanover	$ -	2025	N/A	N/A	N/A	N/A	N/A		Removed From STIP
Brian Harding	U-6083	23rd St widening from MLK to NC 133	New Hanover	$ -	2025	N/A	N/A	N/A	N/A	N/A		Removed From STIP
Krista Kimmel	U-4738A	Cape Fear Crossing (US 17 to NC 133)	Brunswick/New Hanover	$ 20,880,000.00	2028	2028	PY	2028		PY		
Krista Kimmel	U-4738B	Cape Fear Crossing (NC 133 to US 421)	Brunswick/New Hanover	$ -	PY	PY	PY	PY		PY		
Trace Howell	U-5702B	College Rd Access management improvement from Carolina Beach Rd to Shipyard Blvd	New Hanover	$ 2,900,000.00	2025	2025	2029	2025		PY	1	
Brian Harding	U-6202	Widen Gordon Rd to 4 lanes from US 17 Market St to I-40	New Hanover	$ 8,211,000.00	2029	2029	PY	2029		PY		
Brian Harding	U-6128	US 76 (Oleander Dr) and Greenville Loop Rd/Greenville Avenue Dual Lefts	New Hanover	$ 1,750,000.00	2029	2029	PY	2029		PY		

Project Has Been Let	
Fallen out of STIP	

Date Completed: 8/19/2019
PO: WMPO
Contact: Caitlin Marks
Please note: Let Dates may change with the final STIP release in September 910-341-2000 | cmmarks@ncdot.gov

Projects Under Construction

Contract Number	Resident	TIP/WBS/Program	County	Description	Estimated Completion	Percent Complete
DC00218	Adam Britt	N/A	New Hanover	Snow Cut (#30) on US 421 over SR 1532 Feder replace	Aug-19	91.84%
C204119	Wayne Currie	HVBP	New Hanover	Cape Fear Memorial Bridge	Oct-19	96.31%
C204080	Alex Stewart	R-2633D	Brunswick, New Hanover	I-140 ITS for Wilmington Bypass	Nov-19	96.46%
DC00258	Daniel Waugh		Pender	Hoover Rd (SR 1569) Pipe Replacements	Nov-19	0.00%
DC00234	Daniel Jones	N/A	Brunswick, New Hanover, Onslow, Pender	Plant Bed Maintenance on NC 24/US 17/NC 132/NC 211/NC 53/US 421/US 74	Nov-19	61.45%
C204282	Alex Stewart	15403.1065027	New Hanover	Bridge on US 421 over Fishing Creek 4 miles N of I-140	Apr-20	26.85%
DC00254	Lydia McKeel	R-5783C/D	Brunswick, Duplin, New Hanover, Onslow, Pender, Sampson	2019 TAP Curb Ramp	May-20	0.00%
DC00231	Daniel Jones	R-3601(L)	Brunswick	Landscaping for the Diverging Diamond at US 74/76 and NC 133	Jun-20	72.50%
C204203	Wayne Currie	HVBP	New Hanover	Isabel Holmes Bridge (#11, US 74) Girder repair, upgrade paint/structural steel, replace grid floor	Mar-21	6.39%
C203980	Alex Stewart	U-4751	New Hanover	Military Cutoff Rd Extension from Market St to the Wilmington Bypass with an interchange at the Bypass	Jul-22	23.46%
C204319	Alex Stewart	U-4902D	New Hanover	Superstreet median on Market St (US 17 BUS) from Marsh Oaks Dr to Lendire Dr	Nov-22	10.23%
TBD	Wayne Currie	HVBP	New Hanover	Banks Channel (#21, US 76) girder repair, clean and paint bearings, epoxy caps	TBD	TBD
TBD	Wayne Currie	HVBP	New Hanover	Cape Fear (#48, I-140 E) Shear Strengthen	TBD	TBD
TBD	Wayne Currie	HVBP	New Hanover	Cape Fear (#49, I-140W) Shear Strengthen	TBD	TBD

Resurfacing

Contract Number	Contract Year	County	Resident	TIP	MPO/RPO	Map	Routes	Estimated Completion	Percent Complete
C204094	**2018**	**Brunswick**	**Daniel Waugh**	**W-5203Y**	**GSATS/WMPO/CFRPO**	**0**	**US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.**	**Jul-20**	**98.94%**
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO/GSATS	1	NC 130 (Whiteville Rd) from US 17 Bus to SR 1335		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	2	NC 179 (Old Georgetown Rd) from 179 Bus (Beach Dr) to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO/GSATS	3	NC 904 (Longwood Rd) from SR 1321 to SR 1304		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	4	NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	5	SR 1319 (Union School Rd) from SR 1316 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	6	SR 1504 (Clemmons Rd) from SR 1316 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	7	SR 1333 (Project Rd) from SR 1326 to end of Pavement		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	8	SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	9	SR 1337 (Marlow Rd) from SR 1336 to SR 1333		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	10	SR 1308 (Etheridge Rd) from SR 1300 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	11	SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	12	SR 1356 (Marlowtown Rd) from 1302 to SR EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	13	SR 1301 (McLamb Rd) from SR 1300 to SC line		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO/GSATS	14	SR 1316 (Old Shallotte Rd) from NC 904 to US 17		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	15	SR 1155 (Goose Creek Rd) from NC 179 to SR 1143		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	16	SR 1304 (Pea Landing Rd) from US 17 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO/GSATS	17	SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	18	SR 1165 (Thomasboro Rd) from US 17 to SR 1164		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	19	SR 1720 (Washington Rd) from US 17 Bus. To EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO	20	SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	CFRPO/GSATS	21	SR 1315 (Russtown Rd) from SR 1313 to NC 904		
C204094	2018	Brunswick	Daniel Waugh	W-5203Y	GSATS	22	SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway		
C204135	**2018**	**/ Hanover/Bruns**	**Lydia McKeel**	**N/A**	**WMPO**	**0**	**US 421/US 76/NC 132 and various SRs (New Hanover Resurfacing)**	**Oct-19**	**55.94%**
DC00229	**2019**	**Pender**	**Lydia McKeel**	**N/A**	**WMPO/CFRPO**	**0**	**Various SRs (Pender Resurfacing)**	**Nov-19**	**93.93%**
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO/CFRPO	1	Highsmith Rd from NC 210 to SR 1401		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	2	Whitestocking Rd from NC 53 to SR 1513		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	3	Maple Rd from Old River Rd to Dead End		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	4	Penderlea Hwy from Cora's Gove Rd to Shiloh Rd		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	5	St Johns Church Rd from Beginning of pavement to end of state maintenance		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	6	Shaw Hwy from Old Blakes Rd to NC 53		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	7	Old Blakes Bridge Rd from Old Maple Hill Rd to Shaw Hwy		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	8	Vanhoe Rd from Beattys Bridge Rd to Sampson Co		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	9	Garden Rd/Racoon Rd from NC 11 to NC 11		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	10	Balcombe Rd from NC 210 to End of Pavement		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	11	Pelham Rd/Eleanor Roosevelt Ln from Garden Rd to Raccoon Rd		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	12	Oakvale Rd from Scotts Hill Loop to Lafayette St		
DC00229	2019	Pender	Lydia McKeel	N/A	WMPO	13	Lafayette St from Poplar Grove Rd to Cul-de-Sac		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	14	Point Caswell Rd from Slocum Trail rd to End of Pavement		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	15	Giddeons Pond Rd from NC 11 to SR 1325 (Sill Creek Rd)		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	16	Cottle Acres from Piney Woods Rd to Penderlea Hwy		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	17	West Willarlea Rd from Eleanor Roosevelt Ln to NC 11		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	18	East Willarlea Rd from Eleanor Roosevelt to NC 11		
DC00229	2019	Pender	Lydia McKeel	N/A	CFRPO	19	Sill Creek Rd from Garden Rd/Raccoon Rd to Crooked Run Rd		

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

September 2019

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

SEPTEMBER TPD UPDATES WILMINGTON MPO

September 2019

New Business:

Brunswick County Model – Base Year Model Calibration has been completed. The engineer and modeler are moving onto Future Year Model work.

NCMoves 2050: The third round of work has started and there will be more opportunity for the public to provide feedback this fall.

2020-2029 STIP Final Draft: More than 1,700 projects are included in the N.C. Department of Transportation's final draft of its 2020-2029 State Transportation Improvement Plan, or STIP. The overall statewide list includes 1,319 highway projects, 86 aviation, 234 bike and pedestrian, six ferry, 23 public transit and 50 rail projects selected on statewide, regional and division levels. The projects were prioritized based on technical data as well as input from local officials and residents. The draft plan also includes 385 changes in highway projects from the initial draft STIP that was released in January. Some are new projects, while others have had schedule adjustments. The complete draft STIP list can be found on the NCDOT website.

2019-2020 Map: The 2019-20 State Transportation Map is now available and free of charge.

NCDOT Awards: NCDOT advances to "Top 12" of America's Transportation Awards. Last year, the N.C. Department of Transportation broke new ground with its unprecedented use of

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drones in response to the devastating effects of Hurricane Florence. Now, those efforts are being recognized on the national level. The American Association of State Highway and Transportation Officials named NCDOT's Hurricane Florence Drone Response as one of the "Top 12" projects in the 2019 America's Transportation Awards. The Top 12 are eligible for two top prizes - the Grand Prize, awarded by a panel of judges, and the People's Choice Award, determined by an online vote from the public.

NCDOT Electric Vehicle Registration: The N.C. Department of Transportation is seeking public comments on a draft N.C. Zero-Emission Vehicle Plan the agency is developing to boost the number of electric vehicles on the road. People can review the plan and provide feedback on this NCDOT webpage (link below as well) until 5 p.m. Sept. 6.
Link: https://www.ncdot.gov/initiatives-policies/environmental/climate-change/Pages/electric-vehicles.aspx

NCDOT School Safety Tips: On average, there are nearly 3,000 incidents of cars passing stopped school buses every school day in North Carolina. This is not just dangerous for students; it's also against the law. At the school, be sure to pay attention while driving so you'll see when a child is being dropped off or picked up. Remember to never pass a vehicle that is stopped for pedestrians, and always stop and yield to pedestrians crossing the crosswalk or intersection in a school zone when flashers are blinking. Visit the NCDOT press release page for more details.

NCDOT Gives Update on Cape Fear Crossing Project: The N.C. Department of Transportation will not continue planning and design work on the Cape Fear Crossing highway-bridge project at this time. The department had initially considered six different corridors for the project that would have connected U.S. 17 and Interstate 140 in Brunswick County to U.S. 421 near the Port of Wilmington. After collecting public input at well-attended open houses and public hearings earlier this year, the NCDOT had planned to select a preferred corridor by the end of the year. The decision to halt efforts on this project comes after the draft State Transportation Improvement Plan (STIP) was released this month. In the STIP, the project did not score well enough to receive construction funding. This project can be considered for a future transportation improvement plans, if it is submitted by the Wilmington Urban Area Metropolitan Planning Organization.

Wilmington Project Near Completion: A $22 million project to make improvements, including widening, to a Wilmington road is nearing its completion. N.C. Department of Transportation contract crews are scheduled to do the final paving on Kerr Avenue Aug. 5 through Sept. 2, weather permitting. The work, that will require lane closures, will be done overnight, 8 p.m. to 6 a.m., due to the high volume of traffic and lane restrictions on the project. Once the final layer of asphalt is complete, the pavement markings will be installed, and traffic will resume to its normal pattern.

Old Business:

North Carolina Zero Emission Vehicle Plan:
On October 29, 2018, Governor Roy Cooper signed into law Executive Order No. 80. "North Carolina's Commitment to Address Climate Change and Transition to a Clean Energy Economy." It is a statewide initiative. In response to the executive order, NCDOT has started formulating additional strategies that seek to ensure it is better prepared to adapt to a changing environment. One of the strategies is to encourage more people to register and drive zero-emission vehicles. North Carolina Zero Emission Vehicle "ZEV" Plan is North Carolina's plan to get 80,000 All-Electric or "Zero Emission Vehicles" on the road by 2025.
Take a 5-minute survey to let NCDOT know what you need to feel good about going ZEV: https://nczevplan.metroquest.com/
A draft action plan will be completed by June 2019. There will be a statewide public comment period on the draft action plan July to August 2019. The final action plan will be submitted to the governor in October 2019.

Phase 2 will include such tasks as coordinating with local transit agencies and reviewing funding options for NCDOT to buy zero-emission vehicles. Phase 2 is expected to be completed in 2020 with some steps completed by early 2021.

Phase 3 will include such tasks as finalizing efforts to establishing alternative fuel corridors that support zero-emission vehicles and preparing a mid-point ZEV program review.

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

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

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

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

Traffic Forecasting: The latest P5 list and the draft STIP has been reviewed and all 14 Highway Divisions have been contacted regarding their traffic forecasting priorities. Forecast requests continue to come in from Corridor Studies Groups and this is their "pre-analysis" process. Structures Management's 2023 Project List work also continues.

NC Statewide Model: CDM Smith and RSG are our consultants for the NC Statewide Model. The model is underway and they are on the SE Data Collections Phase.

Wilmington Model Update – The model is completed; documentation is completed as of last month.

Pender County CTP – Pender County CTP is on hold for now and will resume when our team has hired more engineers.

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

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

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.

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

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

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

Safety Insights: (Article from FHWA Human Environment Digest 6/13/19)
Study Reveals Bicycle Lanes Reduce Fatalities for All Road Users
The University of Colorado Denver conducted a 13-year longitudinal study (https://www.sciencedaily.com/releases/2019/05/190529113036.htm) that found bicycle infrastructure decreases fatalities for all road users. The study noted that bicycling infrastructure—specifically separated and protected bicycle lanes—leads to fewer fatalities and better road-safety outcomes for all road users. The study also reinforces the importance of building bicycle networks to increase safety
Study Analyzes Different Types of Bicycle Crashes at Local, State, and National Levels
Researchers at the University of North Carolina and Arizona State University published a joint paper that investigates the circumstances influencing both fatal and disabling bicycle crashes. The research found that the majority of bicycle crashes occur at intersections; however, data from North Carolina and Boulder, Colorado show that most fatal and disabling bicycle crashes occur at non-intersection locations, including crashes resulting from collisions with motorists. The report also provides insights for governments and other organizations to plan safer bicycle networks, and undertake other proactive measures to reduce crashes.