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*Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that proactively 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:** August 9, 2017  
**SUBJECT:** August 16<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, August 16<sup>th</sup> at 10 am. The meeting will be held in the Lord Spencer Compton Conference Room at 102 North 3rd 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- Prioritization and Programming, Alan Pytcher, NCDOT
- 4) Consent Agenda
  - a. Approval of TCC Meeting Minutes- July 12, 2017
  - b. Resolution supporting the submittal of Rail Projects for Prioritization 5.0
  - c. Resolution amending the Wilmington Urban Area MPO Bylaws
  - d. Resolution authorizing the Chairman to enter into the FY 17-18 Section 5303 Agreement between the City of Wilmington, Wilmington Urban Area MPO and Cape Fear Public Transportation Authority
- 5) Public Hearing
  - a. Resolution adopting the 2018-2027 State/Metropolitan Transportation Improvement Programs
- 6) Regular Agenda
  - a. Resolution Re-affirming Support to increase Ferry Tolls for the Southport/Fort Fisher Ferry
- 7) Discussion
  - a. Direct Attributable Programs
  - b. MPO Staffing
- 8) Updates
  - a. Crossing over the Cape Fear River
  - b. Wilmington Urban Area MPO
  - c. Wilmington Urban Area MPO's Metropolitan Transportation Plan
  - d. Cape Fear Public Transportation Authority

### **Wilmington Urban Area Metropolitan Planning Organization**

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

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- e. NCDOT Division
  - f. NCDOT Transportation Planning Branch
- 9) Announcements
- a. WMPO Bike/Ped Committee Meeting- August 20<sup>th</sup>
- 10) Next meeting –September 13, 2017

**Attachments:**

- TCC Meeting Minutes- July 12, 2017
- Wilmington Traffic Separation Study memorandum
- Prioritization 5.0 Rail Project memorandum
- Resolution supporting the submittal of Rail Projects for Prioritization 5.0
- Draft Amended Wilmington Urban Area MPO Bylaws
- Resolution amending Wilmington Urban Area MPO Bylaws
- Draft FY 17-18 Section 5303 Agreement
- Resolution authorizing the Chairman to enter into the FY 17-18 Section 5303 Agreement between the City of Wilmington, Wilmington Urban Area MPO and Cape Fear Public Transportation Authority
- Wilmington Urban Area and Statewide 2018-2027 State/Metropolitan Transportation Improvement Programs
- Resolution adopting the 2018-2027 State/Metropolitan Transportation Improvement Programs
- Resolution Re-affirming Support to increase Ferry Tolls for the Southport/Fort Fisher Ferry
- Direct Attributable Programs Memorandum
- Cape Fear River Crossing Update (August)
- Wilmington MPO Project Update (August)
- Cape Fear Public Transportation Authority Update (August)
- NCDOT Project Update (August)

**Wilmington Urban Area  
Technical Coordinating Committee  
Wednesday, July 12, 2017  
Meeting Minutes**

**Members Present:**

Mike Kozlosky, Wilmington MPO  
Don Bennett, City of Wilmington  
Adrienne Harrington, Wilmington MPO  
Ed Parvin, Town of Carolina Beach  
Ken Vafier, New Hanover County  
Stephanie Ayers, NC Ports Authority  
John Allen, Town of Belville

Ashli Barefoot, Town of Leland  
Helen Bunch, Brunswick County  
Megan Crowe, Pender County  
Allen Serkin, Cape Fear COG  
Behshad Norowzi, NCDOT Planning  
Albert Eby, Cape Fear Public  
Transportation Authority

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:04 a.m.

**2. Approval of Agenda**

Mr. Serkin made the motion to approve the agenda with no changes. Mr. Bennett seconded the motion and it carried unanimously.

**3. Presentations**

**a. Go Coast Program, Adrienne Harrington, WMPO**

Ms. Harrington gave an update on the Transportation Demand Management (TDM) Program, now called "Go Coast." She noted that she would be presenting the benefits of and data captured from the TDM's first Commuter Challenge and Annual Bike-to-Work Week at an international conference in New Orleans, Louisiana.

Ms. Harrington stated that the new name is harmonious with similar programs across the state such as "Go Mountains" and "Go Triangle." She displayed the name and logo that the committee selected, as well as logos for Bike to Work Week and the Commuter Challenge.

Ms. Harrington gave an overview of the results from the last two fiscal years, and next steps including the expansion of the TDM Committee to represent additional employers in the region. She added that "Go Coast" will continue to work with the branding consultant to develop a marketing plan. She noted that efforts will continue to utilize the van pools, expand the bike share program, and seek preferred car pool parking and ride share opportunities to reduce traffic congestion. A question/answer and discussion period was held.

**b. Wilmington Multi-modal Transportation Center Update, Albert Eby,  
Cape Fear Public Transportation Authority**

Mr. Eby gave an update on the Wilmington Multi-modal Transportation Center. He noted that in 2007-2008, NCDOT bought a significant amount of property along the rail cut. In 2016, NCDOT separated the rail portion and deeded the land south of Campbell Street to the Transit Authority.

Mr. Eby stated that the project, which began in December, has an expected completion date of April. He pointed out that the timeline is ambitious considering the challenges of adaptive reuse, such as hazardous materials abatement and stabilization of the Neuwirth and Thomas Grocery buildings.

Mr. Eby stated that the plan is to install 11 bus slips to accommodate seven (7) bus routes and the free downtown trolley. He noted that about 10,000 bus transfers occur monthly on 2<sup>nd</sup> Street, which is a safety hazard.

Mr. Eby stated that the current demolition and hazardous materials abatement project will be completed this week. He noted that bids have been opened for the second phase of the project, which is stabilizing both buildings. He added that the final project for renovation is 40 percent designed, and anticipated to be bid in August or September. He displayed several photos and described plans for the buildings and property. A question/answer and discussion period was held.

#### **4. Consent Agenda**

- a. Approval of TCC Meeting Minutes – June 14, 2017
- b. Opening of 30-day Public Comment Period for the DRAFT 2018-2027 STIP/MTIP for the Wilmington Urban Area MPO
- c. Resolution approving STIP/MTIP Amendment (May)
- d. Resolution supporting the submittal of Public Transportation Projects for Prioritization 5.0
- e. Resolution supporting the submittal of Aviation Projects for Prioritization 5.0
- f. Resolution accepting the Wilmington Rail Re-alignment and Right of Way Use Alternatives Feasibility Study and supporting the Mayor's Task Force recommendation to continue with the development of the project

Mr. Bennett made a motion to approve the Consent Agenda and to forward it to the Board for consideration. Ms. Bunch seconded the motion and it carried unanimously.

#### **5. Regular Agenda**

- a. Resolution supporting the removal of the Military Cutoff Road Multi-use Path (U-5527A) from the STIP/MTIP and to return the funds to the Direct Attributable Fund

Ms. Kozlosky told members that this request came from the City of Wilmington. He noted that the North Carolina Department of Transportation (NCDOT) has a project to improve the intersection of Military Cutoff and Eastwood Road, and is currently evaluating both grade separation and at-grade options. He added that with the project being located within the project study area for the interchange project, it has determined that the best course of action for the City would be to allow the Department to build the multi-use path with the TIP Project. A brief question/answer and discussion period was held.

Mr. Bennett made a motion to approve the Resolution supporting the removal of the Military Cutoff Road Multi-use Path (U-5527A) from the STIP/MTIP and to return the remaining funds to the Direct Attributable Fund, and to forward it to the Board for consideration. Ms. Harrington seconded the motion and it carried unanimously.

b. **Resolution supporting the re-allocation of Direct Attributable funds from the Westgate Drive Multi-use Path (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use Path (U-5534J) project**

Ms. Kozlosky reminded members that a Resolution from the Town of Leland is included in the agenda packet. He stated that the Town is not prepared to proceed with the Westgate Drive Multi-use Path. He noted that the Town desires to move the \$96,172 programmed for preliminary engineering and design of the Westgate Drive Project to the Old Fayetteville Road/Town Hall Drive/Village Road Project in which a shortfall is anticipated. He added that no expenses or design fees have been incurred. A question/answer and discussion period was held.

Mr. Parvin made a motion to approve the Resolution supporting the re-allocation of Direct Attributable funds from the Westgate Drive Multi-use Path (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use Path (U-5534J) project and to forward it to the Board for consideration. Mr. Bennett seconded the motion and it carried unanimously.

c. **Resolution supporting the removal of the Westgate Drive Multi-use Path (U-5534P) from the STIP/MTIP**

Ms. Kozlosky told members that this item is merely an administrative function to the previous item. A brief question/answer and discussion period was held.

Ms. Crowe made a motion to approve the Resolution supporting the removal of the Westgate Drive Multi-use Path (U-5534P) from the STIP/MTIP and to forward it to the Board for consideration. Ms. Harrington seconded the motion and it carried unanimously.

d. **Resolution amending the Wilmington Urban Area Metropolitan Planning Organization's Bylaws**

Ms. Kozlosky told members that a few changes to the Board's bylaws include an update to reflect the change in the name of the Board; to specify when the Board will adopt a new meeting calendar; and to provide for the appointment of one alternate member per jurisdiction.

Ms. Harrington made a motion to approve the Resolution amending the Wilmington Urban Area Metropolitan Planning Organization's Bylaws and to forward it to the Board for consideration. Mr. Bennett seconded the motion and it carried unanimously.

**6. Discussion**

a. **Prioritization 5.0 Rail Projects**

Mr. Lopez told members that these projects were proposed in coordination with NCDOT Rail Division, NC Ports, and CSXT. Changes from Prioritization 4.0 include the combination of projects FR-5 and FR-6 for better scoring. He noted that FR-7 will reflect the Traffic Separation Study (TSS) adopted a few months ago, which includes 26 at-grade crossing improvements in the City of Wilmington, as well as, rail enhancements to increase train speeds from 10 mph to 25 mph. He added that the speed increase is not anticipated to be a safety concern. A question/answer and discussion period was held.

Mr. Kozlosky reminded members that a final list would be presented for consideration at the Committee's August meeting.

**b. Direct Attributable Submittal Form Proposal**

Ms. Strait gave an overview of proposed changes to the Direct Attributable Submittal Form based on feedback from the Committee during its last meeting. She noted that changes included the following:

- Questions that could potentially disqualify a project have been moved to the beginning of the form;
- The training requirement for project managers has been moved to the submittal guide (one-on-one training will be provided to new project managers);
- The points for the number of years a project application has been submitted and not been awarded funds was revised to zero, one, two, three and five;
- The due diligence has been removed and zero points will be awarded if a project has not been started rather than an automatic disqualification;
- The estimated volume to capacity ratio reduction has been removed until the due diligence section is restored, which should be next year;
- The ADA compliance has been omitted; and
- The lifecycle cost analysis performance question has been omitted.

A brief question/answer and discussion period was held.

In response to an inquiry by Ms. Harrington, Mr. Kozlosky stated that applications would go out in October. He noted that the process would follow previous years and include feedback. Ms. Strait added that the mandatory meeting would be held in September.

Mr. Kozlosky told members that a final form would be presented for consideration at the Committee's August meeting.

**c. MPO Staffing**

Mr. Kozlosky expressed sadness that Ms. Motsinger, Mr. Lopez and Ms. Doliboa would be leaving the MPO by the end of the month. He noted that he would keep the MPO going in the interim. He expressed appreciation for their efforts and contributions. He noted that Ms. Motsinger has been with the organization for six and a half years.

Some brief comments were made by Committee members expressing best wishes.

Mr. Norowzi offered assistance and support to the understaffed organization.

Mr. Vafier stated that New Hanover County's Planning and Land Use Director, Chris O'Keefe is leaving to be the Planning Director of Jefferson County, Colorado, after 27 years. He noted that the Department will host a party next Friday.

**7. Updates**

Updates are included in the agenda packet.

**8. Announcements**

- Next WMPO Bike/Ped Committee Meeting: August 15, 2017
- Next TCC Meeting: August 16, 2017

Mr. Norowzi reported items of interest to MPOs and RPOs regarding matching funds associated with the budget adopted by the General Assembly. He noted that the fund would provide up to 75 percent of the matching fund to an MPO or RPO with a tier-one county; and 50 percent for a tier-two. He commented that it might be interpreted that the matching funds would apply to a specific set of expenses; but he would need obtain clarification and report back. A brief question/answer and discussion period was held.

Mr. Norowzi explained that no job cuts have been included in the final plan for NCDOT because both the House and Senate had 200 or 400 possible proposals for vacancies; but none made it to the final budget. He added that according to the Federal Highway Administration, MPOs and RPOs will be subject to the same reimbursement rate as the DOT, such as per diem for travel.

Mr. Norowzi reported that positions have been filled for GSAT (Grand Strand Area Transportation) and Jacksonville. He anticipated that the CTP (Comprehensive Transportation Plan) for Brunswick County will be started soon, which may GSAT and Wilmington. He added that he would be working with Mr. Serkin on the non-MPO portion.

**9. Adjournment**

With no further items, the meeting was adjourned at 10:59 a.m.

**THE ABOVE MINUTES ARE NOT A VERBATIM RECORD OF THE PROCEEDINGS.**

**THE ENTIRE PROCEEDINGS ARE RECORDED ON A COMPACT DISC**

**AS PART OF THIS RECORD.**



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## MEMORANDUM

TO: Board Members

FROM: Mike Kozlosky, Executive Director

DATE: August 8, 2017

SUBJECT: Wilmington Traffic Separation Study

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The Wilmington Urban Area Metropolitan Planning Organization Board will consider the submittal of Rail projects for Prioritization 5.0 at the August meeting. There was some question at the July meeting regarding the improvements outlined in Project F-7. Please find the Executive Summary for the Wilmington Traffic Separation Study which was adopted by the Wilmington City Council on February 21, 2017 and Wilmington Urban Area Metropolitan Planning Organization's Board on March 29, 2017.

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Wilmington Urban Area Metropolitan Planning Organization



NC Department of Transportation  
**RAIL DIVISION**

# WILMINGTON

TRAFFIC SEPARATION STUDY

FEBRUARY 2017



STV 100 Years

WILMINGTON TRAFFIC SEPARATION STUDY

February 2017



Gregory Signon, P.E.; Principal-In-Charge  
STV Inc.



02/27/17

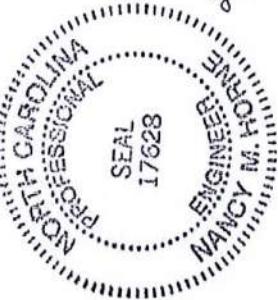


Kathryn Curry, AICP, Project Manager  
STV Inc.

For the North Carolina Department of Transportation



Nancy Home, P.E.; NCDOT Rail Division, Project Manager



2/27/17

For the City of Wilmington



Mike Kozlosky, Executive Director  
Wilmington Metropolitan Planning Organization

2/27/17

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## EXECUTIVE SUMMARY

In a joint cooperative effort with the City of Wilmington and CSX Transportation (CSXT), Wilmington Urban Area MPO, the North Carolina Department of Transportation (NCDOT) has completed the Wilmington Traffic Separation Study (TSS), focusing on 26 existing at-grade roadway-railroad crossings along a 6-mile span of the CSXT rail line which runs from the Port to Pembroke, NC. Wilmington's River to Sea Trail crosses the CSX within the study area, but was excluded from this study. The study team evaluated the CSXT rail line, as well as any planned or programmed railroad and roadway improvements within the study area. **Figure 1** defines the study area of the project.

The process involved public input and involved a series of meetings to gather information and receive public comments on proposed recommendations. These recommendations include safety improvements and possible closures at existing street/rail grade crossings in the City of Wilmington.

A Stakeholder Committee was comprised of members of CSX rail, NCDOT Rail Division and NCDOT Division 3. This committee was established to guide the development of the analysis and recommendations due to their role in providing financial assistance to the completion of the study, and possibly the implementation of approved recommendations. The Stakeholder Committee met twice over the course of the project; the first meeting was held on March 25, 2014 to introduce the project and study area; the second meeting was held on December 2, 2014 to present the draft recommendations and receive feedback on which draft recommendations should be presented to additional stakeholders and to the public.

The study team met with additional stakeholders in order to gain critical input in reaching consensus on grade crossing recommendations. These stakeholders included various city departments, local neighborhood associations, emergency response, and school district representatives met three times during the course of this study; June 10<sup>th</sup> 2014 March 25, 2015, and November 13, 2015. The Public Involvement program included two Citizens Informational Workshops (CIWs) and one neighborhood group meeting. These meetings are summarized below.

### Citizens Informational Workshop #1

The first series of CIWs were held on June 9<sup>th</sup> and June 10<sup>th</sup>. 2014. Study team members were available to introduce the Wilmington Traffic Separation Study, to answer questions related to the study, and to receive comments to aid in developing recommendations for improving the 26 rail crossings.

Advertisements were placed in the Wilmington Star News, Greater Diversity Newspaper and the Wilmington Journal. There were also 1672 postcards sent out to residents located within the study area surrounding the railroad corridor. There were a total of 12 attendees at the meetings. Residents of area neighborhoods were primarily concerned with increased freight train activity, at-grade crossing safety, and investigating new freight railroad corridors. Comments included the need to close redundant crossings, concern over the frequency of train horns, and need for investigating grade separated crossings. Love Grove neighborhood (King Street crossing) expressed concern over the one neighborhood access point that requires residents and emergency response vehicles to cross the CSX Transportation corridor.

## Citizens Informational Workshop #2

The second CIW was held on May 11<sup>th</sup> and 12<sup>th</sup>, 2015 at Wilmington City Hall and Sunset Park Baptist Church, respectively. The study team developed and presented preliminary study recommendations and renderings of improvements to the 26 crossings. Study team members were available to answer questions related to the study, and to receive comments on the preliminary recommendations on safety improvements and closures for the 26 rail crossings.

Advertisements were placed in the Wilmington Star News, Greater Diversity Newspaper and the Wilmington Journal. There were also 1672 postcards sent out to residents located within the study area surrounding the railroad corridor. There were a total of 45 attendees at the meetings. Residents of area neighborhoods were primarily concerned with access to homes and businesses north and south of the tracks. Some stakeholders perceived S. 8<sup>th</sup> and S. 10<sup>th</sup> Streets as local thoroughfares with substantial traffic, and felt that 7<sup>th</sup> Street and 9<sup>th</sup> Street would be better options for closures. Residents were concerned that dead-end streets in the southern section caused by the closures would be disadvantageous to the neighborhood. They shared their concern for aesthetic treatments of proposed barriers, maintenance of landscaped areas, the potential that these areas would be dumping grounds for trash, EMS accessibility to homes in the area, impediment of economic development initiatives, and the potential for increased criminal activities. At the Love Grove neighborhood, the King Street improvements were well-received but the need for a second access was also discussed.

## Neighborhood Group Meeting

In an extra effort to reach residents in the area between S. 4<sup>th</sup> Street and S. 10<sup>th</sup> Street, a small group meeting was held on June 29<sup>th</sup>, 2015 at St. Andrews AME Zion Church. Concept renderings were revised based on feedback from the CIWs, and were shared with the group. Study team members were available to answer questions related to the study, and to receive comments on the recommendations.

Over 800 door hanger meeting announcements were delivered to local residents. There were a total of 48 attendees at the meeting. Residents re-iterated their concern that dead-end streets in the southern section of the study resulting from the proposed closing would disadvantageous to the neighborhood, and shared the same concerns shared at CIW #2. Additionally, they felt the closures would force vehicular traffic on roads that currently carried large volumes of traffic.

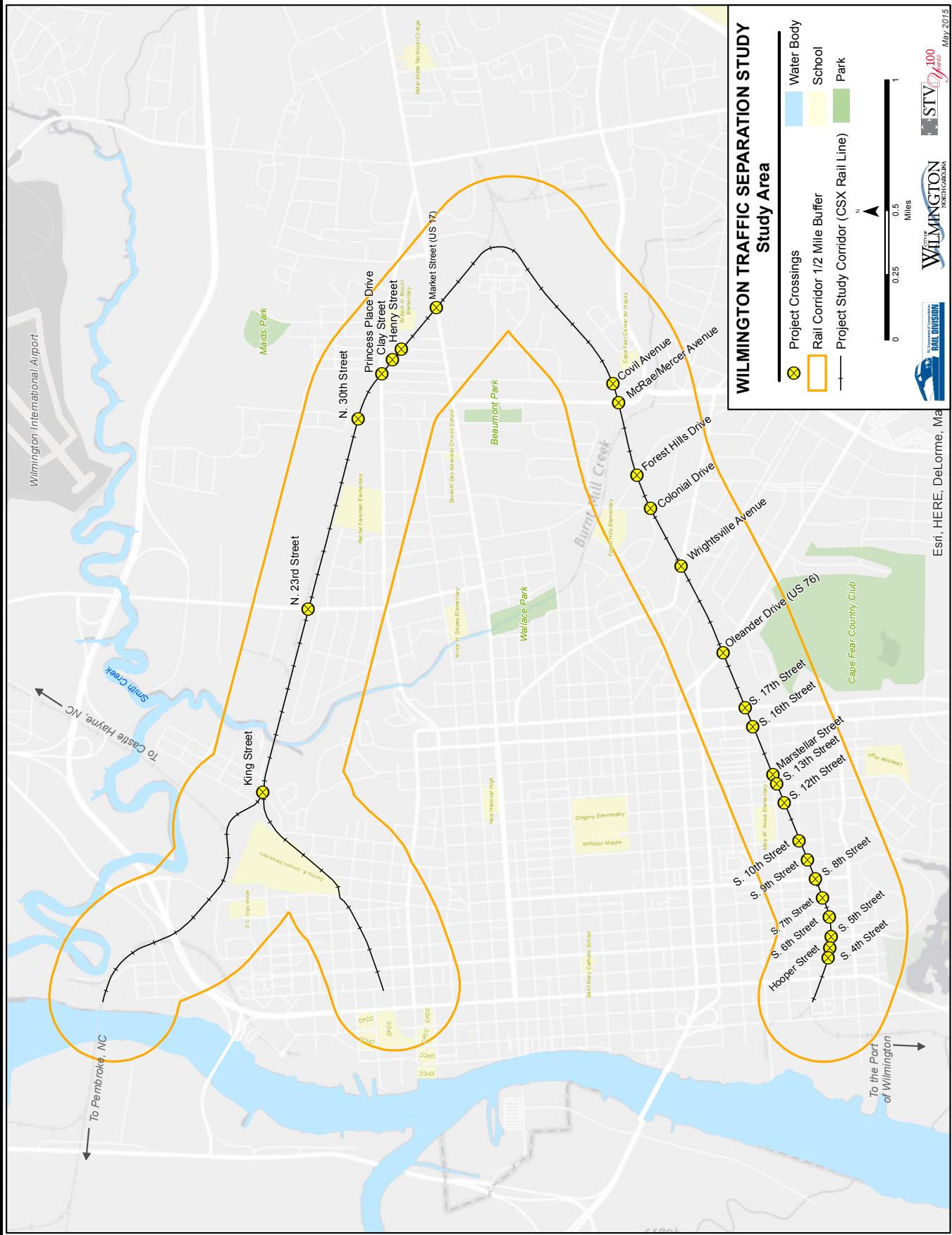


Figure 1 – Wilmington TSS Project Limits

## Study Recommendations

The North Carolina Department of Transportation Rail Division recommends the following crossing improvements at this time. Additional recommendations are outlined in section G.

- A. S. 4<sup>th</sup> Street (Crossing # 629 445S)
  - Signal and gate 4<sup>th</sup> Street and connect Hooper Street to S. 4<sup>th</sup> Street using Martin Street modifications. Martin Street's roadway classification proposed to be a driveway to provide access to adjacent parcels only.
- B. Hooper Street/Martin Street (Crossing # 629 443D)
  - Close the at-grade crossing as well as close a portion of Martin Street from S. 4<sup>th</sup> Street to S. 5<sup>th</sup> Street. Install end of road markers, guardrail and landscaping (per CSXT standards). Define the edge of pavement to minimize parking within railroad limits on the southwest corner property of S. 5<sup>th</sup> Street and Martin Street.
- C. S. 5<sup>th</sup> Street (Crossing # 629 442W)
  - Extend existing medians and construct concrete noses. Convert Martin Street on east side into driveway. Convert S. 5<sup>th</sup> Street into a complete street concept. Reduce the 4-lane cross section to a 2-lane cross section, incorporate bike lanes and on-street parking.
- D. S. 6<sup>th</sup> Street (Crossing # 629 441P)
  - S. 6<sup>th</sup> Street at-grade crossing to remain open. Close Martin Street from S. 5<sup>th</sup> Street to Stroud Alley. Install curb and gutter and landscaping within Martin Street;
- E. S. 7<sup>th</sup> Street (Crossing # 629 440H)
  - Continue to operate the crossing as an at-grade crossing. Martin Street would be closed west of Stroud Alley. Install flashers and gates.
- F. S. 8<sup>th</sup> Street (Crossing # 629 439N)
  - Keep S. 8<sup>th</sup> Street open; install flashers and gates and improve crossing surface. Construct Kidder Street connector between S. 8<sup>th</sup> Street and S. 9<sup>th</sup> Street.
- G. S. 9<sup>th</sup> Street (Crossing # 629 438G)
  - Close the at-grade crossing and install end of road markers, guardrail and landscaping (per CSXT standards). Construct Kidder Street connector between S. 8<sup>th</sup> Street and S. 9<sup>th</sup> Street.
- H. S. 10<sup>th</sup> Street (Crossing # 629 437A)
  - Crossing to remain open with Kidder Street Roadway modifications to include installing end of road markers and guardrail, and landscaping (per CSXT standards); upgrade flashers and install gates at S. 10<sup>th</sup> Street.
- I. S. 12<sup>th</sup> Street (Crossing # 629 436T)
  - Continue to operate the crossing as an at-grade crossing. Install flashers and gates.

- J. S. 13<sup>th</sup> Street (Crossing # 629 435L)
  - Install gates at crossing.
- K. Marsteller Street (Crossing # 629 434E)
  - Improve existing crossing by replacing the rail seal and ensure there is horizontal clearance for two-way traffic. In addition, investigate possible extended gate arms to increase horizontal coverage of crossing closure due to the skewed crossing.
- L. S. 16<sup>th</sup> Street (Crossing # 629 433X)
  - Improve the crossing surface and upgrade sidewalks.
- M. S. 17<sup>th</sup> Street (Crossing # 629 432R)
  - Improve the crossing surface and upgrade sidewalks.
- N. US 76/Oleander Drive (Crossing #629 431J)
  - Upgrade crossing signals and install concrete medians in order to prevent vehicles from crossing the at-grade crossing, as the gates do not protect all movements.
- O. Wrightsville Avenue (Crossing # 629 430C)
  - Improve the crossing surface and upgrade signal system.
- P. Colonial Drive (Crossing # 629 429H)
  - Install gates at crossing.
- Q. Forest Hills Drive (Crossing # 629 428B)
  - Install gates at crossing.
- R. Mercer Avenue (Crossing # 629 427U)
  - Install gates at crossing.
- S. Covil Avenue (Crossing # 629 426M)
  - Install cantilevers, improve crossing surface.
- T. US 17/Market Street (Crossing # 629 290C)
  - Improve the crossing surface and install concrete median.
- U. Henry Street (Crossing # 629 289H)
  - Upgrade signal system.
- V. Clay Street (Crossing # 642 724T)
  - Close the at-grade crossing and install end of road markers, guardrail and landscaping (per CSXT standards). Construct new street connection between Henry and Clay Street.
- W. Princess Place Drive (Crossing # 629 288B)
  - Install cantilevers, improve crossing surface, and provide pedestrian crossing.
- X. N. 30<sup>th</sup> Street (Crossing # 629 287U)
  - Install gates at crossing.

- Install gates, improve surface crossing.
- Y. N. 23<sup>rd</sup> Street (*Crossing # 629 286M*)
  - Improve crossing surface and install concrete median.
- Z. King Street (*Crossing # 629 284Y*)
  - Install flashers and gates. Slightly re-align King Street, relocate utility pole, and improve crossing surface.



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[www.wmpo.org](http://www.wmpo.org)

**TO:** WMPO Board  
**FROM:** Josh Lopez, Associate Transportation Planner  
**DATE:** July 6, 2017  
**SUBJECT:** **WMPO Prioritization 5.0 Potential Submittals: Rail**

---

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 5.0 (P 5.0) process. The P 5.0 Process will include a submittal window in July 2017 through September 2017 to allow MPOs, RPOs and Division Engineers to submit projects for evaluation. The WMPO Board may submit up to 19 projects for each mode of transportation.

Below please find the recommendation for submittal to NCDOT for Prioritization 5.0 Rail Transportation Projects. This list is derived from the draft *Cape Fear Transportation 2040* Plan.

#### Rail

1. FR-5 and FR-6: US421 Railroad crossing safety improvements south of I-140/Dan Cameron Bridge and US421 Railroad extension from Invista to Pender Commerce Park
2. FR-7 – At-Grade rail crossing conflicts on NCDOT and CSX lines (multiple locations) and track improvements at Hilton Bridge, Navassa Bridge, Smith Creek Yard, and Fernside Junction.

| Crossing ID | Street                       |
|-------------|------------------------------|
| 629 284Y    | King Street                  |
| 629 286M    | SR 1302 (N. 23rd St.)        |
| 629 287U    | N. 30th St.                  |
| 629 288B    | SR 1301 (Princess Place Dr.) |
| 642 724T    | Clay Street                  |
| 629 289H    | Henry Street                 |
| 629 290C    | US 17 (Market St.)           |
| 629 426M    | Covil Avenue                 |
| 629 427U    | Mercer Avenue                |
| 629 428B    | Forest Hills Drive           |
| 629 429H    | Colonial Drive               |
| 629 430C    | SR 1411 (Wrightsville Ave.)  |
| 629 431J    | US 76 (Oleander Dr.)         |
| 629 432R    | SR 1219 (S. 17th St.)        |
| 629 433X    | SR 1218 (S. 16th St.)        |
| 629 434E    | Marsteller Street            |
| 629 435L    | S. 13th Street               |

---

Wilmington Urban Area Metropolitan Planning Organization

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

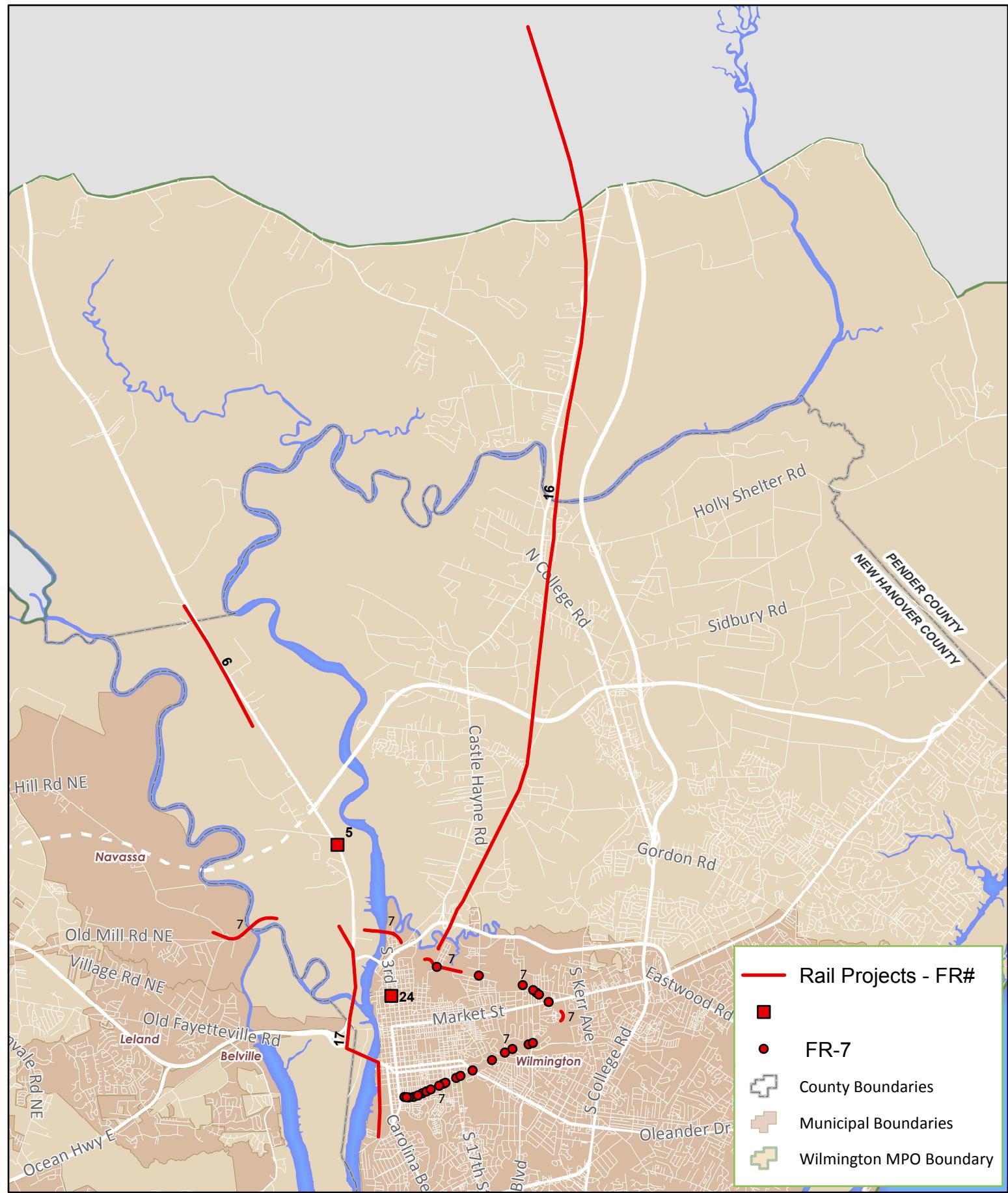
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|          |                       |
|----------|-----------------------|
| 629 436T | S. 12th Street        |
| 629 437A | S. 10th Street        |
| 629 438G | S. 9th Street         |
| 629 439N | S. 8th Street         |
| 629 440H | S. 7th Street         |
| 629 441P | S. 6th Street         |
| 629 442W | S. 5th Street         |
| 629 443D | Hooper St./Martin St. |
| 629 445S | S. 4th Street         |

3. FR-16 Freight rail connection from Castle Hayne to Wallace
4. FR-17 Construct rail across the Cape Fear River between NC Port Of Wilmington and Davis Yard
5. FR-24 Wilmington Multimodal Transportation Center



## WMPO Prioritization 5.0 Potential Submittals: Rail



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION SUPPORTING THE SUBMISSION OF RAIL PROJECTS FOR  
CONSIDERATION BY NCDOT IN PRIORITIZATION 5.0**

**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 Strategic Transportation Investment Bill (HB 817), was signed into law on June 26, 2013; and

**WHEREAS**, the North Carolina Department of Transportation Strategic Prioritization Office of Transportation is updating the Prioritization Process and has created Prioritization 5.0; and

**WHEREAS**, the Strategic Prioritization Office of Transportation's prioritization process will evaluate projects based on a quantitative and qualitative analysis and developed a selection process that is transparent and data driven; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization can submit up to 19 new rail projects through Prioritization 5.0; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has developed a list of rail projects to submit to the North Carolina Department of Transportation for Prioritization 5.0 evaluation as follows:

- FR-5 and FR-6: US421 Railroad crossing safety improvements south of I-140/Dan Cameron Bridge and US421 Railroad extension from Invista to Pender Commerce Park
- FR-7 – At-Grade rail crossing conflicts on NCDOT and CSX lines (multiple locations) and track improvements at Hilton Bridge, Navassa Bridge, Smith Creek Yard, and Fernside Junction.
  - King Street
  - (N. 23rd St.)
  - N. 30th St.
  - SR 1301 (Princess Place Dr.)
  - Clay Street
  - Henry Street
  - US 17 (Market St.)
  - Covil Avenue
  - Mercer Avenue
  - Forest Hills Drive
  - Colonial Drive
  - SR 1411 (Wrightsville Ave.)
  - US 76 (Oleander Dr.)
  - SR 1219 (S. 17th St.)

- SR 1218 (S. 16th St.)
  - Marsteller Street
  - S. 13th Street
  - S. 12th Street
  - S. 10th Street
  - S. 9th Street
  - S. 8th Street
  - S. 7th Street
  - S. 6th Street
  - S. 5th Street
  - Hooper Street/Martin Street
  - S. 4th Street
- FR-16 Freight rail connection from Castle Hayne to Wallace
  - FR-17 Construct rail across the Cape Fear River between NC Port of Wilmington and Davis Yard
  - FR-24 Wilmington Multimodal Transportation Center

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the submission of Rail projects for consideration by NCDOT in Prioritization 5.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 30, 2017.

---

Gary Doetsch, Chair

---

Mike Kozlosky, Secretary

**BYLAWS**  
**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**BOARD**  
**TRANSPORTATION**  
**ADVISORY COMMITTEE**

**ARTICLE I – NAME**

The name of this organization shall be the Wilmington Urban Area Metropolitan Planning Organization BoardTransportation Advisory Committee, hereinafter referred to as the "BoardTAC".

**ARTICLE II – PURPOSE**

The purposes of the Board TAC are outlined in the most recent "Memorandum of Understanding" approved by the appropriate local governments.

**ARTICLE III – MEMBERS**

Section I – Number of Qualifications: The Board TAC shall consist as specified in the "Memorandum of Understanding". The eligible voting member list consists of a representative from each of the appropriate boards with the City of Wilmington having two representatives.

Section II – Terms of Office: All elected representatives serving on the BoardTAC may serve for the length of their elected terms. A member may serve successive terms.

Section III – Alternates: Each of the member appropriate boards may shall designate appoint one (1) Alternate provided each Alternate also meets the same qualifications of membership, all members of their governing board who are not members of the TAC as alternate members of the TAC. In the event that a member is unable to attend, that member or the chief elected officer of that jurisdiction will designate an alternate to attend and participate in the member's absence. That The Alternate member willmay serve as a full voting member during any meeting where the one of that board's representative(s) is not in attendance. Proxy and absentee voting are not permitted.

**ARTICLE IV – OFFICERS**

Section I – Officers Defined: The BoardTAG shall, upon majority vote of its membership, appoint one voting member of the Committee to act as Chairman and one voting member to act as Vice-Chairman. A member of the

staff of the Wilmington Urban Area Metropolitan Planning Organization will serve as Secretary to the Committee.

Section II – Duties: The Chairman shall call and preside at meetings and appoint committees. In absence of the Chairman, the Vice-Chairman shall preside and complete all duties of the Chairman.

Section III – Elections: The Chairman and Vice-Chairman shall be elected annually by the voting members of the BoardTAG, with their terms 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.

## **ARTICLE V - MEETINGS**

Section I – Meetings: Regular schedules will be adopted by the BoardTAG at the last first meeting of the calendar year. If there is insufficient reason for a regularly scheduled meeting, as determined by the Chairman, the Secretary will notify BoardTAG members of the meeting's cancellation. Meetings shall be conducted under parliamentary procedures consistent with Robert's Rules of Order.

A Special or Emergency meeting is a separate session of society held at a time different from that of a regular meeting, and convened only to consider one or more items of business specified in the call of the meeting. Notice of the time, place and exact purpose of the meeting must be mailed to all members a reasonable number of days in advance. The reason for the special or emergency meeting is to deal with important matters that may arise between regular meetings and that urgently require action by the society before the next regular meeting. As in the case of a regular meeting, the session of a special or emergency meeting in an ordinary society is normally concluded in a single meeting, unless the assembly at the special meeting schedules an adjourned meeting.

Special Meetings – The Chairman or a majority of board members may at any time call a special meeting of the BoardCommittee 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 news organizations. Only items of business specified in the notice may be transacted at a special meeting.

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.

Section II- Board TAC Sub-Committees: The Board Transportation Advisory Committee may create Sub-Committees to assist with forwarding the mission and goals of the Wilmington MPO. These Sub-Committees shall be created by a formal vote of the -Board Transportation Advisory Committee. The notice of Sub-Committee meetings shall 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 all Board Transportation Advisory Committee members and news organizations.

Section III– Quorums and Majority Vote: 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 BoardTAG, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

Section IV– 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 TAC 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.

## **ARTICLE VI – VOTING PROCEDURES**

Section I – Majority Votes: 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 BoardTAG shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists. Abstentions are not included in the tally of the votes. Proxy and absentee voting are not permitted.

Section II – Agenda: The agenda is the list of items suggested for discussion at a BoardTAG meeting. Agenda items originate from the Executive

Director or as a carry-over from previous meetings, are placed on the agenda prior to its distribution by any member of the BoardTAG, by request from any jurisdiction party to the "Memorandum of Understanding," or by the request of a member of the Technical Coordinating Committee (TCC). TCC and BoardTAG members may submit an item(s) to their respective TCC and BoardTAG agendas. In order for a Board member to submit an item(s) to the TCC or BoardTAG, 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 BoardTAG shall approve the agenda at the beginning of each meeting. At this time, the BoardTAG shall have the ability to add or remove any item on the agenda by a super-majority vote of the Board'sTAG's voting members present. An item added to the agenda will be placed for consideration at the end of the meeting.

## **ARTICLE VII – AMENDMENTS TO BYLAWS**

Amendments to these Bylaws of the BoardTAG shall require the affirmative vote of at least two-thirds (2/3) of the eligible voting members, provided that written notice of the proposed amendment has been received by each member at least seven (7) days prior to the meeting at which the item is to be considered and provided that such amendment does not conflict with the letter or the fundamental intent of the "Memorandum of Understanding" governing this document. In the event of any conflict, the "Memorandum of Understanding" shall carry precedence over these Bylaws.

Date Adopted\_\_\_\_\_

---

Signature of Chairman

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION AMENDING THE BYLAWS OF THE WILMINGTON URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION**

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

**WHEREAS**, the Bylaws serve as the written rules of conduct for the Wilmington Urban Area Metropolitan Planning Organization; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has identified a need to amend the Organization's Bylaws to change the name of the policy board to the Board, change the date when the Board adopts the meeting calendar and to clarify that each member may appoint one (1) Alternate member.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the amended Wilmington Urban Area Metropolitan Planning Organization Bylaws.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 30, 2017.

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Gary Doetsch, Chair

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Mike Kozlosky, Secretary

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

**FY 2017-2018 PUBLIC TRANSPORTATION PLANNING SECTION 5303 GRANT  
AGREEMENT FOR THE WILMINGTON URBANIZED AREA**

**THIS AGREEMENT** made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2017 by and between the City of Wilmington, the Wilmington Urban Area Metropolitan Planning Organization, a metropolitan planning organization and the Cape Fear Public Transportation Authority d/b/a “Wave Transit”, a North Carolina public transportation authority.

**W I T N E S S E T H**

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

**WHEREAS**, pursuant to, and in compliance with, 23 C.F.R. § 450.306 (2017), the Wilmington Urban Area Metropolitan Planning Organization (hereinafter referred to as “MPO”) was designated as the policy body for cooperative transportation decision making in the UZA; and

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

**WHEREAS**, on November 18, 2015, the MPO, which includes the City of Wilmington, New Hanover County, North Carolina Department of Transportation, and other urban area jurisdictions adopted the “Cape Fear Transportation 2040” which affects the UZA; and

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

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

**WHEREAS**, the MPO is the recipient of Federal Transit Administration 49 U.S.C. § 5303 (2017) transit planning funds for the UZA; and

**WHEREAS**, the Federal Transit Administration, pursuant to 49 U.S.C. § 5303 (2017), provides 80% of transportation planning funds for the UZA, the North Carolina Department of Transportation provides 10%, and the required 10% local match is shared by the members of the MPO in accordance with the Memorandum of Understanding for Cooperative, Comprehensive, and Continuing Transportation Planning, dated June 30, 2016; and

**WHEREAS**, 23 C.F.R. § 450.314 (2017) requires an agreement between Wave and the MPO specifying cooperative procedures for carrying out transportation planning and programming.

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

- 1. Cooperation.** The MPO and Wave shall cooperate in long range planning for the provision of public transportation services in the UZA, including the Metropolitan Transportation Improvement Program (hereinafter referred to as “MTIP”). Such cooperation includes, but is not limited to, estimating funds needed for the services recommended in the MTIP as adopted by the MPO. MTIP is in accordance with the State Transportation Improvement Program, and is periodically amended as the State Transportation Improvement Program is updated.
- 2. Planning.** Wave shall be afforded the opportunity for meaningful participation in the public transportation planning and decision making process. The parties shall insure that projects in the public transportation service portion of the MTIP are included in the planning process.
- 3. Tasks.** Wave agrees and covenants to dutifully and properly perform the program tasks assigned to them as evidenced by the line item allocation shown on the MPO’s budget which is known as the Unified Planning Work Program.
- 4. Funding.** The MPO will pay to Wave seventy percent (70%) of its allocation of 49 U.S.C. § 5303 (2017) planning funds for the term of this agreement. No funds paid under this Agreement shall be paid from the City of Wilmington’s funds, except those held for the MPO. No funds paid under this agreement shall exceed \$56,000.
- 5. Duration.** This Agreement shall commence on the date of its full execution by all parties and continue for one year or as long as Federal and State funding for public transportation planning are provided for the UZA if such funding is for less than one year.
- 6. Termination.** This Agreement shall terminate as a result of the loss of Federal

and/or State funding for public transportation services for the UZA. Additionally, any party may terminate this Agreement upon written notice to the other party which specifies an effective date of termination. The effective date of said "Notice of Termination" shall be no earlier than thirty (30) days prior to the date the notice is sent.

7. **Governing Law.** All of the terms and conditions contained herein shall be interpreted in accordance with the laws of the State of North Carolina without regard to any conflicts of law principles and subject to the exclusive jurisdiction of federal or state courts within the State of North Carolina. In the event of a conflict between the various terms and conditions contained herein or between these terms and other applicable provisions, then the more particular shall prevail over the general and the more stringent or higher standard shall prevail over the less stringent or lower standard.
8. **Entire Agreement, Amendments.** This Agreement constitutes the entire contract between the parties, and no warranties, inducements, considerations, promises or other inferences shall be implied or impressed upon this agreement that are not set forth herein. This Agreement shall not be altered or amended except in writing signed by all Parties.

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

**(This space is left intentionally blank)**

## CITY OF WILMINGTON

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Bill Saffo, Mayor

**ATTEST:**

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Penelope Spicer-Sidbury, City Clerk

[SEAL]

Approved as to form:

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John Joye, City Attorney

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

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

WITNESS my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

---

Notary Public

My commission expires: \_\_\_\_\_

### CERTIFICATION

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

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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Debra H. Mack, City Finance Officer

Project Number: MP1718 (if applicable)  
Account Number: 021-2753-442.31-60  
Amount of Contract: \$ Not to Exceed 56,000  
Federal ID Number: 56 6000239

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

By: \_\_\_\_\_  
Honorable Gary Doetsch, Chair

Attest: \_\_\_\_\_  
Secretary Mike Kozlosky

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

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

WITNESS my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
(Seal)  
Notary Public  
My commission expires: \_\_\_\_\_.

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

By: \_\_\_\_\_  
Chairman

Attest: \_\_\_\_\_  
Secretary

STATE OF NORTH CAROLINA  
COUNTY OF NEW HANOVER

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

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
\_\_\_\_\_  
(Seal)  
Notary Public  
My Commission Expires: \_\_\_\_\_.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION AUTHORIZING THE CHAIRMAN TO ENTER INTO AN AGREEMENT WITH  
THE CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY AND CITY OF WILMINGTON  
FOR THE MPO TO PROVIDE SECTION 5303 FUNDING TO THE CAPE FEAR PUBLIC  
TRANSPORTATION AUTHORITY FOR PUBLIC TRANSPORTATION PLANNING ACTIVITES**

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

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

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

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

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

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

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

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby authorizes the Chairman to enter into an agreement for FY 17-18 with the Cape Fear Public Transportation Authority and City of Wilmington for the MPO to provide Section 5303 funding to the Authority to complete public transportation planning activities within the MPO's Urbanized Area boundary.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 30, 2017.

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Gary Doetsch, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY  | ID<br>NUMBER   | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU)<br>Funds | PRIOR<br>YEARS<br>COST<br>(THOU)<br>Funds                   |    | STATE TRANSPORTATION PROGRAM |         | DEVELOPMENTAL PROGRAM |         | UNFUNDED<br>FUTURE YEARS |    |
|---|--|---|-------------------|--|---|----|------------------------------|---------|-----------------------|---------|--------------------------|----|
|   |  |   |                   |  | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |    | FY 2018                      | FY 2019 | FY 2020               | FY 2021 | FY 2022                  |    |
|   |  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| <b>INTERSTATE PROJECTS</b>  |  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| I-40<br>NEW HANOVER<br>PENDER   | I-5357<br>SW   | SOUTH OF US 117 (MILEMARKER 389.5) TO<br>NORTH OF SR 1318 (MILE MARKER 393.0) IN<br>PENDER COUNTY AND SOUTH OF NC 210<br>(MILE MARKER 408.6) IN PENDER COUNTY<br>TO END OF I-40 (MILE MARKER 420) IN NEW<br>HANOVER COUNTY. PAVEMENT<br>REHABILITATION. | 14.9              | 11230                                    | 11230   |    |                              |         |                       |         |                          |    |
| I-40<br>DUPLIN<br>PENDER<br>SAMPSION  | I-5940<br>SW   | SR 1725 (MILEMARKER 352) IN SAMPSION<br>COUNTY TO SR 1501 (MILE EMARKER 388) IN<br>PENDER COUNTY. PAVEMENT<br>REHABILITATION.   | 36.5              | 19470                                    | NHP   | M  | C                            | 9735    | C                     | 9735    | C                        |    |
| I-40<br>NEW HANOVER   | I-5760<br>SW   | I-40 TO US 421. PAVEMENT REHABILITATION.  | 6.6               | 5520                                     | 5520  |    |                              |         |                       |         |                          |    |
| <b>RURAL PROJECTS</b>   |  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| I-40/US 17<br>(WILMINGTON<br>BYPASS)  | R-2633   | US 17 SOUTH OF NC 87 IN BRUNSWICK<br>COUNTY TO I-40 IN NEW HANOVER COUNTY.<br>FOUR LANE DIVIDED FREEWAY ON NEW<br>LOCATION.   | 20.2              | 645929                                   | NHP   | CG | 3405                         | AA      | CG                    | 3405    | AA                       |    |
| BRUNSWICK<br>NEW HANOVER  |  |   |                   |  | NHP   | CG | 5125                         | BA      | CG                    | 5125    | BA                       | CG |
|   |  |   |                   |  | NHP   | CG | 10250                        | BB      | CG                    | 10250   | BB                       | CG |
|   |  |   |                   |  | NHP   | C  | 2700                         | D       |                       |         |                          |    |
| <b>UNDER CONSTRUCTION</b>   |  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| TRN AA<br>AB  | NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE<br>US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD). - UNDER CONSTRUCTION |   |                   |  |   |    |                              |         |                       |         |                          |    |
| TRN BB<br>BC  | SR 1430 (CEDAR HILL ROAD) TO WEST OF US 421 NORTH OF WILMINGTON. - UNDER CONSTRUCTION<br>US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO WEST OF US 421 NORTH OF WILMINGTON.          |   |                   |  |   |    |                              |         |                       |         |                          |    |
| CA  | WEST OF US 421 NORTH OF WILMINGTON TO WEST OF NC 133. - COMPLETE   |   |                   |  |   |    |                              |         |                       |         |                          |    |
| CB  | WEST OF NC 133 TO US 17. - COMPLETE  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| CC  | US 117 TO EAST OF I-40 SOUTH OF CASTLE HAYNE. - COMPLETE   |   |                   |  |   |    |                              |         |                       |         |                          |    |
| TRN D   | IMPLEMENTATION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS).  |   |                   |  |   |    |                              |         |                       |         |                          |    |
| <b>PLANNING/DESIGN IN PROGRESS; GARVEE BOND FUNDING \$31.05 M FOR SEGMENT AA; PAYBACK FY 2010-2021 - GARVEE BOND FUNDING \$50 M FOR SEGMENT BA; PAYBACK FY 2013-2024 - GARVEE BOND FUNDING \$100 M FOR SEGMENT BB; PAYBACK FY 2013-2024</b> |  |   |                   |  |   |    |                              |         |                       |         |                          |    |

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER                    | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |           |              |
|--|---------------------------------|---|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|-----------|--------------|
|  |                                 |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |           |              |
|  |                                 |   |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027   | FUTURE YEARS |
| <b>RURAL PROJECTS</b>  |                                 |   |                   |                                 |                                  |   |         |         |                       |           |              |
| US 17<br>(HAMPSTEAD<br>BYPASS)   | R-3300                          | US 17 BYPASS SOUTH OF HAMPTON TO<br>US 17 NORTH OF HAMPTON. CONSTRUCT<br>FREEWAY ON NEW LOCATION  | 12.3              | 294761                          | 12282                            | T   | T       | R       | R                     | R         | R 33060 A    |
| NEW HANOVER<br>PENDER  |                                 |   |                   |                                 |                                  | T   | T       | U       | 500                   |           | U 500 A      |
| US 17/US 76  | R-3601                          | NC 133/SR 1472 (VILLAGE ROAD)<br>INTERCHANGE TO THE US 421/NC 133<br>INTERCHANGE. ADD ADDITIONAL LANES ON<br>NORTH AND SOUTHBOUND LANES AND<br>WIDEN BRIDGE 090107 AND BRIDGE 090108. | 1.5               | 65190                           | 65190                            |   |         |         |                       |           | C 116123 A   |
| BRUNSWICK<br>NEW HANOVER   | TRN                             |   |                   |                                 |                                  |   |         |         |                       |           |              |
| VARIOUS  | R-5783                          | DIVISION 3 PROGRAM TO UPGRADE<br>INTERSECTIONS TO COMPLY WITH THE<br>AMERICANS WITH DISABILITIES ACT (ADA)<br>USING TRANSPORTATION ALTERNATIVES<br>(TA) FUNDS.                        |                   | 596                             | 596                              | UNDER CONSTRUCTION  |         |         |                       |           |              |
| BRUNSWICK<br>DUPLIN<br>NEW HANOVER<br>ONSLOW<br>PENDER<br>SAMPSION   | DIV                             |   |                   |                                 |                                  |   |         |         |                       |           |              |
| <b>URBAN PROJECTS</b>  |                                 |   |                   |                                 |                                  |   |         |         |                       |           |              |
| US 17  | U-5732                          | SR 1582 (WASHINGTON ACRES ROAD) TO SR<br>1563 (SLOOP POINT LOOP ROAD). CONVERT<br>TO SUPERSTREET.   | 5.5               | 23714                           | 3235                             | T   | R       | 4724    |                       |           |              |
| PENDER   | REG                             |   |                   |                                 |                                  | T   | U       | 567     |                       |           |              |
| US 17 BUSINESS<br>(MARKET STREET)  | U-4902                          | COLONIAL DRIVE TO SR 1402 (PORTERS<br>NECK ROAD). ACCESS MANAGEMENT<br>IMPROVEMENTS.  | 8.6               | 67307                           | 4857                             | T   | R       | 500     | B                     |           |              |
| NEW HANOVER  |                                 |   |                   |                                 |                                  | T   | T       | C       | 15517 C               | C 15517 C |              |
|  |                                 |   |                   |                                 |                                  | C   | 6000 D  | C       | 6000 D                |           |              |
| US 17 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD. - COMPLETE<br>CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). - PLANNING/DESIGN IN PROGRESS |                                 |   |                   |                                 |                                  |   |         |         |                       |           |              |
| REG  | A                               | SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE. - PLANNING/DESIGN IN PROGRESS   |                   |                                 |                                  |   |         |         |                       |           |              |
| SW   | C                               | NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. - RIGHT OF WAY IN PROGRESS.  |                   |                                 |                                  |   |         |         |                       |           |              |
| SW   | D                               | SR 2290 (MIDDLE SOUND LOOP ROAD) TO SR 2734 (MENDEHALL DRIVE). - RIGHT OF WAY IN PROGRESS   |                   |                                 |                                  |   |         |         |                       |           |              |
| PLANNING/DESIGN IN PROGRESS  |                                 |   |                   |                                 |                                  |   |         |         |                       |           |              |
| <b>Cost and Schedules are Preliminary and Subject to Significant Changes as More Information Becomes Available</b>   |                                 |   |                   |                                 |                                  |   |         |         |                       |           |              |
| <b>DIV - Division Category</b>   | <b>EX - Exempt Category</b>     |   |                   |                                 |                                  |   |         |         |                       |           |              |
| <b>HF - State Dollars (Non STI)</b>  | <b>REG - Regional Category</b>  |   |                   |                                 |                                  |   |         |         |                       |           |              |
| <b>SW - Statewide Category</b>   | <b>TRN - Transition Project</b> |   |                   |                                 |                                  |   |         |         |                       |           |              |

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
HIGHWAY PROGRAM

HIGHWAY PROGRAM

| ROUTE/CITY<br>COUNTRY  | ID<br>NUMBER  | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |              |             |             |              |                       |               |  |  |         |
|--|---------------|---|-------------------|---------------------------------|----------------------------------|---|--------------|-------------|-------------|--------------|-----------------------|---------------|--|--|---------|
|  |               |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |              |             |             |              | DEVELOPMENTAL PROGRAM |               |  |  |         |
|  |               |   |                   |                                 |                                  | FY 2018   | FY 2019      | FY 2020     | FY 2021     | FY 2022      | FY 2023               | FY 2024       | FY 2025  | FY 2026  | FY 2027 |
| <b>URBAN PROJECTS</b>  |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 74<br>(EASTWOOD ROAD)<br>NEW HANOVER                      | U-5710<br>SW  | SR 1409 (MILITARY CUTOFF ROAD)<br>INTERSECTION IN WILMINGTON. CONVERT<br>AT-GRADE INTERSECTION TO AN<br>INTERCHANGE.                    | 2                 | 25810                           | 700<br>NHP<br>NHP                | R<br>2430   | R<br>2430    | R<br>2430   | R<br>2430   | R<br>2430    | C<br>6750             | C<br>6750     | C<br>6750  | C<br>6750  |         |
| <b>PLANNING/DESIGN IN PROGRESS</b>                           |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 74<br>(MARTIN LUTHER<br>KING, JR. PARKWAY)<br>NEW HANOVER | U-5792<br>DIV | US 117/NC 132 (COLLEGE ROAD) IN<br>WILMINGTON. CONVERT AT-GRADE<br>INTERSECTION TO INTERCHANGE.   | 2                 | 25610                           | 500<br>NHP<br>NHP                | T<br>T  | T<br>T       | T<br>T      | T<br>T      | T<br>T       | C<br>10125            | C<br>10125    | C<br>10125   | C<br>10125   |         |
| <b>PLANNING/DESIGN IN PROGRESS</b>                           |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 74<br>NEW HANOVER   | U-5731<br>SW  | US 17/US 421 IN WILMINGTON. CONSTRUCT<br>A FLY-OVER AND FREE FLOW RAMP AT<br>INTERCHANGE.   | 1                 | 36700                           | 700<br>T<br>T                    | R<br>1000   | R<br>1000    | R<br>1000   | R<br>1000   | R<br>1000    | C<br>10000            | C<br>10000    | C<br>10000   | C<br>10000   |         |
| <b>PLANNING/DESIGN IN PROGRESS</b>                           |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 421<br>(CAROLINA BEACH<br>ROAD)<br>NEW HANOVER            | U-5729<br>SW  | US 421 (BURNETT AVENUE) TO US 117<br>(SHIPYARD BOULEVARD) IN WILMINGTON.<br>UPGRADE ROADWAY.  | 1.6               | 18675                           | 1500<br>T                        | R<br>3000 RE  | R<br>1000 SW | R<br>275 RE | R<br>500 SW | R<br>1000 RE | C<br>2400 SW          | C<br>10000 RE | REG REG US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - PLANNING/DESIGN IN PROGRESS | REG REG US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - PLANNING/DESIGN IN PROGRESS |         |
| <b>PLANNING/DESIGN IN PROGRESS</b>                           |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 421<br>(CAROLINA BEACH<br>ROAD)<br>NEW HANOVER            | U-5790<br>DIV | NC 132 (SOUTH COLLEGE ROAD) TO<br>SANDERS ROAD IN WILMINGTON. WIDEN<br>EXISTING ROADWAY AND CONSTRUCT<br>FLYOVERS AT US 421 AND NC 132. | 1.1               | 25594                           | 500<br>NHP<br>NHP<br>NHP         | T<br>T  | T<br>T       | T<br>T      | T<br>T      | T<br>T       | C<br>20386            | C<br>11200    | C<br>11200   | C<br>11200   |         |
| <b>PLANNING/DESIGN IN PROGRESS</b>                           |               |   |                   |                                 |                                  |   |              |             |             |              |                       |               |  |  |         |
| US 421<br>(SOUTH FRONT<br>STREET)<br>NEW HANOVER             | U-5734<br>REG | US 17 BUSINESS/US 76/US 421 (CAPE FEAR<br>MEMORIAL BRIDGE) TO US 421 (BURNETT<br>BOULEVARD) IN WILMINGTON. WIDEN TO<br>MULTI-LANES.     | 1                 | 27000                           | 1000<br>T<br>T                   | R<br>6600   | R<br>1600    | R<br>183    | R<br>183    | R<br>183     | R<br>6600             | R<br>6600     | R<br>6600  | R<br>6600  |         |

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

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER  | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |                            |  |                            |                            |                            |  |
|--|---------------|--|-------------------|---------------------------------|----------------------------------|---|----------------------------|--|----------------------------|----------------------------|----------------------------|--|
|  |               |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |                            |  | DEVELOPMENTAL PROGRAM      |                            |                            |  |
| UNFUNDED<br>FUTURE YEARS   |               | FY 2023  | FY 2024           | FY 2025                         | FY 2026                          | FY 2027   | FY 2023                    | FY 2024  | FY 2025                    | FY 2026                    | FY 2027                    |  |
| <b>URBAN PROJECTS</b>  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 132<br>(COLLEGE ROAD)   | U-5881        | SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.  | 2.9               | 82450                           | 750                              | T<br>T<br>T   | R<br>U<br>U                | 17050<br>1500<br>1500                            | R<br>U<br>U                | 17050<br>1500<br>1500      | R<br>U<br>U                |  |
| NEW HANOVER  | SW            |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| PLANNING/DESIGN IN PROGRESS  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 132<br>(COLLEGE ROAD)   | U-5704        | US 76 (OLEANDER DRIVE). CONSTRUCT INTERCHANGE.   |                   | 56100                           | 800                              | NHP<br>NHP<br>NHP   | R<br>U<br>U                | 12500<br>2500<br>2500                            | R<br>U<br>U                | 12500<br>2500<br>2500      | R<br>U<br>U                |  |
| NEW HANOVER  | SW            |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| PLANNING/DESIGN IN PROGRESS  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 132<br>(COLLEGE ROAD)   | U-5702        | SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD) IN WILMINGON. ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. | 9.7               | 101785                          | 820                              | NHP<br>NHP<br>NHP<br>NHP<br>NHP<br>NHP                      | R<br>U<br>C<br>C<br>C<br>C | 9700<br>2300<br>11300<br>11300<br>11300<br>11300 | A<br>A<br>A<br>A<br>A<br>A | R<br>R<br>R<br>R<br>R<br>R | A<br>B<br>B<br>B<br>B<br>B |  |
| NEW HANOVER  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| SW A SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD) ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 133<br>(CASTLE HAYNE<br>ROAD)   | U-5954        | NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.   | 1                 | 1030                            | T<br>T                           |   |                            |  | R<br>U<br>U                | 150<br>100<br>100          |                            |  |
| NEW HANOVER  | REG           |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| SW B US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD) ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.                             |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 133<br>BRUNSWICK  | U-5914<br>DIV | US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.  | 0.5               | 5880                            | 750                              | T<br>T  |                            |  | R<br>U<br>U                | 150<br>100<br>100          |                            |  |
| NEW HANOVER  | REG           |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| PLANNING/DESIGN IN PROGRESS  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| NC 133<br>(CASTLE HAYNE<br>ROAD)   | U-5863        | I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTILANES.                          | 3.7               | 31374                           | 1000                             | T<br>T  |                            |  | R<br>U<br>U                | 2058<br>500<br>500         |                            |  |
| NEW HANOVER  | REG           |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |
| PLANNING/DESIGN IN PROGRESS  |               |  |                   |                                 |                                  |   |                            |  |                            |                            |                            |  |

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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |             |                   |                       |         |              |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|---|-------------|-------------------|-----------------------|---------|--------------|
|  |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |             |                   | DEVELOPMENTAL PROGRAM |         |              |
|  |              |  |                   |                                 |                                  | FY 2023   | FY 2024     | FY 2025           | FY 2026               | FY 2027 | FUTURE YEARS |
| <b>URBAN PROJECTS</b>  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| SR 1175<br>(KERR AVENUE)   | U-3338       | RANDALL PARKWAY TO US 74 (MLK, JR.<br>PARKWAY) IN WILMINGTON. WIDEN TO<br>MULTI-LANES.   | 3.2               | 85551                           | 62296                            | STBG<br>STBG<br>STBG  | R<br>U<br>C | 3913<br>1030<br>C | R<br>225              |         |              |
| NEW HANOVER  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| SR 1175<br>(KERR AVENUE)   | U-6080       | PATRICK AVENUE TO SR 1411<br>(WRIGHTSVILLE AVENUE). WIDEN TO MULTI-<br>LANES.  | 1.1               | 25900                           | 7                                |   |             |                   |                       |         |              |
| NEW HANOVER  | DIV          |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| SR 1209<br>(INDEPENDENCE<br>BOULEVARD<br>EXTENSION)  | U-4434       | RANDALL PARKWAY TO US 74 (MLK, JR.<br>PARKWAY) IN WILMINGTON. MULTI-LANES<br>ON NEW LOCATION.  | 1.7               | 155425                          | 4126                             | STBG<br>STBG<br>STBG  |             |                   |                       |         |              |
| NEW HANOVER  | DIV          |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>PLANNING/DESIGN IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| SR 1409<br>(MILITARY CUTOFF<br>ROAD EXTENSION)   | U-4751       | SR 1409 (MILITARY CUTOFF ROAD) TO US 17<br>(MARKET STREET) IN WILMINGTON. MULTI-<br>LANES ON NEW LOCATION.   | 4                 | 169045                          | 78245                            | T   | C<br>22700  | C<br>22700        | C<br>22700            |         |              |
| NEW HANOVER  | SW           |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>SW A 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</b> |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>PLANNING/DESIGN AND RIGHT OF WAY IN PROGRESS</b>  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| NEW ROUTE<br>(CAPE FEAR<br>CROSSING)   | U-4738       | US 17 TO US 421 (INDEPENDENCE<br>BOULEVARD-CAROLINA BEACH ROAD)<br>INTERSECTION. CONSTRUCT A NEW<br>FACILITY WITH STRUCTURE OVER THE CAPE<br>FEAR RIVER. | 9.5               | 1161641                         | 9641                             | BOND R<br>BOND R<br>BOND R                                  |             |                   |                       |         |              |
| BRUNSWICK<br>NEW HANOVER   |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY USING STPDA FUNDING FROM WILMINGTON MPO</b>  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| NEW ROUTE  | U-5926       | SR 1302 (23RD STREET) TO 26TH STREET.<br>CONSTRUCT ROUTE ON NEW LOCATION.<br>ECONOMIC DEVELOPMENT PROJECT.   | 6447              | 1125                            | L                                |   |             | R<br>225          |                       |         |              |
| NEW HANOVER  | DIV          |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>ECONOMIC DEVELOPMENT PROJECT</b>  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>UNFUNDED</b>  |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |
| <b>COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO<br/>SIGNIFICANT CHANGES AS MORE INFORMATION BECOMES AVAILABLE</b>   |              |  |                   |                                 |                                  |   |             |                   |                       |         |              |

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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY               | ID<br>NUMBER    | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |                 |                 |                       |                 |                 |
|------------------------------------|-----------------|--|-------------------|---------------------------------|----------------------------------|---|-----------------|-----------------|-----------------------|-----------------|-----------------|
|                                    |                 |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |                 |                 | DEVELOPMENTAL PROGRAM |                 |                 |
|                                    |                 |  |                   |                                 |                                  | FY 2023   | FY 2024         | FY 2025         | FY 2026               | FY 2027         | FUTURE YEARS    |
| <b>URBAN PROJECTS</b>              |                 |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| VARIOUS                            | U-5989          | WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.                       |                   | 22380                           | STBGDA                           | C 2238  | C 2238          | C 2238          | C 2238                | C 2238          |                 |
| BRUNSWICK<br>NEW HANOVER<br>PENDER | DIV             |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| VARIOUS                            | U-5525          | WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION PLANNING ALLOCATION AND UNIFIED WORK PROGRAM. |                   | 3000                            | STBGDA                           | PE 240<br>L PE 60   | PE 240<br>PE 60 | PE 240<br>PE 60 | PE 240<br>PE 60       | PE 240<br>PE 60 | PE 240<br>PE 60 |
| BRUNSWICK<br>NEW HANOVER<br>PENDER | DIV             |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| VARIOUS                            | U-5534          | WILMINGTON URBAN AREA MPO STP-DA PROGRAM.  |                   | 11245                           | 1125                             | STBGDA<br>R 125   | R 125           | R 125           | R 125                 | R 125           | R 125           |
| BRUNSWICK<br>NEW HANOVER<br>PENDER | DIV             |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| NORTH 23RD STREET                  | U-6083          | US 74 (MARTIN LUTHER KING, JR. PARKWAY) TO NC 133 (CASTLE HAYNE ROAD). WIDEN.                          | 2.1               | 23000                           | T                                |   |                 |                 |                       |                 |                 |
| NEW HANOVER                        | DIV             |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| <b>FEASIBILITY STUDIES</b>         |                 |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| US 74/US 76<br>NEW HANOVER         | FS-1703A<br>REG | REPLACE BRIDGE 640012 OVER INTRACOASTAL WATERWAY.  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| US 421<br>(CAROLINA BEACH<br>ROAD) | FS-1003B<br>REG | SANDERS ROAD TO NC 132 (COLLEGE ROAD). WIDEN ROADWAY.  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| NEW HANOVER                        |                 |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| FEASIBILITY STUDY IN PROGRESS      |                 |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |
| FEASIBILITY STUDY IN PROGRESS      |                 |  |                   |                                 |                                  |   |                 |                 |                       |                 |                 |

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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY                                       | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       | UNFUNDED<br>FUTURE YEARS |         |         |         |
|--|--------------|---|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|--------------------------|---------|---------|---------|
|  |              |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |                          |         |         |         |
| BRIDGE PROJECTS  |              |   |                   | FY 2018                         | FY 2019                          | FY 2020   | FY 2021 | FY 2022 | FY 2023               | FY 2024                  | FY 2025 | FY 2026 | FY 2027 |
| SR 1100<br>(RIVER ROAD)<br>NEW HANOVER                     | B-5236       | REPLACE BRIDGE 640019 OVER LORDS CREEK.                                     | HF                | 1955                            | 1955                             |   |         |         |                       |                          |         |         |         |
| UNDER CONSTRUCTION   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| VARIOUS  | BD-5103      | DIVISION 3 PURCHASE ORDER CONTRACT  |                   | 16008                           | 16008                            |   |         |         |                       |                          |         |         |         |
| BRUNSWICK  | DIV          | BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.                          |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| DUPLIN   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| NEW HANOVER  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| ONSLAW   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| PENDER   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| SAMPSON  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC) |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| MITIGATION PROJECTS  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| VARIOUS  | EE-4903      | ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.           |                   | 5505                            | 5505                             |   |         |         |                       |                          |         |         |         |
| BRUNSWICK  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| DUPLIN   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| NEW HANOVER  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| ONSLAW   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| PENDER   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| SAMPSON  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| IN PROGRESS  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| <b>HIGHWAY SAFETY PROJECTS</b>                             |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| US 421<br>(CAROLINA BEACH<br>ROAD)                         | W-5103       | NORTH OF GEORGE ANDERSON ROAD TO SR 1100 (RIVER ROAD). SAFETY IMPROVEMENTS. |                   |                                 |                                  | 7960  | 7960    |         |                       |                          |         |         |         |
| NEW HANOVER  |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| REG A  |              | REG A   |                   | REG A                           |                                  | REG A   |         | REG A   |                       | REG A                    |         | REG A   |         |
| NC 133   | W-5306       | US 117/NC 132 (COLLEGE ROAD) IN CASTLE HAYNE. CONSTRUCT A ROUNDABOUT.       |                   |                                 |                                  | 2497  | 2497    |         |                       |                          |         |         |         |
| NEW HANOVER  | TRN          |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| UNDER CONSTRUCTION   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |
| UNDER CONSTRUCTION   |              |   |                   |                                 |                                  |   |         |         |                       |                          |         |         |         |

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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |  |         |                       |         |              |  |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|---|--|---------|-----------------------|---------|--------------|--|
|  |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |  |         | DEVELOPMENTAL PROGRAM |         |              |  |
|  |              |  |                   |                                 |                                  | FY 2023   | FY 2024  | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |  |
| <b>HIGHWAY SAFETY PROJECTS</b>                                   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| VARIOUS  | W-5703       | SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.                                      | 700               | HSP                             | R                                | 30  | DIV  |         |                       |         |              |  |
|  |              |  |                   | HSP                             | C                                | 180   | DIV  |         |                       |         |              |  |
|  |              |  |                   | HSP                             | R                                | 30  | RE   |         |                       |         |              |  |
|  |              |  |                   | HSP                             | C                                | 180   | RE   |         |                       |         |              |  |
|  |              |  |                   | HSP                             | R                                | 40  | SW   |         |                       |         |              |  |
|  |              |  |                   | HSP                             | C                                | 240   | SW   |         |                       |         |              |  |
| BRUNSWICK  |              | DIV SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.  |                   | DIV                             | DIV                              |   |  |         |                       |         |              |  |
| DUPLIN   |              | REG SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.  |                   | REG                             | REG                              |   |  |         |                       |         |              |  |
| NEW HANOVER  |              | SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.   |                   | SW                              | SW                               |   |  |         |                       |         |              |  |
| ONSLOW   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| PENDER   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| SAMPSON  |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| <br><b>IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| VARIOUS  | W-5203       | DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. | 17939             | 17939                           | 17939                            | DIV   | DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.     |         |                       |         |              |  |
| BRUNSWICK  |              |  |                   |                                 |                                  | REG   | REG DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS. |         |                       |         |              |  |
| DUPLIN   |              |  |                   |                                 |                                  | SW  | SW DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.  |         |                       |         |              |  |
| NEW HANOVER  |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| ONSLOW   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| PENDER   |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| SAMPSON  |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |
| <br><b>DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS</b> |              |  |                   |                                 |                                  |   |  |         |                       |         |              |  |

|                              |                          |
|------------------------------|--------------------------|
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY               | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL PRIORITY<br>PROJ COST<br>(THOU) FUNDS |         | PRIOR<br>YEARS<br>COST<br>(THOU) FUNDS |         | STATE TRANSPORTATION PROGRAM |         | DEVELOPMENTAL PROGRAM |         | <b>UNFUNDED<br/>FUTURE YEARS</b> |
|------------------------------------|--------------|---|-------------------|---|---------|--|---------|------------------------------|---------|-----------------------|---------|----------------------------------|
|                                    |              |   |                   | FY 2018                                     | FY 2019 | FY 2020                                | FY 2021 | FY 2022                      | FY 2023 | FY 2024               | FY 2025 |                                  |
| <b>ENHANCEMENT (CALL PROJECTS)</b> |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| VARIOUS                            | E-5501       | FREEDOM ROADS, INSTALL INTERACTIVE<br>WAYSIDE SIGNAGE FOR DESIGNATED SITES. | 24                | 24  |         |  |         |                              |         |                       |         |                                  |
| ALAMANCE                           | TRN          |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| BEAUFORT                           |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| BRUNSWICK                          |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| BUNCOMBE                           |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| CAMDEN                             |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| CHOWAN                             |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| CRAVEN                             |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| DARE                               |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| DURHAM                             |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| EDGECOMBE                          |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| GUILFORD                           |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| HALIFAX                            |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| LENOIR                             |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| PASQUOTANK                         |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| WASHINGTON                         |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |
| WAYNE                              |              |   |                   |   |         |  |         |                              |         |                       |         |                                  |

UNDER CONSTRUCTION

|                              |                          |
|------------------------------|--------------------------|
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY      | ID<br>NUMBER | LOCATION / DESCRIPTION             | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU)<br>FUND\$ | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |
|---------------------------|--------------|------------------------------------|-------------------|---|---|---------|---------|-----------------------|---------|--------------|
|                           |              |                                    |                   |   | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |
|                           |              |                                    |                   |   | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |
| <b>AVIATION PROJECTS</b>  |              |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5796      | INCREASE WIDTH OF ALL TAXWAYS.     |                   | 500                                       | T   |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5730      | EXTEND RUNWAY 6-24 PHASE 1         |                   | 5000                                      | T   | C       | 500     |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   | 0   | C       | 4500    |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5797      | VARIOUS IMPROVEMENTS.              |                   | 500                                       | T   |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5704      | UPGRADE AIRFIELD LIGHTING VAULT.   |                   | 2400                                      | 2400  |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5702      | REHABILITATE GA APRON NORTH.       |                   | 3500                                      | 3500  |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| <b>UNDER CONSTRUCTION</b> |              |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5713      | PIPE DITCHES IN FBO #2 AREA.       |                   | 1500                                      | 1500  |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| <b>UNDER CONSTRUCTION</b> |              |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5799      | WIDEN NORTH-SOUTH TAXWAY SYSTEM.   |                   | 500                                       | T   |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5801      | EXPANSION OF AIR CARRIER APRON.    |                   | 500                                       | T   |         |         |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |
| WILMINGTON                | AV-5795      | EXPAND THE GENERAL AVIATION APRON. |                   | 500                                       | T   | C       | 500     |                       |         |              |
| INTERNATIONAL (ILM)       |              |                                    |                   |   |   |         |         |                       |         |              |
| NEW HANOVER               | SW           |                                    |                   |   |   |         |         |                       |         |              |

|                              |                          |
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| DIV - Division Category      | EX - Exempt Category     |
| HF - State Dollars (Non STI) | REG - Regional Category  |
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY  | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |  |
|---|--------------|--|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|--|
|   |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |  |
|   |              |  |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |  |
| <b>AVIATION PROJECTS</b>  |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| WILMINGTON  | AV-5798      | TAXIWAY IMPROVEMENTS.  |                   | 500                             |                                  | [ ]   | [ ]     | [ ]     | [ ]                   | [ ]     | C 500        |  |
| INTERNATIONAL (ILM)   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| NEW HANOVER   | SW           |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| <b>BICYCLE AND PEDESTRIAN PROJECTS</b>  |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| SR 219<br>(SOUTH 17TH<br>STREET)  | EB-5600      | HOSPITAL PLAZA TO INDEPENDENCE<br>BOULEVARD. CONSTRUCT MULTI-USE PATH.   | 1.7               | 1040                            | 107                              | STP/E/B<br>[ ]  | [ ]     | [ ]     | C 746                 |         |              |  |
| NEW HANOVER   | DIV          |  |                   |                                 |                                  |   |         |         | C 187                 |         |              |  |
| <br><b>PLANNING, DESIGN, RIGHT OF WAY, AND CONSTRUCTION BY CITY OF WILMINGTON</b>                         |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| SR 1403<br>(MIDDLE SOUND<br>LOOP ROAD)  | EB-5543      | OGDEN ELEMENTARY SCHOOL TO SR 1986<br>(OYSTER DRIVE). CONSTRUCT MULTI-USE<br>PATH.   |                   | 230                             | 230                              |   |         |         |                       |         |              |  |
| NEW HANOVER   | TRN          |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| <br><b>UNDER CONSTRUCTION</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| VARIOUS   | U-5527       | WILMINGTON URBAN AREA MPO<br>TRANSPORTATION ALTERNATIVES<br>PROGRAM.   |                   | 2552                            | 304                              | TAP/D/A<br>[ ]  | R 25    | R 25    | R 25                  | R 25    | R 25         |  |
| BRUNSWICK   |              |  |                   |                                 |                                  |   | R 6     | R 6     | R 6                   | R 6     | R 6          |  |
| NEW HANOVER   | DIV          |  |                   |                                 |                                  |   | C 200   | C 200   | C 200                 | C 200   | C 200        |  |
| PENDER  |              |  |                   |                                 |                                  |   | C 50    | C 50    | C 50                  | C 50    | C 50         |  |
| <br><b>IN PROGRESS</b>  |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| GARY SHELL<br>CROSS-CITY TRAIL  | EB-5544      | WILMINGTON. CONSTRUCT BICYCLE AND<br>PEDESTRIAN ACCOMMODATIONS ON SOUTH<br>17TH STREET, WALTMOOR ROAD, AND<br>BETHEL ROAD. |                   | 1338                            | 1338                             |   |         |         |                       |         |              |  |
| NEW HANOVER   | TRN          |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| NEW HANOVER   | DIV          |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| <br><b>UNDER CONSTRUCTION - OTHER FUNDING - \$525 FROM BLUE CROSS BLUE SHIELD, \$75 FROM STATE FUNDS.</b> |              |  |                   |                                 |                                  |   |         |         |                       |         |              |  |
| PEACHTREE AVENUE  | EB-5719      | PARK AVENUE TO MCMILLAN AVENUE.<br>CONSTRUCT BICYCLE LANE.   | 0.4               | 209                             |                                  | TAP<br>[ ]  |         |         | PE 18                 |         |              |  |
|   |              |  |                   |                                 |                                  |   |         |         | PE 4                  |         |              |  |
|   |              |  |                   |                                 |                                  |   |         |         | C 150                 |         |              |  |
|   |              |  |                   |                                 |                                  |   |         |         | C 37                  |         |              |  |
|   |              |  |                   |                                 |                                  |   |         |         | C 37                  |         |              |  |

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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| FERRY PROJECTS | ROUTE/CITY COUNTY  | ID NUMBER     | LOCATION / DESCRIPTION   | LENGTH (Miles) | TOTAL PROJ COST (THOU) | PRIOR YEARS COST (THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |         | UNFUNDED FUTURE YEARS |  |
|----------------|--|---------------|--|----------------|------------------------|-------------------------|---|---------|---------|---------|-----------------------|--|
|                |  |               |  |                |                        |                         | STATE TRANSPORTATION PROGRAM                                |         |         |         |                       |  |
|                |  |               |  |                |                        |                         | FY 2023   | FY 2024 | FY 2025 | FY 2027 |                       |  |
| VARIOUS        | BRUNSWICK<br>CARTERET<br>NEW HANOVER   | F-5301<br>TRN | CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS, REPLACE DOLPHINS. | 980            | 980                    | 980                     |   |         |         |         |                       |  |
| VARIOUS        | BEAUFORT<br>BERTIE<br>BRUNSWICK<br>CAMDEN<br>CARTERET<br>CHOWAN<br>CRAYEN<br>CURRITUCK<br>DARE<br>DUPLIN<br>GATES<br>GREENE<br>HERTFORD<br>HYDE<br>JONES<br>LENOIR<br>MARTIN<br>NEW HANOVER<br>NORTHAMPTON<br>ONSLOW<br>PAMLICO<br>PASQUOTANK<br>PENDER<br>PERQUIMANS<br>PITT<br>SAMPSION<br>TYRRELL<br>WASHINGTON | F-5703<br>DIV | REPLACEMENT VESSEL (SUPPORT FLEET)<br>FOR TUGS AND BARGES        | 10745          | 10745                  | 10745                   | I   |         |         | C 10745 |                       |  |

|                              |                          |
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|
|  |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |
|  |              |  |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>                          |              |  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TD-5296      | BUS STOP AMENITIES ROUTE 205.  |                   | 166                             |                                  | FED/T<br>L<br>T   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | REG          |  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TD-5298      | BUS STOP AMENITIES ROUTE 101.  |                   | 196                             |                                  | FED/T<br>L<br>T   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | REG          |  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>BRUNSWICK   | TD-5290      | BUS STOP SHELTER AMENITIES ROUTE 106.  |                   | 76                              |                                  | FED/T<br>L<br>T   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>BRUNSWICK   | REG          |  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TD-5291      | BUS STOP SHELTER AMENITIES ROUTE 204.  |                   | 136                             |                                  | FED/T<br>L<br>T   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | REG          |  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TG-4792      | BUS STOP SHELTER AMENITIES.  |                   | 136                             |                                  | FED/T<br>L<br>T   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | DIV          | ROUTINE CAPITAL - BUS STOP SHELTERS,<br>BENCHES, SHOP EQUIPMENT, SPARE<br>PARTS, ENGINES, FAREBOX, SERVICE<br>VEHICLES, ETC. |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TG-5243      | PREVENTATIVE MAINTENANCE.  |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | DIV          | IN PROGRESS  |                   |                                 |                                  |   |         |         |                       |         |              |
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**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION          | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |     |
|--|--------------|---------------------------------|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|-----|
|  |              |                                 |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |     |
|  |              |                                 |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |     |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>                          |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TG-5246      | ADA COMPLEMENTARY PARA TRANSIT. |                   | 993                             | 993                              |   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-5184      | REPLACEMENT UNDER 30' LTV       |                   | 100                             | 100                              | L   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  | STBGDA  |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-5221      | REPLACEMENT LTV                 |                   | 226                             | 226                              | S   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-5222      | REPLACEMENT LTV                 |                   | 1873                            | 625                              | FBUS  | CP      | 260     | CP                    | 260     | CP           | 260 |
|  |              |                                 |                   |                                 |                                  | L   | CP      | 26      | CP                    | 26      | CP           | 26  |
|  |              |                                 |                   |                                 |                                  | S   | CP      | 26      | CP                    | 26      | CP           | 26  |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-5223      | REPLACEMENT BUS                 |                   | 6070                            | FBUS                             | CP  | 1128    | CP      | 1140                  | CP      | 2588         |     |
|  |              |                                 |                   |                                 | L                                | CP  | 141     | CP      | 143                   | CP      | 323          |     |
|  |              |                                 |                   |                                 | S                                | CP  | 141     | CP      | 143                   | CP      | 323          |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-6552      | CAPITAL - REPLACEMENT VEHICLE   |                   | 460                             | 460                              | ENF   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY<br>NEW HANOVER | TA-6516      | CAPITAL                         |                   | 771                             | 771                              | FNU   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |
|  |              |                                 |                   |                                 |                                  |   |         |         |                       |         |              |     |

|                              |                          |
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**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY                            | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |
|---|--------------|---|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|
|   |              |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |
|   |              |   |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>           |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TA-5224      | REPLACEMENT TROLLEY   |                   | 700                             |                                  | FBUS  |         |         |                       |         |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TA-5171      | PURCHASE REPLACEMENT BUSES  |                   | 2802                            | 1861                             | FUZ   | L       | CP      | 103                   |         |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  | S   | STBDA   | CP      | 94                    |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TD-4721      | INTERMODAL FACILITY - LAND, PLANNING,<br>DESIGN, AND CONSTRUCTION |                   | 478                             | 478                              | JARC  | L       |         |                       |         |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TG-5244      | PREVENTIVE MAINTENANCE  |                   | 1256                            | 1256                             | FBUS  | L       |         |                       |         |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  | S   |         |         |                       |         |              |
| FUND AUTHORIZED IN PROGRESS                     |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TG-6186      | REPLACE TRANSIT SYSTEM RADIOS                                     |                   | 100                             | 100                              | FBUS  | L       |         |                       |         |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  | S   |         |         |                       |         |              |
| FUND AUTHORIZED IN PROGRESS                     |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TG-5245      | PREVENTIVE MAINTENANCE  |                   | 3354                            | 1608                             | FUZ   | CP      | 854     | CP                    | 251     |              |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  | CP  | 264     | CP      | 63                    | CP      | 63           |

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |
|--|--------------|---|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|
|  |              |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |
|  |              |   |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TK-6176      | ADMINISTRATION  |                   | 2863                            | 1555                             | FNU   | 0       | 218     | 0                     | 218     | 0            |
| NEW HANOVER  | HF           |   |                   |                                 | FNU                              |   |         |         |                       |         |              |
|  |              |   |                   |                                 | L                                |   |         |         |                       |         |              |
|  |              |   |                   |                                 | S                                |   |         |         |                       |         |              |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TN-6137      | OPERATING ASSISTANCE  |                   | 636                             | 636                              | JARC  |         |         |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 | L                                |   |         |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TN-5135      | DESIGN, ENGINEER, AND INSTALL 8 BUS<br>STOP SHELTERS                                    |                   | 116                             | 116                              | FNF   |         |         |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 | L                                |   |         |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TN-6121      | OPERATING   |                   | 738                             | 738                              | FNF   |         |         |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 | L                                |   |         |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TN-6108      | OPERATING ASSISTANCE - NEW FREEDOM  |                   | 1872                            | 1514                             | FNF   | 0       | 179     |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 | L                                | 0   | 179     |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TO-6141      | OPERATING ASSISTANCE FOR FIXED ROUTE<br>SERVING CAROLINA/KURE BEACHES                   |                   | 150                             | 150                              | L   | STBGDA  |         |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 |                                  |   |         |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TO-5210      | OPERATING ASSISTANCE FOR EXPRESS<br>FIXED ROUTE SERVING FORDEN AND<br>DOWNTOWN STATIONS |                   | 368                             | 44164                            | FUZ   | 0       | 184     |                       |         |              |
| NEW HANOVER  | HF           |   |                   |                                 | L                                | 0   | 184     |         |                       |         |              |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TO-4751      | OPERATING ASSISTANCE  |                   | 78562                           | 0                                | 2129  | 0       | 2129    | 0                     | 2129    | 0            |
| NEW HANOVER  | HF           |   |                   |                                 | FNU                              |   |         |         |                       |         |              |
|  |              |   |                   |                                 | L                                |   |         |         |                       |         |              |
|  |              |   |                   |                                 | S                                |   |         |         |                       |         |              |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  |              |   |                   |                                 | 0                                | 2759  | 0       | 2759    | 0                     | 2759    | 0            |
| NEW HANOVER  |              |   |                   |                                 | 845                              | 0   | 845     | 0       | 845                   | 0       | 845          |
|  |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| <b>COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO<br/>SIGNIFICANT CHANGES AS MORE INFORMATION BECOMES AVAILABLE</b> |              |   |                   |                                 |                                  |   |         |         |                       |         |              |
| DIV - Division Category  | EX           | - Exempt Category   |                   |                                 |                                  |   |         |         |                       |         |              |
| HF - State Dollars (Non STI)   | REG          | - Regional Category   |                   |                                 |                                  |   |         |         |                       |         |              |
| SW - Statewide Category  | TRN          | - Transition Project  |                   |                                 |                                  |   |         |         |                       |         |              |

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER             | LOCATION / DESCRIPTION                           | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | STATE TRANSPORTATION PROGRAM |                |                | DEVELOPMENTAL PROGRAM |                |                       | UNFUNDED<br>FUTURE YEARS |
|--|--------------------------|--|-------------------|---------------------------------|----------------------------------|------------------------------|----------------|----------------|-----------------------|----------------|-----------------------|--------------------------|
|  |                          |  |                   |                                 |                                  | FUNDS                        | FY 2018        | FY 2019        | FY 2020               | FY 2021        | FY 2022               |                          |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TP-5111                  | PLANNING ASSISTANCE - 5303                       |                   | 4408                            | 1936                             | FMPL<br>L<br>S               | PL<br>14<br>14 | PL<br>14<br>14 | PL<br>14<br>14        | PL<br>14<br>14 | PL<br>384<br>14<br>14 |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TP-5110                  | PLANNING ASSISTANCE - SHORT RANGE<br>DEVELOPMENT |                   | 300                             | 200                              | FUZ<br>L<br>S                |                |                | CP<br>80              |                |                       |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                |                | CP<br>10              |                |                       |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                | CP<br>10              |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TP-5125                  | PLANNING SRTP                                    |                   | 150                             | 150                              | FUZ<br>L<br>S                |                |                |                       |                |                       |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TQ-6157                  | OPERATING ASSISTANCE - PURCHASE OF<br>SERVICE    |                   | 250                             | 250                              | FEPD<br>L<br>S               |                |                |                       |                |                       |                          |
| ONSLOW   | HF                       |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TQ-6513                  | OPERATING ASSISTANCE                             |                   | 1190                            | 680                              | FEPD<br>L<br>0               | 0              | 85             | 0                     | 85             | 0                     |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                | 0              | 85                    | 0              | 85                    |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TO-9035                  | 5310 CAPITAL PROJECT - SERVICE VEHICLE           |                   | 20                              | 20                               | FEPD<br>L                    |                |                |                       |                |                       |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY  | TO-9036                  | 5310 CAPITAL PROJECT - REVENUE VEHICLE           |                   | 117                             | 117                              | FEPD<br>L                    |                |                |                       |                |                       |                          |
| NEW HANOVER  | HF                       |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
|  |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| <b>COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO<br/>SIGNIFICANT CHANGES AS MORE INFORMATION BECOMES AVAILABLE</b> |                          |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| DIV - Division Category  | EX - Exempt Category     |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| HF - State Dollars (Non STI)   | REG - Regional Category  |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |
| SW - Statewide Category  | TRN - Transition Project |  |                   |                                 |                                  |                              |                |                |                       |                |                       |                          |

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY                            | ID<br>NUMBER | LOCATION / DESCRIPTION                                      | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |          |          |                       |          |                          |  |  |  |  |  |
|---|--------------|---|-------------------|---------------------------------|----------------------------------|---|----------|----------|-----------------------|----------|--------------------------|--|--|--|--|--|
|   |              |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |          |          | DEVELOPMENTAL PROGRAM |          |                          |  |  |  |  |  |
|   |              |   |                   |                                 |                                  | FY 2023   | FY 2024  | FY 2025  | FY 2026               | FY 2027  | UNFUNDED<br>FUTURE YEARS |  |  |  |  |  |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>           |              |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TO-8019      | MOBILITY MANAGER  |                   | 306                             | 153                              | FEPPD<br>L  | CP<br>CP | 41<br>10 | CP<br>CP              | 41<br>10 | CP<br>CP                 |  |  |  |  |  |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>             |              |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TS-9011      | CAPITAL - PURCHASE OF SERVICE                               |                   | 176                             | 176                              | FEPPD<br>L  | CP<br>CP | 41<br>10 | CP<br>CP              | 41<br>10 | CP<br>CP                 |  |  |  |  |  |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>             |              |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| CAPE FEAR PUBLIC<br>TRANSPORTATION<br>AUTHORITY | TS-5103      | SAFETY & SECURITY - MIN. 1% SET ASIDE                       |                   | 326                             | 182                              | FUZ<br>L  | CP<br>CP | 22<br>2  | CP<br>CP              | 22<br>2  | CP<br>CP                 |  |  |  |  |  |
| NEW HANOVER                                     | HF           |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>             |              |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |
| WAVE TRANSIT                                    | TG-6177      | ROUTE 201 IN WILMINGTON. UPGRADE<br>AMENITIES AT BUS STOPS. |                   | 66                              | 66                               | FUZ<br>T  | CP<br>CP | 22<br>2  | CP<br>CP              | 22<br>2  | CP<br>CP                 |  |  |  |  |  |
| NEW HANOVER                                     | REG          |   |                   |                                 |                                  |   |          |          |                       |          |                          |  |  |  |  |  |

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

**STATEWIDE PROJECTS**      **HIGHWAY PROGRAM**

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

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

**STATEWIDE PROJECTS**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PRO<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |   |                  |                       |                  |                  |                     |  |
|--|--------------|---|-------------------|--------------------------------|----------------------------------|---|---|------------------|-----------------------|------------------|------------------|---------------------|--|
|  |              |   |                   |                                |                                  | STATE TRANSPORTATION PROGRAM                                |   |                  | DEVELOPMENTAL PROGRAM |                  |                  |                     |  |
|  |              |   |                   |                                |                                  | FY 2023   | FY 2024   | FY 2025          | FY 2026               | FY 2027          | FUTURE YEARS     |                     |  |
| <b>RURAL PROJECTS</b>  |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| VARIOUS  | M-0521       | TRANSPORTATION PLANNING BRANCH,<br>TRAFFIC FORECASTING FOR<br>MISCELLANEOUS PROJECTS.   | 600               | 300                            | 100                              | DIV<br>T<br>PE<br>100                                       | DIV<br>RE<br>SW   | DIV<br>PE        | DIV<br>PE             | DIV<br>PE        | DIV<br>PE        | UNFUNDED            |  |
| STATEWIDE  |              |   |                   |                                |                                  | DIV<br>REG<br>SW  | DIV<br>TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.<br>REG TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.<br>SW TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER. |                  |                       |                  |                  |                     |  |
| <b>IN PROGRESS</b>   |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| VARIOUS  | M-0376       | STATEWIDE GEOTECHNICAL STUDIES AND<br>INVESTIGATIONS PROJECT TO COVER NON-<br>PROJECT SPECIFIC WORK.  | 21257             | 12167                          | 12167                            | DIV<br>T<br>PE<br>360                                       | DIV<br>RE<br>SW<br>PE   | DIV<br>PE<br>360 | DIV<br>PE<br>360      | DIV<br>PE<br>360 | DIV<br>PE<br>360 | DIV<br>PE<br>360    |  |
| STATEWIDE  |              |   |                   |                                |                                  | DIV<br>REG<br>SW  | STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.<br>REG STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.<br>SW STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.                              |                  |                       |                  |                  |                     |  |
| <b>IN PROGRESS</b>   |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| VARIOUS  | M-0360       | DESIGN SERVICES, PRELIMINARY<br>ENGINEERING FOR MISCELLANEOUS<br>PROJECTS.  | 23328             | 13328                          | 13328                            | DIV<br>T<br>PE<br>400                                       | DIV<br>RE<br>SW<br>PE   | DIV<br>PE<br>400 | DIV<br>PE<br>400      | DIV<br>PE<br>400 | DIV<br>PE<br>400 | DIV<br>PE<br>400    |  |
| STATEWIDE  |              |   |                   |                                |                                  | DIV<br>REG<br>SW  | DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.<br>REG DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.<br>SW DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.   |                  |                       |                  |                  |                     |  |
| <b>IN PROGRESS</b>   |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| VARIOUS  | R-4067       | POSITIVE GUIDANCE PROGRAM (PAVEMENT<br>MARKINGS AND MARKERS, LED SIGNAL<br>HEAD REPLACEMENT).   |                   | 89398                          | 89398                            | IN PROGRESS   |   |                  |                       |                  |                  |                     |  |
| STATEWIDE  |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  | PROGRAM IN PROGRESS |  |
| <b>IN PROGRESS</b>   |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| VARIOUS  | R-5753       | FEDERAL LANDS TRANSPORTATION<br>PROGRAM (F.L.T.P.), ROAD AND BRIDGE<br>IMPROVEMENTS TO BE CONSTRUCTED ON<br>TRANSPORTATION FACILITIES THAT ARE<br>OWNED BY THE FEDERAL GOVERNMENT<br>THAT PROVIDE ACCESS TO FEDERAL<br>LANDS. |                   | 265523                         | 265523                           | IN PROGRESS   |   |                  |                       |                  |                  |                     |  |
| STATEWIDE  | EX           |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| <b>PROGRAM IN PROGRESS</b>   |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |
| <b>DIV - Division Category</b> <b>EX</b> - Exempt Category<br><b>HF - State Dollars (Non STI)</b> <b>REG</b> - Regional Category<br><b>SW - Statewide Category</b> <b>TRN</b> - Transition Project |              |   |                   |                                |                                  |   |   |                  |                       |                  |                  |                     |  |

**STATEWIDE PROJECTS**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY  | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | FUND\$ | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |         |
|-----------------------|--------------|---|-------------------|---------------------------------|----------------------------------|--------|---|---------|---------|-----------------------|---------|---------|
|                       |              |   |                   |                                 |                                  |        | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |         |
|                       |              |   |                   |                                 |                                  |        | FY 2018   | FY 2019 | FY 2020 | FY 2021               | FY 2022 | FY 2023 |
| <b>RURAL PROJECTS</b> |              |   |                   |                                 |                                  |        |   |         |         |                       |         |         |
| VARIOUS               | R-4073       | ASPHALT MATERIALS CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.  | 20305             | 20305                           |                                  |        |   |         |         |                       |         |         |
| VARIOUS               | R-4049       | TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).   | 158759            | 158759                          |                                  |        |   |         |         |                       |         |         |
| <b>STATEWIDE</b>      |              |   |                   |                                 |                                  |        |   |         |         |                       |         |         |
| VARIOUS               | R-4436       | NPDES PERMIT RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.   | 67523             | 37523                           | STBGS                            | C      | 900 DIV   | C       | 900 DIV | C                     | 900 DIV | C       |
| STATEWIDE             |              |   |                   |                                 | STBGS                            | C      | 900 RE  | C       | 900 RE  | C                     | 900 RE  | C       |
| VARIOUS               | R-9999MM     | ENVIRONMENTAL MITIGATION AND MINIMIZATION.  | 82759             | 72759                           | NHP                              | M      | 150 DIV   | M       | 150 DIV | M                     | 150 DIV | M       |
| STATEWIDE             |              |   |                   |                                 | NHP                              | M      | 150 RE  | M       | 150 RE  | M                     | 150 RE  | M       |
| VARIOUS               | M-0505       | TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPNU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS. | 3300              | 300                             | T                                | PE     | 300   | PE      | 300     | PE                    | 300     | PE      |
| FEASIBILITY STUDIES   | M-0452       | TOLLING/FINANCIAL FEASIBILITY STUDIES.  | 3064              | 1064                            | T                                | PE     | 200   | PE      | 200     | PE                    | 200     | PE      |
| STATEWIDE             | SW           |   |                   |                                 |                                  |        |   |         |         |                       |         |         |

DIV - Division Category EX - Exempt Category  
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**STATEWIDE PROJECTS**  
**HIGHWAY PROGRAM**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | STATE TRANSPORTATION PROGRAM |         |         | DEVELOPMENTAL PROGRAM |         |         | UNFUNDED<br>FUTURE YEARS |
|------------------------|--------------|---|-------------------|---------------------------------|----------------------------------|------------------------------|---------|---------|-----------------------|---------|---------|--------------------------|
|                        |              |   |                   |                                 |                                  | FUND\$                       | FY 2018 | FY 2019 | FY 2020               | FY 2021 | FY 2022 |                          |
| <b>BRIDGE PROJECTS</b> |              |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | B-9999       | BRIDGE INSPECTION PROGRAM.  |                   | 339692                          | 229692                           | STBG                         | 1       | 3300    | DIV                   | 1       | 3300    | DIV                      |
| STATEWIDE              |              |   |                   |                                 |                                  | STBG                         | 1       | 3300    | RE                    | 1       | 3300    | RE                       |
| VARIOUS                | BK-5102      | BRIDGE PAINTING AT 19 SELECTED LOCATIONS.   |                   | 2027                            | 2027                             | IN PROGRESS                  |         |         |                       |         |         |                          |
| STATEWIDE              | DIV          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | BK-5132      | IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.                                       |                   | 1000                            | 1000                             | IN PROGRESS                  |         |         |                       |         |         |                          |
| STATEWIDE              | REG          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | BK-5131      | BRIDGE PRESERVATION AT SELECTED LOCATIONS.  |                   | 1500                            | 1500                             | UNDER CONSTRUCTION           |         |         |                       |         |         |                          |
| STATEWIDE              | DIV          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | BK-5101      | DECK PRESERVATION AT 15 SELECTED LOCATIONS.   |                   | 7747                            | 7747                             | IN PROGRESS                  |         |         |                       |         |         |                          |
| STATEWIDE              | DIV          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | BK-5100      | ESTABLISH BRIDGE MANAGEMENT SYSTEM.   |                   | 5000                            | 5000                             | UNDER CONSTRUCTION           |         |         |                       |         |         |                          |
| STATEWIDE              | DIV          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |
| VARIOUS                | BP-5500      | BRIDGE PRESERVATION ISSUES AT SELECTED SITES.   |                   | 23151                           | 23151                            | DIV                          | DIV     | DIV     | DIV                   | DIV     | DIV     |                          |
| STATEWIDE              |              |   |                   |                                 |                                  | REG                          | REG     | REG     | REG                   | REG     | REG     |                          |
| VARIOUS                | M-0418       | STORM WATER RUNOFF, RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18) |                   | 5860                            | 5860                             | UNDER CONSTRUCTION           |         |         |                       |         |         |                          |
| STATEWIDE              | DIV          |   |                   |                                 |                                  |                              |         |         |                       |         |         |                          |

|                              |                          |
|------------------------------|--------------------------|
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# STATEWIDE PROJECTS

## HIGHWAY PROGRAM

| ROUTE/CITY<br>COUNTY  | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | FUND\$ | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |          |                       |          |         |          |
|---|--------------|--|-------------------|---------------------------------|----------------------------------|--------|---|---------|----------|-----------------------|----------|---------|----------|
|   |              |  |                   |                                 |                                  |        | STATE TRANSPORTATION PROGRAM                                |         |          | DEVELOPMENTAL PROGRAM |          |         |          |
|   |              |  |                   |                                 |                                  |        | FY 2018   | FY 2019 | FY 2020  | FY 2021               | FY 2022  | FY 2023 |          |
| <b>BRIDGE PROJECTS</b>  |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| VARIOUS   | M-0379       | SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.  | 3100              | 3100                            |                                  |        |   |         |          |                       |          |         |          |
| STATEWIDE   | DIV          |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| <b>HIGHWAY SAFETY PROJECTS</b>  |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| VARIOUS   | W-9999       | HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.  | 223850            | 223850                          |                                  |        |   |         |          |                       |          |         |          |
| STATEWIDE   |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| IN PROGRESS   |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| VARIOUS   | W-5300       | SIGNAL RETIMING TO IMPROVE SAFETY.   | 6608              | 6608                            |                                  |        |   |         |          |                       |          |         |          |
| STATEWIDE   |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY.<br>REG REG SIGNAL RETIMING TO IMPROVE SAFETY.<br>SW SW SIGNAL RETIMING TO IMPROVE SAFETY.  |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| <b>IN PROGRESS</b>  |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| VARIOUS   | W-5577       | SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. | 71601             | 16601                           | HSIP                             | PE     | 1650 DIV  | PE      | 1650 DIV | PE                    | 1650 DIV | PE      | 1650 DIV |
| STATEWIDE   |              |  |                   |                                 | HSIP                             | PE     | 1650 RE   | PE      | 1650 RE  | PE                    | 1650 RE  | PE      | 1650 RE  |
| DIV DIV SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.<br>REG REG SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.<br>SW SW SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.  |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |
| VARIOUS   | W-5601       | RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.        | 180736            | 82736                           | HSIP                             | R      | 420 DIV   | R       | 420 DIV  | R                     | 420 DIV  | R       | 420 DIV  |
| STATEWIDE   |              |  |                   |                                 | HSIP                             | C      | 2520 DIV  | C       | 2520 DIV | C                     | 2520 DIV | C       | 2520 DIV |
| DIV DIV RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.<br>REG REG RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.<br>SW SW RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATEWIDE CATEGORY. |              |  |                   |                                 |                                  |        |   |         |          |                       |          |         |          |

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## STATEWIDE PROJECTS

## HIGHWAY PROGRAM

| TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS  |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|------------------------------|-----------|-----------|-----------|--------------------------|--|
| ROUTE/CITY<br>COUNTRY  | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | STATE TRANSPORTATION PROGRAM |           |           |           | UNFUNDED<br>FUTURE YEARS |  |
|  |              |  |                   |                                 |                                  | FY 2018                      | FY 2019   | FY 2020   | FY 2021   |                          |  |
| <b>HIGHWAY SAFETY PROJECTS</b>   |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
| VARIOUS  | W-5700       | SIGNAL RETIMING TO IMPROVE SAFETY.   | 17000             | 2000                            | HSIP                             | C 450 DIV                    | C 450 DIV | C 450 DIV | C 450 DIV | C 450 DIV                |  |
| VARIOUS  |              |  |                   |                                 | HSIP                             | C 450 RE                     | C 450 RE  | C 450 RE  | C 450 RE  | C 450 RE                 |  |
| VARIOUS  |              |  |                   |                                 | HSIP                             | C 600 SW                     | C 600 SW  | C 600 SW  | C 600 SW  | C 600 SW                 |  |
| STATEWIDE  |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
| DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY.<br>REG REG SIGNAL RETIMING TO IMPROVE SAFETY.<br>SW SW SIGNAL RETIMING TO IMPROVE SAFETY. |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
| IN PROGRESS  |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
| VARIOUS  | W-5508       | HIGHWAY SYSTEM DATA COLLECTION.<br>TRAFFIC ENGINEERING BRANCH TO<br>PARTICIPATE IN A THREE YEAR DATA<br>COLLECTION PROGRAM.                      | 1500              | 1500                            |                                  |                              |           |           |           |                          |  |
| <b>CONGESTION MITIGATION PROJECTS</b>  |              |  |                   |                                 |                                  |                              |           |           |           |                          |  |
| VARIOUS  | C-5601       | CMAQ PROJECTS TO IMPROVE AIR QUALITY<br>ACROSS MULTIPLE NONATTAINMENT AND<br>MAINTENANCE AREAS.  | 5922              | 5922                            | CMAQ                             | PE 235                       | PE 239    | PE 239    | PE 239    |                          |  |
| VARIOUS  |              |  |                   |                                 | CMAG                             | R 235                        | R 239     | R 239     | R 239     |                          |  |
| VARIOUS  |              |  |                   |                                 | L                                | R 59                         | R 60      | R 60      | R 60      |                          |  |
| VARIOUS  |              |  |                   |                                 | CMAQ                             | C 1407                       | C 1433    | C 1433    | C 1433    |                          |  |
| VARIOUS  |              |  |                   |                                 | L                                | C 252                        | C 258     | C 258     | C 258     |                          |  |
| VARIOUS  |              |  |                   |                                 | CMAQ                             | O 235                        | O 239     | O 239     | O 239     |                          |  |
| VARIOUS  |              |  |                   |                                 | L                                | O 59                         | O 60      | O 60      | O 60      |                          |  |
| VARIOUS  |              |  |                   |                                 | CMAQ                             | I 235                        | I 239     | I 239     | I 239     |                          |  |
| STATEWIDE  | EX           |  |                   |                                 | L                                | I 59                         | I 60      | I 60      | I 60      |                          |  |
| VARIOUS  | C-3600       | DEPARTMENT OF MOTOR VEHICLES (DMV),<br>VEHICLE EMISSION COMPLIANCE SYSTEM,<br>UPGRADE NORTH CAROLINA'S MOTOR<br>VEHICLE EMISSIONS INSPECTION AND | 6702              | 6702                            |                                  |                              |           |           |           |                          |  |
| STATEWIDE  | EX           |  |                   |                                 |                                  |                              |           |           |           |                          |  |

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

**STATEWIDE PROJECTS**  
**HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY  | ID<br>NUMBER | LOCATION / DESCRIPTION  | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |   |            |                       |            |              |  |
|---|--------------|---|-------------------|---------------------------------|----------------------------------|---|---|------------|-----------------------|------------|--------------|--|
|   |              |   |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |   |            | DEVELOPMENTAL PROGRAM |            |              |  |
|   |              |   |                   |                                 |                                  | FY 2023   | FY 2024   | FY 2025    | FY 2026               | FY 2027    | FUTURE YEARS |  |
| <b>CONGESTION MITIGATION PROJECTS</b>                         |              |   |                   |                                 |                                  |   |   |            |                       |            |              |  |
| VARIOUS   | C-5600       | STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.  |                   | 60260                           | 18379                            | CMAQ<br>S/M   | PE<br>408   | PE<br>416  | PE<br>1664            |            |              |  |
|   |              |   |                   |                                 |                                  | CMAQ<br>S/M   | R<br>1634   | R<br>408   | R<br>416              | 1664       |              |  |
|   |              |   |                   |                                 |                                  | CMAQ<br>S/M   | C<br>9803   | C<br>2451  | C<br>2496             |            |              |  |
|   |              |   |                   |                                 |                                  | CMAQ<br>S/M   | O<br>1634   | O<br>408   | O<br>416              | 1664       |              |  |
|   |              |   |                   |                                 |                                  | CMAQ<br>S/M   | I<br>1634   | I<br>408   | I<br>416              | 1664       |              |  |
|   |              |   |                   |                                 |                                  | S/M   | I<br>327  | I<br>333   |                       |            |              |  |
| STATEWIDE   | EX           |   |                   |                                 |                                  |   |   |            |                       |            |              |  |
| VARIOUS   | 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.                 |                   | 4869                            | 2994                             | CMAQ<br>L   | OT<br>375   | C<br>1500  | C<br>375              |            |              |  |
| STATEWIDE   | EX           |   |                   |                                 |                                  | 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 STATE UNIVERSITY                               | 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                             |   |   |            |                       |            |              |  |
| STATEWIDE   | EX           |   |                   |                                 |                                  | EX A  | PHASE 2 OF IMPLEMENTATION   |            |                       |            |              |  |
| NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE | C-4903       | NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.  |                   | 1500                            | 1500                             | IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY              |   |            |                       |            |              |  |
| STATEWIDE   | EX           |   |                   |                                 |                                  |   |   |            |                       |            |              |  |
| STATEWIDE   | C-9999       | CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.   |                   | 300000                          |                                  | CMAQ<br>C<br>30000  | C<br>30000  | C<br>30000 | C<br>30000            | C<br>30000 | C<br>30000   |  |
| STATEWIDE   | EX           |   |                   |                                 |                                  |   |   |            |                       |            |              |  |

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## STATEWIDE PROJECTS HIGHWAY PROGRAM

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU)<br>FUND\$ | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |            |            |                       |            |            |            |
|--|--------------|--|-------------------|---|---|------------|------------|-----------------------|------------|------------|------------|
|  |              |  |                   |   | STATE TRANSPORTATION PROGRAM                                |            |            | DEVELOPMENTAL PROGRAM |            |            |            |
|  |              |  |                   |   | FY 2018   | FY 2019    | FY 2020    | FY 2021               | FY 2022    | FY 2023    |            |
| <b>ENHANCEMENT (ROADSIDE PROJECTS)</b>   |              |  |                   |   |   |            |            |                       |            |            |            |
| VARIOUS  | ER-5600      | VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. | 42182             | 2182                                      | STBG  | C 1200 DIV | C 1200 DIV | C 1200 DIV            | C 1200 DIV | C 1200 DIV | C 1200 DIV |
|  |              |  |                   |   | STBG  | C 1200 RE  | C 1200 RE  | C 1200 RE             | C 1200 RE  | C 1200 RE  | C 1200 RE  |
|  |              |  |                   |   | STBG  | C 1600 SW  | C 1600 SW  | C 1600 SW             | C 1600 SW  | C 1600 SW  | C 1600 SW  |
| STATEWIDE  |              |  |                   |   |   |            |            |                       |            |            |            |
| DIV DIV VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - DIVISION CATEGORY. - IN PROGRESS |              |  |                   |   |   |            |            |                       |            |            |            |
| REG REG VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - REGIONAL CATEGORY. - IN PROGRESS |              |  |                   |   |   |            |            |                       |            |            |            |
| SW SW VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - STATEWIDE CATEGORY. - IN PROGRESS  |              |  |                   |   |   |            |            |                       |            |            |            |
| <b>IN PROGRESS</b>   |              |  |                   |   |   |            |            |                       |            |            |            |
| VARIOUS  | M-0451       | STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.                | 1312              | 612                                       | T PE  | 21 DIV     | PE         | 21 DIV                | PE         | 21 DIV     | PE         |
|  |              |  |                   |   | T PE  | 21 RE      | PE         | 21 RE                 | PE         | 21 RE      | PE         |
|  |              |  |                   |   | T PE  | 28 SW      | PE         | 28 SW                 | PE         | 28 SW      | PE         |
| STATEWIDE  |              |  |                   |   |   |            |            |                       |            |            |            |
| 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.  |              |  |                   |   |   |            |            |                       |            |            |            |
| <b>SAFE ROUTES TO SCHOOLS PROJECTS</b>   |              |  |                   |   |   |            |            |                       |            |            |            |
| VARIOUS  | SR-5001      | SAFE ROUTES TO SCHOOL PROGRAM.   |                   |   |   |            |            |                       |            |            |            |
| STATEWIDE  | DIV          | PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC FUEL CONSUMPTION AND AID      |                   |   |   |            |            |                       |            |            |            |
|  |              |  | 13519             | 13519                                     |   |            |            |                       |            |            |            |

|                              |                          |
|------------------------------|--------------------------|
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## STATEWIDE PROJECTS NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

| ROUTE/CITY<br>COUNTY                   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | STATE TRANSPORTATION PROGRAM |                  | DEVELOPMENTAL PROGRAM |                  | UNFUNDED<br>FUTURE YEARS                                     |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|------------------------------|------------------|-----------------------|------------------|--|
|  |              |  |                   |                                 |                                  | FY 2018<br>FUNDS             | FY 2019<br>FUNDS | FY 2020<br>FUNDS      | FY 2021<br>FUNDS |  |
| <b>BICYCLE AND PEDESTRIAN PROJECTS</b> |              |  |                   |                                 |                                  |                              |                  |                       |                  |  |
| VARIOUS STATEWIDE                      | E-4018       | NATIONAL RECREATIONAL TRAILS DIV   |                   | 12645                           | 645                              | TAP                          | C 1200           | C 1200                | C 1200           | C 1200   |
| VARIOUS STATEWIDE                      | EB-3314      | STATEWIDE PEDESTRIAN FACILITIES TRN  |                   | 6476                            | 6476                             |                              |                  |                       |                  | IN PROGRESS  |
| VARIOUS STATEWIDE                      | EB-4411      | ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.   |                   | 6476                            | 6476                             |                              |                  |                       |                  | UNDER CONSTRUCTION   |
| VARIOUS STATEWIDE                      | EB-5542      | STATEWIDE BICYCLE-PEDESTRIAN PROGRAM. DIV  |                   | 11503                           | 1503                             | STBG                         | PE 1000          | PE 1000               | PE 1000          | PE 1000  |
| VARIOUS STATEWIDE                      | ER-2971      | SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS. TRN  |                   | 25408                           | 25408                            |                              |                  |                       |                  | IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>  |              |  |                   |                                 |                                  |                              |                  |                       |                  |  |
| GREYHOUND LINES STATEWIDE              | 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 HF |                   | 4081                            | 4081                             | FNU                          |                  |                       |                  |  |
| GREYHOUND LINES STATEWIDE              | TI-6105      | INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK HF                                     |                   | 1402                            | 1402                             | FNF                          |                  |                       |                  |  |
| GREYHOUND LINES STATEWIDE              | TI-6106      | INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON HF                      |                   | 1592                            | 1592                             | FNU                          |                  |                       |                  |  |
| GREYHOUND LINES STATEWIDE              | 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 HF                      |                   | 1910                            | 1910                             | FNU                          |                  |                       |                  |  |

|                              |                          |
|------------------------------|--------------------------|
| DIV - Division Category      | EX - Exempt Category     |
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**STATEWIDE PROJECTS**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY   | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |                          |           |                       |           |              |  |
|--|--------------|--|-------------------|---------------------------------|----------------------------------|---|--------------------------|-----------|-----------------------|-----------|--------------|--|
|  |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |                          |           | DEVELOPMENTAL PROGRAM |           |              |  |
|  |              |  |                   |                                 |                                  | FY 2023   | FY 2024                  | FY 2025   | FY 2026               | FY 2027   | FUTURE YEARS |  |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>  |              |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| NC DOT FERRY<br>DIVISION   | TA-6535      | CAPITAL  |                   | 789                             | 789                              | [FNF]<br>S  |                          |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| REGIONAL<br>COORDINATED AREA<br>TRANSPORTATION   | TP-4901      | PLANNING ASSISTANCE - RESEARCH<br>SUPPORT ACTIVITIES   |                   | 7769                            | 5579                             | [FSPR]<br>S   | CP<br>150                | CP<br>120 | CP<br>120             | CP<br>600 | CP<br>120    |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |              |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| REGIONAL<br>COORDINATED AREA<br>TRANSPORTATION   | TT-9702A     | TECHNOLOGY - ADMINISTRATION (ITRE)   |                   | 50                              | 50                               | [UTCH]  |                          |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| STATEWIDE  | TA-6665      | 5311 CAPITAL PROJECTS FOR RURAL AREAS  |                   | 18676                           | 11823                            | [FNU]<br>L<br>S   | CP<br>620<br>1971        |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| STATEWIDE  | TA-6666      | PURCHASE REPLACEMENT VEHICLES  |                   | 3735                            | 1527                             | [FBUS]<br>L<br>S  | CP<br>4262<br>201        |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| STATEWIDE  | TA-6520      | SECTION 5311 NEW FREEDOM CAPITAL<br>FUNDING ASSISTANCE TO COMMUNITY<br>TRANSPORTATION SYSTEMS AND NON-<br>PROFIT AGENCIES ACROSS THE STATE |                   | 443                             | 443                              | [FNF]   |                          |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| STATEWIDE  | TC-5004      | 5311 ADT/AP CAPITAL PROJECTS FOR<br>RURAL AREAS  |                   | 5129                            | 2310                             | [ADT/AP]<br>L<br>S  | CP<br>2264<br>278<br>277 |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| STATEWIDE  | TH-2000      | TRAVELER'S AID PROGRAM   |                   | 126                             | 126                              | [L]<br>S  |                          |           |                       |           |              |  |
| STATEWIDE  | HF           |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>  |              |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |
| <b>COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO<br/>SIGNIFICANT CHANGES AS MORE INFORMATION BECOMES AVAILABLE</b> |              |  |                   |                                 |                                  |   |                          |           |                       |           |              |  |

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 SW - Statewide Category TRN - Transition Project

## STATEWIDE PROJECTS

## NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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

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

**STATEWIDE PROJECTS**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY                  | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |              |     |
|---------------------------------------|--------------|--|-------------------|---------------------------------|----------------------------------|---|---------|---------|-----------------------|---------|--------------|-----|
|                                       |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |         |         | DEVELOPMENTAL PROGRAM |         |              |     |
|                                       |              |  |                   |                                 |                                  | FY 2023   | FY 2024 | FY 2025 | FY 2026               | FY 2027 | FUTURE YEARS |     |
| <b>PUBLIC TRANSPORTATION PROJECTS</b> |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| STATEWIDE                             | TO-9039      | 5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS  |                   | 657                             | 657                              | [FEPD]<br>L<br>S  | FY 2018 | FY 2019 | FY 2020               | FY 2021 | FY 2022      |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| STATEWIDE                             | TQ-694       | 5310 OPERATING PROJECTS FOR RURAL AREAS  |                   | 8670                            | 4208                             | [FEPD]<br>L<br>0<br>0                                       | 2321    |         |                       |         |              |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| STATEWIDE                             | TS-7000      | DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM   |                   | 844                             | 844                              | [SSO]   |         |         |                       |         |              |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| STATEWIDE                             | TS-4900Z     | STATEWIDE TRAINING AND SUPPORT SERVICES RTAP RURAL, SMALL-URBAN AND PARATRANSIT                          |                   | 2285                            | 1873                             | [RTAP]  | AD      | 412     |                       |         |              |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| STATEWIDE                             | TT-5205      | NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS |                   | 66                              | 66                               | [FNF]<br>S  |         |         |                       |         |              |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| SUB REGIONAL                          | TM-5301      | STATE ADMINISTRATION - JOB ACCESS NON-URBAN  |                   | 5592                            | 4092                             | [JARC]  | AD      | 500     | AD                    | 500     |              |     |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| SUB REGIONAL                          | TN-5112      | STATE ADMINISTRATION - NEW FREEDOM - 5317  |                   | 4270                            | 3184                             | [FNF]   | AD      | 386     | AD                    | 350     | AD           | 350 |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| SUB REGIONAL                          | TV-4903      | STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)                                    |                   | 9749                            | 5930                             | [FEPD]  | AD      | 569     | AD                    | 650     | AD           | 650 |
| STATEWIDE                             | HF           |  |                   |                                 |                                  |   |         |         |                       |         |              |     |
| <b>FUNDS AUTHORIZED IN PROGRESS</b>   |              |  |                   |                                 |                                  |   |         |         |                       |         |              |     |

DIV - Division Category EX - Exempt Category  
 HF - State Dollars (Non STI) REG - Regional Category  
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**STATEWIDE PROJECTS**  
**NON HIGHWAY PROGRAM**

| ROUTE/CITY<br>COUNTY           | ID<br>NUMBER | LOCATION / DESCRIPTION   | LENGTH<br>(Miles) | TOTAL<br>PROJ<br>COST<br>(THOU) | PRIOR<br>YEARS<br>COST<br>(THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |                |                   |                 |                |                       |                 |                |                   |                 |
|--------------------------------|--------------|--|-------------------|---------------------------------|----------------------------------|---|----------------|-------------------|-----------------|----------------|-----------------------|-----------------|----------------|-------------------|-----------------|
|                                |              |  |                   |                                 |                                  | STATE TRANSPORTATION PROGRAM                                |                |                   |                 |                | DEVELOPMENTAL PROGRAM |                 |                |                   |                 |
|                                |              |  |                   |                                 |                                  | FY 2023   | FY 2024        | FY 2025           | FY 2026         | FY 2027        | FY 2023               | FY 2024         | FY 2025        | FY 2026           | FY 2027         |
| <b>PASSENGER RAIL PROJECTS</b> |              |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | P-5602       | STATEWIDE RAIL PRELIMINARY ENGINEERING   |                   | 12001                           | 2001                             | T<br>T<br>T   | PE<br>PE<br>PE | 300<br>300<br>300 | DIV<br>RE<br>SW | PE<br>PE<br>PE | 300<br>300<br>300     | DIV<br>RE<br>SW | PE<br>PE<br>PE | 300<br>300<br>300 | DIV<br>RE<br>SW |
| STATEWIDE                      |              |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | Y-5500       | TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.  |                   | 31087                           | 1087                             | RR<br>RR  | R<br>C         | 500<br>2500       | R<br>C          | 500<br>2500    | R<br>C                | 500<br>2500     | R<br>C         | 500<br>2500       | R<br>C          |
| STATEWIDE                      | DIV          |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | Z-5400       | HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.   |                   | 23316                           | 23316                            | IN PROGRESS   |                |                   |                 |                |                       |                 |                |                   |                 |
| STATEWIDE                      | DIV          |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | Z-9999       | HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.                        |                   | 17500                           | 17500                            | RR<br>RR  |                |                   |                 |                |                       |                 |                |                   |                 |
| STATEWIDE                      | DIV          |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | Z-5700       | HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.   |                   | 7404                            | 404                              | RR<br>RR  | R<br>C         | 500<br>3000       | R<br>C          | 500<br>3000    | R<br>C                | 500<br>3000     | R<br>C         | 500<br>3000       | R<br>C          |
| STATEWIDE                      | DIV          |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| VARIOUS                        | Z-5800       | HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.   |                   | 10500                           | RR<br>RR                         | R<br>C  | 500<br>3000    | R<br>C            | 500<br>3000     | R<br>C         | 500<br>3000           | R<br>C          | 500<br>3000    | R<br>C            | 500<br>3000     |
| STATEWIDE                      | DIV          |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |
| NORTH CAROLINA RAILROAD        | C-5571       | NC DOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES, PUBLIC OUTREACH AND AWARENESS PROGRAM. |                   | 2456                            | 2456                             | IN PROGRESS   |                |                   |                 |                |                       |                 |                |                   |                 |
| STATEWIDE                      | EX           |  |                   |                                 |                                  |   |                |                   |                 |                |                       |                 |                |                   |                 |

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(INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

|                 |  | FUNDING<br>TYPE |         |         |         |         | (ESTIMATED COST ARE IN THOUSANDS OF DOLLARS) |       |        |
|-----------------|--|-----------------|---------|---------|---------|---------|--|-------|--------|
| FUNDING         | FUNDING DESCRIPTION  |                 | FY 2018 | FY 2019 | FY 2020 | FY 2021 |  |       |        |
| HSIP            | HIGHWAY SAFETY IMPROVEMENT PROGRAM                               | F               |         | 108     |         |         |  |       |        |
| L               | Local  | O               |         | 567     |         | 572     |  | 809   | 585    |
| NHP             | National Highway Performance Program                             | F               |         | 21586   |         | 21528   |  | 21743 | 19444  |
| NHPIM           | National Highway Performance Program (Interstate Maintenance)    | F               |         |         |         | 3261    |  | 3293  |        |
| STBG            | Surface Transportation Block Grant Program                       | F               |         | 4967    |         | 3971    |  | 14760 |        |
| STBGDA          | Surface Transportation Block Grant Program (Direct Attributable) | F               |         | 2997    |         | 3026    |  | 3058  | 3088   |
| T               | Highway Trust Funds  | S               |         | 29686   |         | 49364   |  | 69367 | 90852  |
| <b>SUBTOTAL</b> |  |                 | 59911   |         | 81722   |         | 113030                                       |       | 113969 |

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

Tuesday, July 25, 2017

**(INFLATED) STIP FUNDING SUMMARY 2018 - 2021 (August 2017)****WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION****NON HIGHWAY PROGRAM**

| FUNDING | FUNDING DESCRIPTION  | FUNDING TYPE    | (ESTIMATED COST ARE IN THOUSANDS OF DOLLARS)   |
|---------|--|-----------------|--|
|         |  |                 | FY 2018      FY 2019      FY 2020      FY 2021 |
| FBUS    | Capital Program - Bus Earmark (5309)                             | F               | 1394      1420      3635      269              |
| FEPD    | Elderly and Persons with Disability (5310)                       | F               | 126      127      129                          |
| FMPL    | Metropolitan Planning (5303)                                     | F               | 385      389      393                          |
| FNF     | New Freedom Program  | F               | 179  |
| FNU     | Non Urbanised Area Formula Program (5311)                        | F               | 218      220                                   |
| FUZ     | Capital Program - Bus Earmark (5309)                             | F               | 3019      2437                                 |
| JARC    | Job Assistance And Reverse Commute (5316)                        | F               | 184  |
| L       | Local  | O               | 4439      3395                                 |
| O       | Local, Non Federal or State Funds                                | O               | 4522   |
| S       | State  | S               | 275      185                                   |
| SMAP    | Operating Assistance and State Maintenance                       | S               | 381      381                                   |
| STBGDA  | Surface Transportation Block Grant Program (Direct Attributable) | F               | 849      857                                   |
| STPEB   | Surface Transportation Program (Enhancement)                     | F               | 3158   |
| T       | Highway Trust Funds  | S               | 502      757                                   |
| TAP     | Transportation Alternatives Program                              | F               | 981  |
| TAPDA   | Transportation Alternatives Program (Direct Attributable)        | <b>SUBTOTAL</b> | 19475      11014      12018                    |
|         |  |                 | 7218   |
|         |  | <b>TOTAL</b>    | 79386      92736      125048      121187       |

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

Tuesday, July 25, 2017

STATEWIDE PROJECT

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

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|                              |                          |
|------------------------------|--------------------------|
| DIV - Division Category      | EX - Exempt Category     |
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STATEWIDE PROJECT

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

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2020-2021

**STATEWIDE PROJECT**

| COUNTY                         | ROUTE/CITY | ID NUMBER | LOCATION / DESCRIPTION | LENGTH  | TOTAL PROJ COST (THOU) | PRIOR YEARS COST (THOU) | FUNDING | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |                            |   |   |          |          |          |          |              |          |          |   |
|--------------------------------|------------|-----------|------------------------|---|------------------------|-------------------------|---------|---|---------|----------------------------|---|---|----------|----------|----------|----------|--------------|----------|----------|---|
|                                |            |           |                        |   |                        |                         |         | STATE TRANSPORTATION IMPROVEMENT PROGRAM                    |         |                            | DEVELOPMENTAL PROGRAM                           |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         | FY 2019   | FY 2020 | FY 2021                    | FY 2022   | FY 2023   | FY 2024  | FY 2025  | FY 2026  | FY 2027  | FUTURE YEARS | UNFUNDED |          |   |
| FEASIBILITY STUDIES            | STATEWIDE  | VARIOUS   | M-0452                 | TOLLING/FINANCIAL FEASIBILITY STUDIES.  | 3064                   | 1064                    | [PE]    | 200   | PE      | 200                        | PE  | 200   | PE       | 200      | PE       | 200      | PE           | 200      |          |   |
|                                |            |           | SW                     |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| <b>BRIDGE PROJECTS</b>         | STATEWIDE  | VARIOUS   | B-9999                 | BRIDGE INSPECTION PROGRAM.  |                        |                         |         | 339692  | 229692  | STBGS                      | 1   | 3300 DIV  | 1        | 3300 DIV | 1        | 3300 DIV | 1            | 3300 DIV | 1        |   |
|                                |            |           |                        |   |                        |                         |         |   |         | STBGS                      | 1   | 3300 RE   | 1        | 3300 RE  | 1        | 3300 RE  | 1            | 3300 RE  | 1        |   |
|                                |            |           |                        |   |                        |                         |         |   |         | STBGS                      | 1   | 4400 SW   | 1        | 4400 SW  | 1        | 4400 SW  | 1            | 4400 SW  | 1        |   |
|                                |            |           |                        |   |                        |                         |         | DIV   | DIV     | BRIDGE INSPECTION PROGRAM. |   |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            | REG   | REG BRIDGE INSPECTION PROGRAM.                    |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            | SW  | SW BRIDGE INSPECTION PROGRAM.                     |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   | IN PROGRESS                                       |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BK-5102   | BK-5102                | BRIDGE PAINTING AT 19 SELECTED LOCATIONS.   |                        |                         |         |   | 2027    | 2027                       |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | IN PROGRESS                                     |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BK-5132   | BK-5132                | IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.                                       |                        |                         |         | 1000  | 1000    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | REG                    |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   | IN PROGRESS                                       |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BK-5131   | BK-5131                | BRIDGE PRESERVATION AT SELECTED LOCATIONS.  |                        |                         |         | 1500  | 1500    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | UNDER CONSTRUCTION                              |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BK-5101   | BK-5101                | DECK PRESERVATION AT 15 SELECTED LOCATIONS.   |                        |                         |         | 7747  | 7747    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | UNDER CONSTRUCTION                              |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BP-5500   | BP-5500                | BRIDGE PRESERVATION ISSUES AT SELECTED SITES.   |                        |                         |         | 5000  | 5000    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | IN PROGRESS                                     |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | BP-5500   | BP-5500                | BRIDGE PRESERVATION ISSUES AT SELECTED SITES.   |                        |                         |         | 23151   | 23151   |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | DIV   | DIV BRIDGE PRESERVATION ISSUES AT SELECTED SITES. |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            | REG   | REG BRIDGE PRESERVATION ISSUES AT SELECTED SITES. |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            | SW  | SW BRIDGE PRESERVATION ISSUES AT SELECTED SITES.  |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | M-0418    | M-0418                 | STORM WATER RUNOFF, RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18) |                        |                         |         | 5860  | 5860    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | UNDER CONSTRUCTION                              |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| STATEWIDE                      | VARIOUS    | M-0379    | M-0379                 | SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.   |                        |                         |         | 3100  | 3100    |                            |   |   |          |          |          |          |              |          |          |   |
|                                |            |           | DIV                    |   |                        |                         |         |   |         |                            | IN PROGRESS                                     |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         |                            |   |   |          |          |          |          |              |          |          |   |
| <b>HIGHWAY SAFETY PROJECTS</b> | STATEWIDE  | VARIOUS   | W-9999                 | HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.   |                        |                         |         | 223850  | HSIP    | C                          | 3600 DIV  | C   | 6750 DIV | C        | 7035 DIV | C        | 7110 DIV     | C        | 7110 DIV | C |
|                                |            |           |                        |   |                        |                         |         |   | HSIP    | C                          | 3600 RE   | C   | 6750 RE  | C        | 7035 RE  | C        | 7110 RE      | C        | 7110 RE  | C |
|                                |            |           |                        |   |                        |                         |         |   | HSIP    | C                          | 4800 SW   | C   | 9000 SW  | C        | 9380 SW  | C        | 9480 SW      | C        | 9480 SW  | C |
|                                |            |           |                        |   |                        |                         |         |   |         | DIV                        | HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.     |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         | REG                        | REG HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE. |   |          |          |          |          |              |          |          |   |
|                                |            |           |                        |   |                        |                         |         |   |         | SW                         | SW HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.  |   |          |          |          |          |              |          |          |   |

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

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

STATEWIDE PROJECT

| TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS  |            |  |  |        |         |                       |         |   |         | UNFUNDED<br>FUTURE YEARS |         |          |         |          |         |          |
|--|------------|--|--|--------|---------|-----------------------|---------|---|---------|--------------------------|---------|----------|---------|----------|---------|----------|
|  |            | STATE TRANSPORTATION IMPROVEMENT PROGRAM |  |        |         | DEVELOPMENTAL PROGRAM |         |   |         | UNFUNDED<br>FUTURE YEARS |         |          |         |          |         |          |
| COUNTY   | ROUTE/CITY | ID NUMBER                                | LOCATION / DESCRIPTION   | LENGTH | FUNDING | FY 2018               | FY 2019 | FY 2020   | FY 2021 | FY 2022                  | FY 2023 | FY 2024  | FY 2025 | FY 2026  | FY 2027 |          |
| <b>HIGHWAY SAFETY PROJECTS</b>   |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | W-5300                                   | SIGNAL RETIMING TO IMPROVE SAFETY.   | 6608   | 6608    | DIV                   | DIV     | SIGNAL RETIMING TO IMPROVE SAFETY.<br>REG REG SIGNAL RETIMING TO IMPROVE SAFETY.<br>SW SW SIGNAL RETIMING TO IMPROVE SAFETY.  |         |                          |         |          |         |          |         |          |
| IN PROGRESS  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | W-5517                                   | SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.   | 71601  | 16601   | HSIP                  | PE      | 1650 DIV  | PE      | 1650 DIV                 | PE      | 1650 DIV | PE      | 1650 DIV | PE      | 1650 DIV |
|  |            |  |  |        |         | HSIP                  | PE      | 1650 RE   | PE      | 1650 RE                  | PE      | 1650 RE  | PE      | 1650 RE  | PE      | 1650 RE  |
|  |            |  |  |        |         | HSIP                  | 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.<br>REG REG SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.<br>SW SW SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.  |         |                          |         |          |         |          |         |          |
| IN PROGRESS  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | W-5601                                   | RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.  | 180736 | 82736   | HSIP                  | R       | 420 DIV   | R       | 420 DIV                  | R       | 420 DIV  | R       | 420 DIV  | R       | 420 DIV  |
|  |            |  |  |        |         | HSIP                  | C       | 2520 DIV  | C       | 2520 DIV                 | C       | 2520 DIV | C       | 2520 DIV | C       | 2520 DIV |
|  |            |  |  |        |         | HSIP                  | R       | 420 RE  | R       | 420 RE                   | R       | 420 RE   | R       | 420 RE   | R       | 420 RE   |
|  |            |  |  |        |         | HSIP                  | C       | 2520 RE   | C       | 2520 RE                  | C       | 2520 RE  | C       | 2520 RE  | C       | 2520 RE  |
|  |            |  |  |        |         | HSIP                  | R       | 560 SW  | R       | 560 SW                   | R       | 560 SW   | R       | 560 SW   | R       | 560 SW   |
|  |            |  |  |        |         | HSIP                  | C       | 3360 SW   | C       | 3360 SW                  | C       | 3360 SW  | C       | 3360 SW  | C       | 3360 SW  |
|  |            |  |  |        |         | DIV                   | DIV     | RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.<br>REG REG RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.<br>SW SW RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATEWIDE CATEGORY. |         |                          |         |          |         |          |         |          |
| IN PROGRESS  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | W-5700                                   | SIGNAL RETIMING TO IMPROVE SAFETY.   | 17000  | 2000    | HSIP                  | C       | 450 DIV   | C       | 450 DIV                  | C       | 450 DIV  | C       | 450 DIV  | C       | 450 DIV  |
|  |            |  |  |        |         | HSIP                  | C       | 450 RE  | C       | 450 RE                   | C       | 450 RE   | C       | 450 RE   | C       | 450 RE   |
|  |            |  |  |        |         | HSIP                  | C       | 600 SW  | C       | 600 SW                   | C       | 600 SW   | C       | 600 SW   | C       | 600 SW   |
|  |            |  |  |        |         | DIV                   | DIV     | SIGNAL RETIMING TO IMPROVE SAFETY.<br>REG REG SIGNAL RETIMING TO IMPROVE SAFETY.<br>SW SW SIGNAL RETIMING TO IMPROVE SAFETY.  |         |                          |         |          |         |          |         |          |
| IN PROGRESS  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | W-5508                                   | HIGHWAY SYSTEM DATA COLLECTION, TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.   | 1500   | 1500    |                       |         |   |         |                          |         |          |         |          |         |          |
| <b>CONGESTION MITIGATION PROJECTS</b>  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | C-5601                                   | CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.  | 5922   |         | CMAQ                  | PE      | 235   | PE      | 239                      | PE      | 239      | PE      | 239      | PE      | 239      |
|  |            |  |  |        |         | CMAQ                  | PE      | 59  | PE      | 60                       | PE      | 60       | PE      | 60       | PE      | 60       |
|  |            |  |  |        |         | CMAQ                  | R       | 235   | R       | 239                      | R       | 239      | R       | 239      | R       | 239      |
|  |            |  |  |        |         | CMAQ                  | R       | 59  | R       | 60                       | R       | 60       | R       | 60       | R       | 60       |
|  |            |  |  |        |         | CMAQ                  | C       | 1407  | C       | 1433                     | C       | 1433     | C       | 1433     | C       | 1433     |
|  |            |  |  |        |         | CMAQ                  | C       | 352   | C       | 358                      | C       | 358      | C       | 358      | C       | 358      |
|  |            |  |  |        |         | CMAQ                  | O       | 235   | O       | 239                      | O       | 239      | O       | 239      | O       | 239      |
|  |            |  |  |        |         | CMAQ                  | O       | 59  | O       | 60                       | O       | 60       | O       | 60       | O       | 60       |
|  |            |  |  |        |         | CMAQ                  | J       | 235   | J       | 239                      | J       | 239      | J       | 239      | J       | 239      |
|  |            |  |  |        |         | CMAQ                  | J       | 59  | J       | 60                       | J       | 60       | J       | 60       | J       | 60       |
|  |            |  |  |        |         | EX                    |         |   |         |                          |         |          |         |          |         |          |
| STATEWIDE  | VARIOUS    | C-3600                                   | DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM, UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (IME) PROGRAM. | 6702   | 6702    |                       |         |   |         |                          |         |          |         |          |         |          |
|  |            | EX                                       |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES  |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |
| COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE |            |  |  |        |         |                       |         |   |         |                          |         |          |         |          |         |          |

DIV - Division Category    EX - Exempt Category  
 HF - State Dollars (Non STI)    REG - Regional Category  
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COURSES AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

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**STATEWIDE PROJECT**

**TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS**

| COUNTY                                | ROUTE/CITY | ID NUMBER | LOCATION / DESCRIPTION   | LENGTH | TOTAL PROJ COST (THOU) | PRIOR YEARS COST (THOU) | STATE TRANSPORTATION IMPROVEMENT PROGRAM |         |         |         |         |         | UNFUNDED FUTURE YEARS |         |         |         |  |  |
|---------------------------------------|------------|-----------|--|--------|------------------------|-------------------------|--|---------|---------|---------|---------|---------|-----------------------|---------|---------|---------|--|--|
|                                       |            |           |  |        |                        |                         | FY 2018 FUNDS                            | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024               | FY 2025 | FY 2026 | FY 2027 |  |  |
| <b>CONGESTION MITIGATION PROJECTS</b> |            |           |  |        |                        |                         |  |         |         |         |         |         |                       |         |         |         |  |  |
| STATEWIDE                             | VARIOUS    | C-5600    | STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS. |        | 60260                  | 18379                   | CMAQ PE                                  | 1634    | PE      | 1664    |         |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | PE      | 408     | PE      | 416     |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | CMAQ R                                   | 1634    | R       | 1664    |         |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | R       | 408     | R       | 416     |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | CMAQ C                                   | 9803    | C       | 9983    |         |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | C       | 2451    | C       | 2496    |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | CMAQ O                                   | 0       | 1634    | O       | 1664    |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | O       | 408     | O       | 416     |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | CMAQ I                                   | 1       | 1634    | I       | 1664    |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | I       | 408     | I       | 416     |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | S(M)                                     | I       | 327     | I       | 333     |         |                       |         |         |         |  |  |
|                                       |            |           |  |        |                        |                         | EX                                       |         |         |         |         |         |                       |         |         |         |  |  |

|   |         |        |   |  |      |      |        |    |      |   |     |   |  |  |  |  |  |
|---|---------|--------|---|--|------|------|--------|----|------|---|-----|---|--|--|--|--|--|
| STATEWIDE   | VARIOUS | 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. |  | 4869 | 2994 | CMAQ L | OT | 1500 | C | 375 | C |  |  |  |  |  |
| <b>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</b> |         |        |   |  |      |      |        |    |      |   |     |   |  |  |  |  |  |
|   |         |        |   |  |      |      | EX B   |    |      |   |     |   |  |  |  |  |  |
|   |         |        |   |  |      |      | EX C   |    |      |   |     |   |  |  |  |  |  |
|   |         |        |   |  |      |      | EX     |    |      |   |     |   |  |  |  |  |  |

|  |                                 |        |  |  |      |      |    |  |  |  |  |  |  |  |  |  |  |
|--|---------------------------------|--------|--|--|------|------|----|--|--|--|--|--|--|--|--|--|--|
| STATEWIDE  | NORTH CAROLINA STATE UNIVERSITY | C-4903 | NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST. |  | 1500 | 1500 |    |  |  |  |  |  |  |  |  |  |  |
| <b>IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY</b> |                                 |        |  |  |      |      |    |  |  |  |  |  |  |  |  |  |  |
|  |                                 |        |  |  |      |      | EX |  |  |  |  |  |  |  |  |  |  |
|  |                                 |        |  |  |      |      | EX |  |  |  |  |  |  |  |  |  |  |

|   |           |        |   |  |        |        |        |       |   |       |   |       |   |       |   |       |   |
|---|-----------|--------|---|--|--------|--------|--------|-------|---|-------|---|-------|---|-------|---|-------|---|
| STATEWIDE   | STATEWIDE | C-9999 | CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS. |  | 300000 | 300000 | CMAQ C | 30000 | C |
| <b>IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY</b> |           |        |   |  |        |        |        |       |   |       |   |       |   |       |   |       |   |
|   |           |        |   |  |        |        | EX     |       |   |       |   |       |   |       |   |       |   |
|   |           |        |   |  |        |        | EX     |       |   |       |   |       |   |       |   |       |   |

|  |         |         |  |  |       |      |         |      |     |   |      |     |   |      |     |   |      |     |
|--|---------|---------|--|--|-------|------|---------|------|-----|---|------|-----|---|------|-----|---|------|-----|
| STATEWIDE  | VARIOUS | ER-5600 | VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. |  | 42182 | 2182 | STBGS C | 1200 | DIV | C | 1200 | DIV | C | 1200 | DIV | C | 1200 | DIV |
| <b>IN PROGRESS BY NCDENR DIVISION OF VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE - REGIONAL CATEGORY - IN PROGRESS</b> |         |         |  |  |       |      |         |      |     |   |      |     |   |      |     |   |      |     |
|  |         |         |  |  |       |      | STBGS C | 1200 | RE  | C | 1200 | RE  | C | 1200 | RE  | C | 1200 | RE  |
|  |         |         |  |  |       |      | STBGS C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  |
|  |         |         |  |  |       |      | STBGS C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  |
|  |         |         |  |  |       |      | STBGS C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  | C | 1600 | SW  |

|                    |         |        |   |  |      |     |      |    |     |    |    |     |    |    |     |    |    |     |
|--------------------|---------|--------|---|--|------|-----|------|----|-----|----|----|-----|----|----|-----|----|----|-----|
| STATEWIDE          | VARIOUS | M-0451 | STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS. |  | 1312 | 612 | T PE | 21 | DIV | PE | 21 | DIV | PE | 21 | DIV | PE | 21 | DIV |
| <b>IN PROGRESS</b> |         |        |   |  |      |     |      |    |     |    |    |     |    |    |     |    |    |     |
|                    |         |        |   |  |      |     | T PE | 21 | RE  | PE | 21 | RE  | PE | 21 | RE  | PE | 21 | RE  |
|                    |         |        |   |  |      |     | T PE | 28 | SW  | PE | 28 | SW  | PE | 28 | SW  | PE | 28 | SW  |
|                    |         |        |   |  |      |     | T PE | 28 | SW  | PE | 28 | SW  | PE | 28 | SW  | PE | 28 | SW  |

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

STATEWIDE PROJECT

| COUNTY                                 | ROUTE/CITY            | ID NUMBER   | LOCATION / DESCRIPTION  | LENGTH | TOTAL PRIOR PROJ COST (THOU) | STATE TRANSPORTATION IMPROVEMENT PROGRAM FUNDS       | DEVELOPMENTAL PROGRAM |         |         | UNFUNDED FUTURE YEARS |
|--|-----------------------|-------------|---|--------|------------------------------|--|-----------------------|---------|---------|-----------------------|
|  |                       |             |   |        |                              |  | FY 2023               | FY 2024 | FY 2025 |                       |
| <b>SAFE ROUTES TO SCHOOLS PROJECTS</b> |                       |             |   |        |                              |  |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | SR-5000 DIV | SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.  | 13519  | 13519                        |  |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | E-4018 DIV  | NATIONAL RECREATIONAL TRAILS.   | 6435   | 6435                         |  |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | E-3314 TRN  | STATEWIDE PEDESTRIAN FACILITIES PROGRAM.  | 12645  | 645                          | TAP C 1200 C 1200 C 1200 C 1200 C 1200 C 1200        |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | EB-3411 DIV | ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.  | 6476   | 6476                         |  |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | EB-5542 DIV | STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.   | 11503  | 1503                         | STBG PE 1000 PE 1000 PE 1000 PE 1000 PE 1000 PE 1000 |                       |         |         |                       |
| STATEWIDE                              | VARIOUS               | ER-2971 TRN | SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.   | 25408  | 25408                        |  |                       |         |         |                       |
| <b>PUBLIC TRANSPORTATION PROJECTS</b>  |                       |             |   |        |                              |  |                       |         |         |                       |
| STATEWIDE                              | GREYHOUND LINES       | TI-6108 HF  | 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  |                       |         |         |                       |
| STATEWIDE                              | GREYHOUND LINES       | TI-6105 HF  | 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  |                       |         |         |                       |
| STATEWIDE                              | GREYHOUND LINES       | TI-6106 HF  | INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTOM ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, Kinston, and NEW BERN                       | 1592   | 1592                         | FNU  |                       |         |         |                       |
| STATEWIDE                              | NC DOT FERRY DIVISION | TA-6535 HF  | CAPITAL   | 789    | 789                          | FNF S  |                       |         |         |                       |

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

**STATEWIDE PROJECT**

| COUNTY                                   | ROUTE/CITY | ID NUMBER | LOCATION / DESCRIPTION   | LENGTH | TOTAL PROJ COST (THOU) | PRIOR YEARS COST (THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |                  | UNFUNDED FUTURE YEARS                               |  |
|--|------------|-----------|--|--------|------------------------|-------------------------|---|------------------|---|--|
|  |            |           |  |        |                        |                         | STATE TRANSPORTATION IMPROVEMENT PROGRAM                    |                  |   |  |
|  |            |           |  |        |                        |                         | FY 2019   | FY 2020          |   |  |
| PUBLIC TRANSPORTATION PROJECTS           | STATEWIDE  | TP-4901   | PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES  | 7769   | 5579                   | FSPR                    | CP 600<br>CP 150  | CP 600<br>CP 120 | FY 2023<br>FY 2024<br>FY 2025<br>FY 2026<br>FY 2027 |  |
| REGIONAL COORDINATED AREA TRANSPORTATION | STATEWIDE  | TT-9702A  | TECHNOLOGY - ADMINISTRATION (ITRE)   | 50     | 50                     | UTCH                    |   |                  |   |  |
| COORDINATED AREA TRANSPORTATION          | STATEWIDE  | TA-6665   | 5311 CAPITAL PROJECTS FOR RURAL AREAS  | 18676  | 11823                  | FNU                     | CP 4262<br>CP 620<br>S CP 1971                              |                  |   |  |
| HF                                       | STATEWIDE  | TA-6666   | PURCHASE REPLACEMENT VEHICLES  | 3735   | 1527                   | FBUS                    | CP 1806<br>L CP 201<br>S CP 201                             |                  |   |  |
| HF                                       | STATEWIDE  | TA-6520   | SECTION 5311 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE | 443    | 443                    | FNF                     |   |                  |   |  |
| HF                                       | STATEWIDE  | TC-5004   | 5311 ADTAP CAPITAL PROJECTS FOR RURAL AREAS  | 5129   | 2310                   | ADTAP                   | CP 2204<br>CP 278<br>S CP 277                               |                  |   |  |
| HF                                       | STATEWIDE  | TH-2000   | TRAVELER'S AID PROGRAM   | 126    | 126                    | L                       |   |                  |   |  |
| HF                                       | STATEWIDE  | TI-6109   | INTERCITY BUS SERVICE  | 9043   | 9043                   | FNU                     | L   |                  |   |  |
| HF                                       | STATEWIDE  | TK-6181   | 5311 ADMINISTRATIVE PROJECTS FOR RURAL AREAS   | 35682  | 17973                  | FNU                     | AD 13423<br>L AD 2630<br>S AD 1656                          |                  |   |  |
| HF                                       | STATEWIDE  | TK-4902   | STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM  | 561    | 330                    | ADTAP                   | AD 231  |                  |   |  |
| HF                                       | STATEWIDE  | TK-49002  | STATE ADMINISTRATION - RURAL AREA GENERAL PUBLIC TRANSIT SERVICES  | 19423  | 12190                  | FNU                     | AD 1743<br>AD 11001<br>AD 11001<br>AD 11001<br>AD 11001     |                  |   |  |
| HF                                       |            |           |  |        |                        |                         |   |                  |   |  |

|                              |                          |
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**STATEWIDE PROJECT**

| COUNTY                                | ROUTE/CITY   | ID NUMBER | LOCATION / DESCRIPTION  | LENGTH | TOTAL PROJ COST (THOU) | PRIOR YEARS COST (THOU) | TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS |         |         |                       |         |         |         |
|---------------------------------------|--------------|-----------|---|--------|------------------------|-------------------------|---|---------|---------|-----------------------|---------|---------|---------|
|                                       |              |           |   |        |                        |                         | STATE TRANSPORTATION IMPROVEMENT PROGRAM                    |         |         | DEVELOPMENTAL PROGRAM |         |         |         |
|                                       |              |           |   |        |                        |                         | FY 2019   | FY 2020 | FY 2021 | FY 2022               | FY 2023 | FY 2024 | FY 2025 |
| <b>PUBLIC TRANSPORTATION PROJECTS</b> |              |           |   |        |                        |                         |   |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TM-6155   | OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE                                 | HF     |                        |                         |   |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TO-6135   | 5311 OPERATING PROJECTS FOR RURAL AREAS   | HF     | 4293                   | 4293                    | [FNU L]   |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TP-4902   | STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311   | HF     | 3710                   | 3710                    | [FNU]   |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TQ-9038   | 5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS                       | HF     | 7551                   | 3226                    | [FEPD L]  | CP 3459 |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TQ-9039   | 5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS                                 | HF     | 657                    | 657                     | [FEPD L]  |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TO-6954   | 5310 OPERATING PROJECTS FOR RURAL AREAS   | HF     | 8670                   | 4208                    | [FEPD L]  | 0 2231  |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TS-7000   | DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM                  | HF     | 844                    | 844                     | [SSO]   |         |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TT-5205   | STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT) | HF     | 2285                   | 1873                    | [RTAP AD]   | 412     |         |                       |         |         |         |
| STATEWIDE                             | STATEWIDE    | TM-5301   | STATE ADMINISTRATION - JOB ACCESS NON-URBAN                                       | HF     | 66                     | 66                      | [FNF S]   |         |         |                       |         |         |         |
| STATEWIDE                             | SUB REGIONAL | TN-5112   | STATE ADMINISTRATION - NEW FREEDOM - 5317   | HF     | 5592                   | 4092                    | [JARC AD]   | 500     | AD 500  | AD 350                |         |         |         |
| STATEWIDE                             | SUB REGIONAL | TV-4903   | STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)             | HF     | 4270                   | 3184                    | [FNF AD]  | 386     | AD 350  | AD 350                |         |         |         |
| STATEWIDE                             | SUB REGIONAL |           |   |        | 9749                   | 5930                    | [FEPD AD]   | 569     | AD 650  | AD 650                | AD 650  | AD 650  | AD 650  |

|                              |                          |
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STATEWIDE PROJECT

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION ADOPTING THE WILMINGTON URBAN AREA  
METROPOLITAN AND STATEWIDE TRANSPORTATION IMPROVEMENT  
PROGRAMS FOR FY 2018-2027**

**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 Draft 2018-2027 Metropolitan/State Transportation Improvement Programs were released on January 4, 2017; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization conducted a 30-day public comment period and public hearing on the Draft 2018-2027 Metropolitan/State Transportation Improvement Programs; and

**WHEREAS**, the 2018-2027 Metropolitan/State Transportation Improvement Programs, for years one through three, will serve as the project selection document for transportation projects within the Wilmington Urban Area Metropolitan Planning Organization's boundary.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the FY 2018-2027 Metropolitan/State Transportation Improvement Programs.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 30, 2017.

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Gary Doetsch, Chair

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Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION RE-AFFIRMING SUPPORT TO INCREASE THE FERRY TOLLS FOR THE  
FORT FISHER/SOUTHPORT FERRY**

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

**WHEREAS**, in 2013, the North Carolina General Assembly mandated that new ferry acquisitions be funded through Strategic Transportation Initiative funding or by revenue-raising initiatives such as tolling, advertising, and concessions; and

**WHEREAS**, the North Carolina Board of Transportation has approved a tolling methodology which tolls routes by distance travelled and raises approximately five million dollars a year for ferry replacement; and

**WHEREAS**, all money collected will go only toward new ferry vessels and ferry improvements; and

**WHEREAS**, the Fort Fisher/Southport ferry is currently a tolled ferry; and

**WHEREAS**, the NCDOT was proposing to retain the same ferry tolls for pedestrians, bicycles and motorcycles but increase the ferry tolls for < 20 feet from \$5 to \$7, 20 feet – 40 feet from \$10 to \$14 and > 40 from \$15 to \$28; and

**WHEREAS**, on March 26, 2014 and March 30, 2016 the Wilmington Urban Area Metropolitan Planning Organization Board supported increasing the ferry tolls however, the new tolls were not implemented.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby re-affirms support to increase the ferry tolls for the Fort Fisher/Southport Ferry.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on August 30, 2017.

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Gary Doetsch, Chair

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Mike Kozlosky, Secretary



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[www.wmopo.org](http://www.wmopo.org)

## **Memorandum**

**To:** Mike Kozlosky, Executive Director, WMPO

**From:** Amy Kimes, PE, Senior Project Engineer, WMPO  
Britt Strait, Accountant, WMPO

**Date:** August 8, 2017

**Subject:** Discussion Regarding STBG/TASA Funding

The STP-DA/TAP-DA programs first awarded funding to WMPO member jurisdictions in fiscal year 2013. Prior to award, the WMPO staff developed an application process with recommendations to the Board for the modal target percentages to be placed within each target category. The categories and allocation percentages were as follows:

Off-the-top:

- 15% Reserve/UPWP

Remaining:

- 20% Intersection
- 15% Intersection
- 15% Roadway
- 50% Bike Ped

New legislation has changed the name to the Surface Transportation Block Grant-Direct Attributable/Transportation Alternative Set-Aside-Direct Attributable (STBG-DA/TASA-DA) programs and provided modified guidance. As a part of moving forward under this new guidance, staff has worked to streamline the application process and provide additional clarification of allowable projects. Staff has also reviewed existing project statuses and current construction costs to better understand the success and/or failure of the award and construction process. Finally, Board members have requested the addition of studies for consideration.

Wilmington Urban Area Metropolitan Planning Organization

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In order to improve on the current process to provide greater success to the member jurisdictions, staff reviewed the complete “cradle to grave” project process. Staff noted the following concerns and questions for discussion:

- The time required between the application submittal process, the design consultant process, and the project being let to construction.
  - Should projects be awarded by phase (design, right-of-way, and construction)?
- Gap in funding awarded versus obligated funding.
  - Should the Board consider over allocation of funds?
  - Should the process be changed so that the submittal/allocation year is applying for a fiscal year that is one or two years out to allowing for the “paperwork” to be handled in advance of actual funding?
- Funding is not distributed across our modal categories.
  - Should the modal categories be changed to be more inclusive of the allowable projects under the new guidance?
  - Should the modal categories percentages be changed to allow for more competitive projects?
- Need for more accurate engineering estimates in the application.
  - Due diligence is anticipated to be added to the application process starting in FY2019. This could include project specific studies to allow member jurisdictions to have a better understanding of the projects prior to submittal.
- Construction costs have significantly increased over the past year.
  - How does the WMPO address the projected shortfalls for current projects? Recently bid projects have been significantly higher than the engineer’s estimate. For example the Gregory Williston SRTS project was estimated at \$412,000. The only bid received was for \$721,000.
  - Should we delay this call for projects to let the projects “catch-up”?
- Board requested review of studies.
  - How should regional or jurisdiction specific studies be included to help better shape the transportation needs of the region.
- Current interest in projects.
  - With so many projects still in the design phase, are any jurisdictions requesting new projects?
  - Is current interest in completing existing projects, and if so, how many of these projects would need additional funding in this fiscal year?

If we were to move in this direction, by changing the application we have created a point to reevaluate the process including: the allocations, awards, and success. It is the goal of the WMPO to provide an effective award and construction process allowing for successful member jurisdiction projects and by evaluating the above concerns, this process could be improved to meet the needs of our member jurisdictions. This review would result in the delay or cancellation of the call for projects for the fiscal 2018 year but should provide for more efficient future calls.



# Cape Fear Crossing

STIP U-4738

## Brunswick and New Hanover Counties

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### PROJECT STATUS REPORT

August 1, 2017

#### Project Description

The Cape Fear Crossing project is proposed as a roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River. The project is programmed in the approved 2016-2025 and draft 2017-2027 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.

The following list includes tasks during the month of July:

#### Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- An update to the Draft Natural Resources Technical Report is ongoing.
- The Draft Sea Level Rise Assessment is under review by NCDOT.
- Right-of-Way cost estimates and relocation reports have been initiated.
- Preparation of the Draft Environmental Impact Statement has been initiated.
- Design refinements for alternatives south of the Port of Wilmington are being investigated due to the request from the NCSPA and WMPO to provide 215 feet of vertical clearance over the Cape Fear River navigational channel (versus 187 feet currently designed).

#### Upcoming Activities

- The project team will follow up with the NEPA/Section 404 Merger Team on August 17<sup>th</sup> regarding potential elimination of alternatives and concurrence on bridging decisions after Concurrence Point 2A.

#### Past Activities

- The NEPA/Section 404 Merger Team met on 5/30/17 in Wilmington to review Concurrence Point 2A – “Bridging Decisions and Alignment Review”.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2 – “Detailed Study Alternatives Carried Forward” on 2/10/14.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – “Purpose and Need and Study Area Defined” on 12/12/13.
- Technical documents that have been finalized are available on the project website under “Project Documents.”

#### Contact Information

NCDOT – Jay McInnis, [jmcinnis@ncdot.gov](mailto:jmcinnis@ncdot.gov), 919.707.6029

AECOM – Joanna Rocco, [joanna.rocco@aecom.com](mailto:joanna.rocco@aecom.com), 919.239.7179

Website: <http://www.ncdot.gov/projects/capefear/>

Email: [capefear@ncdot.gov](mailto:capefear@ncdot.gov)

Hotline: 1.800.233.6315

**WILMINGTON MPO**  
**TRANSPORTATION PLANNING**  
**AUGUST 2017**

### **17TH STREET STREETSCAPE**

**Project Descriptions/Scope:** The 17th Street streetscape project will include upgrades to 17th Street between Wrightsville Avenue and Princess Place Drive. The project will provide for a more efficient transportation system by reduced travel speeds, removal of the lateral shift, improved pedestrian crossings, improved safety and enhance the aesthetics of the area. The City awarded the construction contract to Lanier Construction on June 21, 2016. Construction began on August 22, 2016. Construction is on-going and anticipated to be complete in August.

**Next Steps:**

- Complete construction of the improvements

### **LELAND STREET DESIGN STANDARDS MANUAL**

**Project Description/Scope:** The Town of Leland is partnering with the Wilmington Urban Area MPO to utilize consultant services for the development of street design guidelines. These guidelines will guide new development towards the construction of streets that better align with the town's values in terms of connectivity, multi-modal activity, maintenance, design, and safety. The Leland Street Design Guidelines will include the provision of conceptual tables/graphics which will more easily convey the impact of standards on the physical landscape to the public and elected officials.

**Next Steps:**

- Prepare draft typical cross-sections for inclusion in the draft Street Design Guidelines
- Prepare the draft Leland Street Design Guidelines
- Present draft Leland Street Design Guidelines to Town Council for review and comment

### **MAYOR'S RAIL RE-ALIGNMENT TASK FORCE**

**Project Description/Scope:** The City of Wilmington has appointed a Mayor's Task Force to evaluate the feasibility of re-aligning the rail line that currently traverses the City of Wilmington and potentially repurpose this rail line for another use. This feasibility study was jointly funded by the City of Wilmington, North Carolina Department of Transportation and Wilmington MPO. Moffatt & Nichol completed the Feasibility Study and the consultant presented the findings and recommendation to the Wilmington City Council on June 6<sup>th</sup>.

**Next Steps:**

- The plan has been accepted by the City of Wilmington and adopted by the Wilmington Urban Area MPO Board.

### **Northeast New Hanover County Future Street Plan**

**Project Description/Scope:** New Hanover County and the Wilmington Urban Area MPO are partnering to develop a Future Street Plan for Northeastern New Hanover County. This plan will serve as a framework for a future street system in the study area by examining how well the existing

transportation system performs, developing multi-modal street design guidelines, and creating strategies for integrating land use and transportation development.

**Next Steps:**

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

**SITE DEVELOPMENT REVIEW**

**Project Descriptions/Scope:** The Wilmington 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: 11 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 3 reviews
- Town of Leland Informal Reviews: 1 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: 17 total (New Hanover County 5, City of Wilmington 9, Carolina Beach 0, Leland 0, and Pender County 3) new 2 and ongoing 15
- Pender County Development Plan Reviews: 10 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 53 (11 new, 42 on-going)
- City of Wilmington Informal Reviews: 19 (5 new, 14 on-going)
- City of Wilmington Concept Reviews: 12 (11 new concept reviews-1 on-going concept)
- COW Project Releases: 8 Full releases

**STBGP-DA/TASA-DA FY 2013, 2014 and 2015 Project Status**

**STBGP-DA**

**U-5534B - CITY OF WILMINGTON- HEIDI TRASK DRAWBRIDGE**

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

**Next Steps:**

- Construction contract awarded to Intercoastal Marine, LLC
- Substructure design and material is approved
- Additional funds are being requested from the City.

**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.

**Next Steps:**

- 100% plans have been submitted for review
- Specifications under review by City
- Anticipate R/W acquisition completed August 2017
- Bidding anticipated in October 2017

**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.

**Next Steps:**

- The 65 % plans sent to NCDOT on June 29<sup>th</sup>
- The Town is anticipated to submit request to WMPO Board for additional funds due to expanded scope and increased cost
- NCDOT to determine project ownership
- Construction contract let is anticipated May 2018

**U-5534E - TOWN OF CAROLINA BEACH - ISLAND GREENWAY AND HARPER AVENUE**

**Project Descriptions/Scope:** This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. The Town desires to combine the project with the awarded 2014 STP-DA project. Contract documents have been approved and are being finalized for advertisement. Initial funding has been approved by the Board and FHWA.

**Next Steps:**

- The Construction fund request for the additional funding is on the BOT agenda for the September meeting
- Anticipated Let Date: October 2017

**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.

**Next Steps:**

- The City received final plans and cost estimate from VHB.
- Technical specs to be submitted to NCDOT for approval
- The City has received the proposed Supplemental agreement from NCDOT for \$240,000
- The City is preparing the Council package for approval of the Supplemental agreement for the September Council Meeting.
- Anticipated Let Date: To be determined once bid package sent to NCDOT

#### **U-5534S (Formerly U-5534M)– Coral Drive Sidewalks**

**Project Descriptions/Scope:** The construction of sidewalks along coral drive will install approximately 954 feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Letters of Interest has closed and the Town has received proposals.

#### **Next Steps:**

- 25% plans have been completed and submitted
- Anticipated Let Date: Summer 2018

#### **U-5534H – 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.

#### **Next Steps:**

- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration. The City is awaiting approval from NCDOT.
- Revised 60% plans anticipated within 5 days following the execution of the amendment.
- Anticipated Let Date of Fall 2018

#### **U-5534G –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

#### **Next Steps:**

- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration. The City is awaiting approval from NCDOT.
- Revised 60% plans anticipated within 5 days following the execution of the amendment.
- Anticipated Let Date of Fall 2018

#### **U-5534K –LELAND MIDDLE SCHOOL SIDEWALK**

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

#### **Next Steps:**

- The Town is currently reviewing the 90% drawings, which will be resubmitted o NCDOT.
- Right of way Certification-TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with "J" project.
- CEI has been selected, but is currently on hold

#### **U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP**

**Project Descriptions/Scope:** The construction of 5 foot wide sidewalks in three locations: along Village Road from Town Hall Drive going southeast to the existing sidewalk in front of the apartment complex, along Town Hall Drive from Village Road NE to the sidewalk currently under construction by the new

Town Hall, and along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE.

**Next Steps:**

- The Leland Town Council approved a scope change at their July meeting
- The Town is currently reviewing 90% drawings, which will be resubmitted to NCDOT.
- Right of way acquisition underway
- CEI has been selected, but is currently on hold

**U-5534I –VILLAGE ROAD MULTI-USE PATH EXTENSION**

**Project Descriptions/Scope:** The construction of a 10 foot wide asphalt multi-use path routed across Perry Ave, behind the library, out to Village Road, down Village Road ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

**Next Steps:**

- The Town is currently reviewing 90% drawings
- 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.
- CEI has been selected, but is currently on hold

**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.

**Next Steps:**

- 90% design plans under review (City/WMPO has submitted comments)
- Design completion anticipated October 2017

**U-5534O Cape Fear Blvd Multi-Use Path-**

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

**Next Steps:**

- Contract documents have been submitted and are under review by NCDOT
- Construction fund request has been submitted for consideration at the September BOT meeting
- Anticipated let date October/November 2017

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

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

**Next Steps:**

- City Survey will provide additional survey regarding the drainage conflicts

- Consultant is providing a revised design scope and schedule based on the drainage issues identified in the 25% plans
- 25 % plans have been submitted to NCDOT for review
- The City anticipates 100 % plan by December 21, 2017

#### **TASA-DA**

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

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

#### **Next Steps:**

- The MPO Board approved an additional \$113,600 in federal funds for the project.
- The City Bike/Ped committee has approved an additional \$28,400 in City matching funds for the project
- A supplemental agreement between NCDOT and City is required for the additional funding, expected to go to Council in September 2017
- Anticipated Let Date: November 2017

#### **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.

#### **Next Steps:**

- NHC selected Davenport for design
- NHC is awaiting confirmation of additional construction funding bid on Red Cedar to Thais Trail before negotiating scope and fee with consultant
- A supplemental agreement between NCDOT and NHC is required to modify the scope and funding

#### **U-5527D HARPER AVE. MULTI-USE PATH**

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

#### **Next Steps:**

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised
- Advertisement of PE Services is anticipated in early fall 2017
- Anticipated let date June 2018

#### **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 established 2 park and

ride lots in Brunswick County and a ridesharing program that began on January 5, 2015. The MPO adopted "Work Cape Fear: Expanding Commuter Options in the Cape Fear Region" TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that if approved would fund a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The Wilmington MPO has hired a full-time TDM Coordinator. Pulsar is continuing to develop branding materials and a marketing plan for the Go Coast.

**Next Steps:**

- Begin development of the Go Coast marketing plan
- Start planning 2017 Commuter Challenge event
- Schedule lunch and learns with area employers to promote Go Coast program
- Partner with large employers to determine vanpool options
- Partner with K-12 schools in WMPO jurisdiction to provide carpool opportunities to parents
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations
- Finalize bike share RFP



## Cape Fear Public Transportation Authority

### Project Update

August 2017

#### REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. The Authority has applied for funding from two nationwide discretionary grant programs from Federal Transit and is pursuing other opportunities including the national Volkswagen settlement. Two replacement shuttle vehicles were delivered in March 2017. Three replacement shuttle vehicles were approved by the Authority in April. Seven replacement paratransit vehicles have been approved for funding. The paratransit vehicles will be ordered and delivered throughout the fall of 2017.
2. **Short Range Transportation Plan** - following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit has begun 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 9 - 12 month 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.  
The consultant team made its kickoff presentation to the Wave Transit board on July 27<sup>th</sup>. The stakeholder group met on July 28<sup>th</sup> with over fifteen agencies represented. The Authority has created a Short Range Transit Plan webpage available at the following URL: <https://www.wavetransit.com/short-range-transit-plan/>. The Authority and its consultants are seeking feedback from the community in a brief survey available at the following URL: <https://www.surveymonkey.com/r/wavetransitSRTP>. The project is expected to be completed in the spring of 2018.
3. **Long Term Funding** - (no significant change) currently, the Authority does not have a dedicated source of local funding. Strategies to meet future revenue requirements will be identified during SRTP development. The Authority has drafted a *Short Range Financial Plan* which was adopted on January 26, 2017. The financial plan findings will be reviewed by the SRTP consultant and included in the final plan. A study regarding long term funding for transit in the region has been requested by the City of Wilmington and

New Hanover County. The request will be included as part of the upcoming short range planning effort.

4. **Shelter Program** - (no significant change) a program to replace and add up to 50 bus shelters and 25 benches at bus stops is underway. Construction of the first eight shelters is complete. Phase two, consisting of 12 shelters and 15 benches has been designed and construction bidding is being prepared. Phase three consisting of three super stops at Independence Mall, Hanover Center, and Monkey Junction is in the engineering and permitting phase.

#### **WMPO SPONSORED PROJECTS**

1. **Pleasure Island Special Appropriation** - an STBGP-DA transfer was approved by the WMPO in 2016 for \$75,000 to support Wave Transit route 301. The project is complete.
2. **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. Hazardous materials abatement and demolition are nearing completion. Stabilization design is complete and a contract was awarded to Monteith Construction on July 27, 2017. Stabilization is contracted to be complete in 65 days. Upon completion of stabilization, renovation will commence with an expected facility dedication to take place in the spring of 2018.
3. **Preventive Maintenance & ADA** - STP-DA funding in the amount of \$351,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is underway and expected to be complete in the second quarter of calendar 2017. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. The allocation does not represent all PM funding to the Authority but will serve to supplement current federal funding. Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In June 2017 the Authority provided 1,711 ADA passenger trips. The period of performance for the project is 07/01/2016 through 06/30/2017.
4. **Preventive Maintenance & ADA** - (no change) STBGP-DA funding in the amount of \$510,778 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is in process. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The

preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region.

Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. The period of performance for the project is 07/01/2017 through 06/30/2018.

5. **Replacement CNG Buses** - In February 2017 the WMPO appropriated \$372,000 in FHWA funding for two replacement CNG buses. The Authority has a contract for the vehicles with Gillig, LLC. On June 22, 2017 the Authority awarded a purchase order for the two buses. A pre-production meeting was held on July 24, 2017 and the bus build is being finalized. A preliminary delivery date has been scheduled for February 19, 2018.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

August 9, 2017

**WMPO Project Update List**  
**Projects Under Construction**

**Contract C203922: Greenfield Lake:** Realign and upgrade intersection at SR 1436/US 421 and SR 1140 (Burnett Blvd.) south of Willard Street.

Contractor has completed water line and sewer line relocations for proposed culvert.

Contractor has installed temporary diversion pipes, and installing temporary shoring.

Contractor has begun Phase I of demo.

Contractor shut down 3<sup>rd</sup> Street and Burnett Blvd. on April 11<sup>th</sup>. Contract allows Contractor to close road until Mid-December.

Contractor: Mountain Creek Contractors Inc.

Bid Amount: \$3,156,247.36

Estimated Completion Date: December 2017

**Percent Complete: 61.1%**

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

Open to traffic on November 2017. Project is currently on schedule.

Contractor: Barnhill Contracting

Estimated Completion Date: May 2018

**Percent Complete: 76.7%**

**R-2633 BB – (Wilmington Bypass: Bridge over Cape Fear River: C203198)** construct a 4-lane divided highway from SR 1430 (Cedar Hill Road) to US 421 (where I-40 currently ends in New Hanover County...this includes the large bridge over the Cape Fear River).

Open to traffic on November 2017. Project is currently on schedule.

Contractor: Balfour Beatty Infrastructure

Estimated Completion Date: June 2018

**Percent Complete: 88.7%**



**R-3324 – (Long Beach Road Extension: C202155)** construct a 2-lane, 2-way roadway from NC 133 (near Jump & Run Creek) to NC 87. Most of this roadway will be on new location.

Contractor: Balfour Beatty Infrastructure

Bid Amount: \$22,082,124.13

Waiting on Final Estimate

**Percent Complete: 100%**

**B-5103: (C203540)** replace bridge #35 over the abandoned railroad on SR 1627 (3<sup>rd</sup> Street), in Wilmington.

Bid Amount: \$4,640,453.87

**Percent Complete: 99.9%. Waiting on final estimate.**

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

Multi-Use path at Kerr Ave. and Randall Prkwy. is paved.

Mast arm for traffic signal has been installed at Kerr Ave. and Randall Prkwy.

Currently grading from Emerson Street to Market Street (left side of project).

Intermediate asphalt layer, curb & gutter, and sidewalk have been installed from the beginning of the project to Greenway Ave. (both sides of the road).

Contractor: Sealand Contractors Corp.

Bid Amount: \$22,000,000.58

Estimated Completion date: November 2018

**Percent Complete: 45.0%**

#### **Wrightsville Avenue (EB-4411C: DC00119):**

Widen for bike lanes on SR 1411 (Wrightsville Ave.) from Huntington Ave. to US 76 (Oleander Drive). Pavement markings have been placed.

Contractor: Highland Paving Company

Bid Amount: \$1,540,740.05

**Percent Complete: 100.0%. Waiting on Final Estimate**

**B-4929: (C203789) Bridge @ Surf City NC 50/210** - replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure. All foundation piles were driven before April 1<sup>st</sup>. Contractor placing concrete for columns and bent cap.

Contractor: Balfour Beatty Infrastructure

Bid Amount: \$53,651,508.35

Estimated Contract Completion Date November 2020

**Percent Complete: 30.0%**

## Future Projects

**\*R-3300B: US 17 Hampstead Bypass:** Construct a four and six-lane divided roadway on mostly new location from NC 210 to Sloop Point Loop Road. **R-3300B currently funded in DRAFT 2018-2027 STIP.**

**ROW and Utilities: FY 2018 – FY 2020.**

**Let date for construction: FY 2020.**

### **U-5732: Hampstead Median Project: US 17 (Ocean Highway in Hampstead)**

Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). Median project has been combined with Hampstead Bypass to accelerate the completion of the Bypass.

**Let Date September 2020**

**R-3300B:** project may be accelerated to build and open two lanes of the Bypass for use as a detour during the median project construction.

**Dan Owen Drive connector to Factory Road:** Roadway being constructed to alleviate traffic volume off of Hampstead Median Project while being built and to reduce the number of vehicle crashes. Currently staking ROW. NCDOT to construct connector road.

**R-3300A: US 17 Hampstead Bypass:** Construct a four lane divided roadway from NC 210 to I-140 south of Hampstead. **Currently unfunded section of Hampstead Bypass.**

**B-5236:** replace bridge #19 over Lords Creek on SR 1100 (River Road)

**Let Date September 2017**

**U-4751: Military Cutoff Road Extension:** extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass.

West of US 17 Business (Market Street) to US 17 Business (Market Street) SR 1403 (Middle Sound Loop Road).

Realignment of Lendire Road currently under construction by NCDOT.

Construction forecasted from FY2017 - FY2021

**Let Date October 2017**

**R-5021:** widening of NC 211 from NC 87 to SR 1500 (Midway Road) to a 4-lane divided facility.

**Let Date June 2018**

**U-4902 C&D: US 17 Business (Market Street)** construct a “superstreet” (median) from SR 2734 (Marsh Oaks Drive) to Lendire Drive & from Station Road to US 74 (MLK Parkway/Eastwood Road).

**Let Date October 2018**

**B-4590:** replace bridge #29 over Smith Creek on NC 133 (Old Castle Hayne Road)  
**Let Date December 2018**

**U-5710: US 74 (Eastwood Road)** from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway.  
**Let Date July 2021**

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

**U-5790: US 421 (Carolina Beach Road)** widen existing US 421 from Sanders Road to NC 132 (College Road) and construct fly-overs at Monkey Junction intersection  
**Design Build Selection Date January 2020**

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

**R-5701: US 117 Business (Intersection of N. Walker Street and E. Wilmington Street)**  
Construct roundabout.  
**Let Date for construction: FY 2020**

**U-5732: US 17 (Ocean Highway in Hampstead)**  
Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). **Note: Will be built in conjunction with Hampstead Bypass.**  
**Let Date September 2020**

**U-5734: US 421 (South Front Street)**  
Widen to mulit-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)  
**Let Date September 2023. Right of Way and Utilities Let 2021**

**U-5710: US 74 (Eastwood Road)** construct an interchange at the at-grade intersection of SR 1409 (Military Cutoff Road) & US 74 (Eastwood Road)  
**Let Date January 2022**

**FS-1503A: Feasibility Study US 17 Bus. (Market Street)** study the at-grade intersection of US 17 Business (Market Street), US 74 (MLK Parkway) & US 74 (Eastwood Road) for installment of an interchange.

Feasibility Study in progress.

**FS U-5734: Feasibility Study S. Front Street** study the widening of S. Front Street from the intersection of Burnett Blvd. and US 421 (Carolina Beach Road), to Dawson Street.

Environmental Assessment in progress.

**FS-1003B: Feasibility Study US 421 (Carolina Beach Road)** study the widening of roadway from Sanders Road to NC 132 (College Road).

Feasibility Study in progress.

### Resurfacing Contracts - New Hanover County

**Mill & resurface the following primary routes in New Hanover County: 2017CPT.03.07.20651.  
DC00172**

**SR 1318 (Blue Clay Rd.)** – from radius at intersection of SR 1322 (Kerr Ave.) to pvmt seam at US 117. 2.89 miles.

**SR 1324 (Sheridan Dr.)** – from NC 133 to SR 1325 (Long Leaf Drive).

**SR 1325 (Long Leaf Dr.)** – from SR 1326 (Laurel Drive) to SR 1358 (Holland Drive).

**SR 1326 (Laurel Dr.)** – from SR 1358 (Holland Drive) to dead end.

**SR 1332 (Chair Rd.)** – from NC 133 west on NC 133.

**SR 1382 (Garden Place Dr.)** – from NC 132 to SR 1387 (Hyacinth Ave.)

**SR 1383 (Wedgewood Rd.)** – from SR 1382 (Garden Place Dr.) to dead end.

**SR 1387 (Hyacinth Ave.)** – from SR 1382 (Garden Place Dr.) to dead end.

**SR 1668 (Balsam Dr.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1668 (Balsam Dr.).

**SR 1669 (Darley Ln.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1686 (Royal Oak Dr.).

**SR 1686 (Royal Oak Dr.)** – SR 1492 (Myrtle Grove Rd.) to SR 1667 (Hickory Knoll Dr.).

**SR 2071 (Arlene Dr.)** – from NC 133 to end of maintenance.

**SR 2181 (Blue Clay Rd. / Dairy Farm Rd.)** – from SR 1002 (Holly Shelter Rd.) to SR 1336 (Sidbury Rd.).

**SR 2199 (Creekstone Ln.)** – from SR 1335 (Parmele Rd.) to end of maintenance.

**SR 2200 (Plum Tree Lane)** – from SR 2199 (Creekstone Ln.) to end of maintenance.

**SR 2501 (Access Rd. to Monkey Jct.)** – from US 421 to US 421.

**SR 1322 (Murrayville Rd.)** – from SR 2234 (Brittany Rd.) to SR 2691 (Retriever Dr.).

**SR 2313 (Wilshire Blvd.)** – from west of SR 1175 (Kerr Ave.) to east of Rosemont Ave.

**SR 1400 (Flutch Creek Rd./Champ Davis Rd.)** – from south of SR 2845 (Market Street) to SR 1491 (Porters Neck Rd.).

**SR 2652 (Northchase Pkwy. NE)** – from US 117 to cul-de-sac

Let Date Spring: 2017

Estimated Completion Date: November 2017

**Percent Complete: 43.9%**

**Mill & resurface the following primary routes in New Hanover County:**

- US 421 (Carolina Beach Road)** – from 0.26 miles south of Independence Blvd. (non-system portion) to west of Lake Shore Drive (non-system)
- US 117 Northbound Lanes (Shipyard Blvd)** – from US 421 to 0.05 miles east of US 421 (Carolina Beach Road)
- US 117 Southbound Lanes (Shipyard Blvd)** – from 0.20 miles east of US 421 to US 421 (Carolina Beach Road)
- US 421 Southbound Lanes (South 3<sup>rd</sup> Street)** – from US 76 (Dawson Street) to Greenfield Street (non-system)
- US 421 Northbound Lanes (South 3<sup>rd</sup> Street)** – from Greenfield Street (non-system) to US 76 (Dawson Street)
- US 17 Business (South 3<sup>rd</sup> Street)** – from US 76 eastbound lanes to US 76 westbound lanes.

**Mill & resurface the following secondary routes in New Hanover County:**

- SR 1218 (16<sup>th</sup> Street)** – from US 76 westbound lanes (Wooster Street) to US 76 eastbound lanes (Dawson Street)
- SR 1371 (16th St.)** - from Grace Street (non-system) to US 17 Business (Market Street)
- SR 2816 (16th St.)** - from US 17 Business (Market Street) to US 76 westbound lanes (Wooster Street)
- SR 1301 (17<sup>th</sup> Street)** - from US 17 Business (Market Street) to Grace Street (non-system)
- SR 2817 (17th Street)** - from US 76 eastbound lanes (Dawson Street) to US 17 Business (Market Street)
- SR 1411 (Wrightsville Avenue)** - from Dawson Street Extension (non-system) to SR 1209 (Independence Blvd.)

**Resurface the following secondary routes in New Hanover County:**

- SR 2699 (Amsterdam Way)** - from SR 2700 (Old Dairy Rd.) to SR 2048 (Gordon Rd.)
- SR 2701 (Antilles Ct.)** - from SR 2698 (Netherlands Dr.) to end maintenance
- SR 2698 (Netherlands Dr.)** - from SR 2048 (Gordon Rd.) to SR 2700 (Old Dairy Rd.)
- SR 2700 (Old Dairy Rd.)** - from US 17 Bus. (Market St.) to SR 2699 (Amsterdam Way)
- SR 2220 (Windmill Way)** - from SR 2219 (N. Green Meadows Dr.) to SR 2700 (Old Dairy Rd)
- SR 2183 (Spring Rd)** - from NC 133 (Castle Hayne Rd.) to SR 2184 (Fairfield Rd.)
- SR 2184 (Fairfield Rd.)** - from SR 2183 (Spring Rd) to SR 1318 (Blue Clay Rd)

**Widen & resurface following routes in New Hanover County:**

- SR 1940 (Covil Farm Rd)** - from SR 1409 (Military Cut-Off Rd) to SR 1916 (Red Cedar Rd)
- SR 2717 (Torchwood Blvd.)** - from US 17 Bus. (Market St.) to SR 2718 (Beacon Dr.)
- Mill & resurface a section & just resurface another section of SR 1363**

**(Bayshore Dr.)** from US 17 Bus. (Market St.) to SR 1393 (Biscayne Dr.)

**New Hanover:**

- I-40 – milling & resurfacing from Gordon Road interchange to NC 210 interchange
- I-40 – milling & resurfacing from US 117 interchange to mile post 393 (approximately 3.5 miles east of US 117 interchange)

**No activity to report to date**

**New Hanover County: Resurfacing Contract: C203868, I-5760**

**I-140 (Wilmington Bypass)** resurface from I-40 to US 421 & reconstruction of bridge approaches, joint repair & signals.

Contractor: Barnhill Contracting Company

Estimated Contract Completion Date August 2017

**Percent Complete: 23.4%**

**New Hanover County: Resurfacing Contract: 2017CPT.03.01.10651; C203888**

**US 117/NC 132 (College Road)** from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)

**WBS #36249.3622** City of Wilmington signal plan modifications & work to install pedestrian upgrades at the intersection of US 117/NC 132 (S. College Road) and SR 2313 (Wilshire Blvd) to US-17 Business.

**Includes safety projects:**

**W-5203AA** construct offset left turn lanes on College Road & Hurst/Hoggard Drive upgrade pedestrian facilities to high visibility crosswalks w/ countdown pedestrian heads. Extend sidewalk to connect with existing sidewalk.

**W-5601BB** install high visibility crosswalks & push button pedestrian signals at the intersection of College Road & New Center Drive.

Contractor: Barnhill Contracting Company

**Percent Complete: 26.8%. Estimated Contract Completion Date: February 2018**

**New Contract: New Hanover County: Resurfacing Contract: 2018CPT.03.04.10651; C203888**

**US 76 E. & W., US 421 (3) + NC State Port.**

**No activity to report to date**

**Resurfacing Projects - Brunswick County**

**Resurfacing Contract: C203923, 2017CPT.03.06.10101 & 2017CPT.03.06.20101**

**Brunswick County primary routes: 1 Section of US 74/US 76, 2 Sections of NC 87, NC 179, NC 904/179, and 41 Sections of secondary roads.**

Contractor has started widening on 74/76, and starting to mill and fill on 74/76.

Contractor is close to completing mill and fill in Calabash at Beach Drive SW.

Estimated Completion Date: December 2017

**Percent Complete: 44.5%**

**Resurfacing Contract: I-5357, C203630, WBS #46176.3.FS1, Brunswick County secondary routes:**

**SR 1104 (Beach Drive)** – patching, milling, resurface & leveling from beginning of curb & gutter section to end of SR 1104

**SR 1828 (Kings Lynn Drive)** – patching, mill & resurface from SR 1104 (West Beach Drive) to SR 1828

**SR 1401 (Galloway Road)** – resurface from US 17 to SR 1402 (Randolphville Road)

**SR 1435 (North Navassa Road)** – patching, mill & resurface from SR 1472 (Village Road Northeast) to SR 1432 (Old Mill Road Northeast)

**SR 1430 (Cedar Hill Road)** – patching, mill & resurface from SR 1435 (North Navassa Road) to 0.58 miles south of SR 1431 (Royster Road Northeast)

**SR 1430 (Cedar Hill Road)** – patching, mill & resurface from 0.54 miles north of SR 1431 (Royster Road Northeast) to SR 1426 (Mount Misery Road)

Contractor: S.T. Wooten

**Percent Complete: 100.0%. Waiting on final estimate**

**Resurfacing Contract: DC00117, Brunswick County:**

**NC 87/NC 133 (River Road)** resurfacing from project limits of R-3324 (Long Beach Road Extension) to SR 1526 (Jabbertown Road)

**SR 1100 (Caswell Beach Road)** milling & resurfacing from SR 1190 (Oak Island Drive) to end of system

**SR 1101 (Fish Factory Road)** resurfacing from NC 133 (Long Beach Road) to end of system

**SR 1194 (West Street)** resurfacing from NC 211 to end of system, in Southport

**SR 1209 (9<sup>th</sup> Street)** resurfacing from NC 211 to end of system, in Southport

**SR 1210 (Old Bridge Road)** resurfacing from NC 133 (Long Beach Road) to end of system

**SR 1526 (Jabbertown Road)** resurfacing from NC 87 to SR 1527 (Leonard Street), in Southport

**SR 1528 (Moore Street)** resurfacing from NC 211 to end of system, in Southport

Contractor: Highland Paving Company

**Percent Complete: 100%. Waiting on final estimate**

**Resurfacing Contract: 2016, C203760, Brunswick County:**

**US 17 NBL & SBL** resurfacing from NC 904 to South Carolina line

**SR 1139 (Seashore Road)** resurfacing from NC 130 (Holden Beach Road) to

**SR 1137 (Boones Neck Road)**

**SR 1184 (Ocean Isle Beach Road)** resurfacing from US 17 to NC 904/179

**SR 1241 (Milliken Avenue)** resurfacing from

**SR 1242 (Beach Drive)** resurfacing from NC 179 Bus. to end of the system

**SR 1940 (Claremont Drive)** resurfacing from SR 1941 (Stratford Place) to end of the system

**SR 1941 (Stratford Place)** resurfacing from SR 1943 (Country Club Drive) to SR 1940 (Claremont Drive)

**SR 1942 (Bruce Lane)** resurfacing from SR 1941 (Stratford Place) to

SR 1944 (Deep Branch Road)  
**SR 1944 (Deep Branch Road)** resurfacing from SR 1942 (Bruce Lane) to SR 1940 (Claremont Drive)  
**SR 1813 (Pinewood Drive)** resurfacing from SR 1950 (Camelia Drive) to end of system  
**SR 1943 (Country Club Drive)** resurfacing from SR 1949 (Brierwood Road) to SR 1941 (Stratford Place)  
**SR 1949 (Brierwood Road)** resurfacing from SR 1943 (Country Club Drive) to Shallotte City Limits  
**SR 1950 (Camelia Drive)** resurfacing from SR 1141 (Kirby Road) to SR 1813 (Pinewood Drive)  
**SR 1951 (Driftwood Acres Drive)** resurfacing from SR 1950 (Camelia Drive) to end of the system  
**SR 1952 (Myrtlewood Drive)** resurfacing from SR 1950 (Camelia Drive) to end of the system

**Percent Complete: 100%**

**New Contract: Resurfacing Contract: WBS: 2018CPT.03.03.10101, Brunswick County**  
US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.  
**No activity to report to date**

- Changes to Project Update List made August 2, 2017

If you have any questions, please contact Alan Pytcher at the Division 3 Office:  
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