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

Wilmington Urban Area Metropolitan Planning Organization
Board
Meeting Agenda

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: January 23, 2019
SUBJECT: January 30th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, January 30th at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

1) Call to Order
2) Conflict of Interest Statement
3) Approval of Board Member Excused Absences
4) Approval of the Agenda
5) Public Comment Period
6) Election of Officers
7) Presentation
    a. Recognition of former MPO Board member Skip Watkins
    b. Wilmington Urban Area MPO 2045 Travel Demand Model- Nazia Sarder, NCDOT
    c. Wave Transit's Short-range Transit Plan- Albert Eby, Cape Fear Public Transportation Authority
8) Consent Agenda
    a. Approval of Board Meeting Minutes- November 28, 2018 (p. 3-9)
    b. Resolution adopting WAVE Transit's Short-range Transit Plan (p. 10)
    c. Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #18-9 (p. 11-12)
9) Regular Agenda
    a. Opening of the 30-day Public Comment Period for the FY 2020 Unified Planning Work Program (p. 13-31)
    b. Resolution approving the Cape Fear Moving Forward 2045 Proposed Modal Project Lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway (p. 32-43)

10) Discussion
    a. Snug Harbour/Windsor Park
    b. Transportation Alternatives Set Aside- Direct Attributable (TASA-DA) Call for Projects
    c. Wilmington Urban Area MPO 2019 Legislative Agenda (p. 44)
    d. 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-1 (p. 45)
    e. Draft 2020-2029 State/MPO Transportation Improvement Program (p. 46-68)
    f. Calendaring of Agenda Items for Board Action
11) Updates
    a. Crossing over the Cape Fear River (p. 69)
    b. Wilmington Urban Area MPO (p. 70-77)
    c. Wilmington Rail Re-alignment (. 78-79)
    d. Cape Fear Public Transportation Authority (p. 80-81)
    e. NCDOT Division (p. 82-91)
    f. NCDOT Transportation Planning Division (p. 92-94)
12) Announcements
    a. WMPO Bicycle and Pedestrian Advisory Committee- February 12th
    b. NC Ethics Information Due- April 15th
13) Closed Session
14) Next meeting – February 27, 2019

Attachments

- Board Meeting Minutes- November 28, 2018
- https://www.wavetransit.com/short-range-transit-plan/
- Resolution adopting WAVE Transit's Short-range Transit Plan
- Proposed 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #18-9
- Resolution approving 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #18-9
- Draft FY 20 Unified Planning Work Program
- Draft Cape Fear Moving Forward 2045 Proposed Modal Project Lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway
- Resolution approving the Cape Fear Moving Forward 2045 Proposed Modal Project Lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway
- Draft Wilmington Urban Area MPO 2019 Legislative Agenda
- 2018-2027 STIP/MPO Transportation Improvement Program Administrative Modification #19-1
- Draft 2020-2029 State/MPO Transportation Improvement Program for the Wilmington Urban Area
- Cape Fear River Crossing Update (January)
- Wilmington MPO Project Update (January)
- Wilmington Rail Re-alignment (December)
- Cape Fear Public Transportation Authority Update (January)
- NCDOT Division Project Update (January)
- NCDOT Transportation Planning Division Project Update (January)

WILMINGTON URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, November 28, 2018

Members Present
David Piepmeyer, Pender County
Jonathan Barfield, Cape Fear Public Transportation Authority
Steve Shuttleworth, Town of Carolina Beach
John Ellen, Town of Kure Beach
Hank Miller, Town of Wrightsville Beach
Skip Watkins, New Hanover County
Mike Forte, Brunswick County
Eulis Willis, Town of Navassa

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

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

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

3. **Approval of Board Members' Excused Absences**
   Mr. Kozlosky stated that Ms. Batleman, Mr. Rivenbark, Mr. Alford and Mr. Anderson have requested to be excused from today's meeting.

   Mr. Willis made a motion to excuse the absences of Ms. Batleman, Mr. Rivenbark, Mr. Alford and Mr. Anderson. Mr. Watkins seconded the motion, and it carried unanimously.

4. **Approval of the Agenda**
   Mr. Barfield made a motion to approve the agenda, seconded by Mr. Ellen, and the motion carried unanimously.

5. **Public Comment Period**
   Mr. Buddy Martinette, 7001 Long Boat Circle, spoke to the Board and expressed concerns regarding a feeder road to Military Cutoff Road, which is visible four feet above the six-foot privacy fence in his backyard. He noted that his neighborhood did not qualify for a sound wall and that the vegetative buffer has been removed. He added that he is advocating for another sound study and requested support for a 1,000-foot barrier (sound, berm or vegetative) to protect impacted residents of Snug Harbour and Covil Crossing.

   Mr. Watkins affirmed that an impact exists.

   Ms. Collette stated that the sound measurements were taken during the spring and noted that she is asking for a winter study. She noted that a vegetative buffer would not be objectionable; although NCDOT would need to partner with the city for it.

6. Presentations

a. Cape Fear Moving Forward 2045 Public Input Results

Mr. Madsen gave an overview of trends in public comments from four months of public input on the Cape Fear Moving Forward 2045 Plan. He noted that survey responses numbered 2,287, and that the map generated 1,905 hits (averaging 15.5 per day) with 563 comments and more than 4,554 votes on comments. Responses totaled 7,400, surpassing public outreach for the last plan.

Mr. Madsen stated that Roadway led in comments (267), and Bicycle/Pedestrian led in votes (2,347). He gave an overview of the usage timeline, which showed that the kick-off event, open houses, media interviews, e-mail blasts and social media posts generated the most responses. Trends for comments in each of the modes included the following:

- Roadway: 1) Signage and signaling; 2) traffic and road widening, and 3) intersection improvements (potential roundabouts).
- Bicycle/Pedestrian: 1) Safety; 2) crosswalks; 3) new facilities such as bike paths. (Many similar comments were made in the same areas.)
- Public Transportation: Concentration of comments for downtown. Trends included 1) light rail, and 2) beach and tourism connectivity.
- Ferry: 1) Leland ferry; 2) high-speed ferry, and 3) multi-modal connections to the ferry.
- Freight/Rail: Light rail and Amtrak comments were transferred to the Public Transportation mode.
- Aviation: 1) Connection to Raleigh-Durham International Airport (RDU); and 2) additional airline services (Wilmington International Airport (ILM)).

In response to concerns expressed by Mr. Watkins, Mr. Kozlosky stated that the plan would concentrate on projects to enhance ILM. Mr. Madsen clarified that most of the comments involved flight connections from ILM to RDU.

Mr. Madsen stated that the overarching trends were safety and better interconnectivity between all modes of transportation. To help identify projects, the results were organized into categories by type and mode and compared to those included in existing plans. Duplicates, complaints, maintenance items, and policies were separated from projects, which were then sorted by mode and provided to the modal subcommittees for consideration. He noted that the comments and a new map have been posted at www.CapeFearMovingForward2045.org.

b. North Carolina Department of Transportation Project Development and Merger Process

Mr. Chad Kimes gave an overview of NCDOT's Project Development and Merger Processes to clarify the alternative selection process. Key factors in determining the final alternate include purpose and need, environmental impacts, property impacts, traffic data (level of service), public input, benefit versus cost, growth in an area, and constructability. Key stakeholders throughout the process include NCDOT, MPO, city, county, environmental agencies, design firm and public input. He noted that

projects are identified from NCDOT and MPO long-range plans and put into prioritization.

Mr. Piepmeyer pointed out that the county or municipality first identifies many of these projects.

Mr. Kimes stated that although the prioritization process to pick up funding is two or more years; projects may date back 20 or 30 years.

Mr. Piepmeyer requested that this presentation be made available electronically to Board members. Mr. Kozlosky responded that it would.

Mr. Kimes stated that after a project has been identified for funding, a scoping meeting is held by DOT with MPO, and the city or county to identify the project's purpose and need, establish the limits, get deeper into environmental issues, set tentative public meeting dates, consider bike/pedestrian accommodations, aesthetics, landscaping, and develop a draft schedule. He noted that environmental analysis and planning greatly affect the timeline and are the first priority of scoping.

Mr. Kimes stated that environmental discussions begin by determining if a project is merger (three years or more) or non-merger (12 months or quicker). Merger projects are new locations such as the Cape Fear Crossing, Hampstead Bypass, and Military Cutoff Road extension. Most non-merger projects are in urban settings that have fewer environmental impacts, such as College Road, Market Street and the interchange projects in the region. He gave a brief overview of events that trigger merger projects such as wetland impacts of one acre or greater, and stream impacts of 500 feet or greater. Both merger and non-merger projects go through a system starting at scoping and progressing through alternatives, which are chosen at 15%. The rest of the process now continues simultaneous to design to expedite the timeframe.

Mr. Piepmeyer pointed out that this is a lengthy and complex process with many opportunities for public input.

Mr. Kimes stated that most of the work occurs between scope and 15% to present the most viable alternatives at the first public meeting. He emphasized the importance of attendance at the local elected officials meetings. He noted that the entire DOT staff is present at the first meeting and available to address questions. He added that a 30-day public comment period precedes the meeting of the alternate selection committee, which does not recess until agreement is reached on the best alternate. He gave several examples of the impact of public input on the alternate selection process.

A lengthy question/answer and discussion period was held.

Mr. Miller expressed concerns regarding changes that impact property owners. He commented that although the public meetings are well planned and participated in, the outcome for Military Cutoff Road/Eastwood Road was unexpected.

Mr. Forte commented that the NC 211/US 17 interchange process effectively addressed concerns of the public.

Mr. Kimes pointed out that hydraulics can be problematic.

Mr. Kozlosky inquired about returning to the public after hydro and before right-of-way acquisition (at 75%) instead of earlier (at 65%).

Ms. Collette expressed concerns regarding the importance of understanding this process and the opportunities for input.

Mr. Piepmeyer concurred and expressed a desire for this presentation to be given with greater frequency, especially to new Board members.

Ms. Collette invited members to attend this concurrence point for the Cape Fear Crossing, to go through an entire project merger at least once, and to attend DOT meetings regarding projects of particular interest.

Mr. Piepmeyer stated that as another resource, DOT accommodates requests from the jurisdictions for information/presentations.

Mr. Kozlosky stated that this presentation would be included in the new member orientation, and would be given every few years.

7. **Consent Agenda**
   a. **Approval of Board Meeting Minutes – October 31, 2018**
   b. **Resolution endorsing the North Carolina Department of Transportation's Statewide Safety Targets for the Wilmington Urban Area Metropolitan Planning Organization**
   c. **Resolution approving 2018-2027 STIP/MPO TIP Administrative Modification #18-8**
   d. **Resolution adopting the 2019 Wilmington Urban Area Metropolitan Planning Organization Meeting Schedule**

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

8. **Regular Agenda**
   a. **Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's Division Needs Tier Local Input Point Assignment for Prioritization 5.0**

Mr. Kozlosky stated that no comments were received during the 14-day public comment period opened at the Board's last meeting. He noted that this proposal would deploy the most capital using local input points for this region. Both staff and the Technical Coordinating Committee (TCC) recommend approval. He advised the Board that this submission is due tomorrow and requested that action be taken today.

Mr. Watkins made a motion to approve the Resolution approving the Wilmington Urban Area Metropolitan Planning Organization's Division Needs Tier Local Input Point Assignment for Prioritization 5.0, seconded by Mr. Forte, and the motion carried unanimously.

   b. **Resolution approving the Cape Fear Moving Forward 2045 Goals and Objectives**

Ms. Lorenzo stated that the Citizens Advisory Committee (CAC) has tasked the modal subcommittees with developing goals and objectives for the Cape Fear Moving Forward 2045 Plan. She reminded the Board that the subcommittees are comprised of

subject matter experts for each of the modes, who have worked tirelessly over the past few months to develop the goals and objectives as a map to the future of transportation in the region. She added that the goals and objectives will also form a foundation of scoring criteria for the projects and policies of the plan.

Mr. Kozlosky stated that that the TCC recommended that staff make two slight modifications as follows:

1) Remove "roundabouts" from bicycle/pedestrian safety considerations; and
2) Relocate the word "appropriate" from the beginning of a sentence to the end of it to modify corridors instead of bicycle/pedestrian facilities.

Mr. Watkins made a motion to approve the Resolution approving the Cape Fear Moving Forward 2045 Goals and Objectives, seconded by Mr. Forte, and the motion carried unanimously.

c. Resolution adopting the 2018 Congestion Management Process Biennial Report

Ms. Lorenzo stated that the MPO was designated as a Transportation Management Area (TMA) and adopted a Congestion Management Process (CMP) in 2013. The CMP established performance measures that require the MPO with collecting data and developing a biennial report to measure the efficiency of the transportation network based on those measures. She noted that the data collected during the past two years has remained relatively unchanged regarding delay and safety. She explained that many of the proposed safety mitigation techniques are still under development and will take a few years for improvements to be realized.

Mr. Shuttleworth made a motion to approve the Resolution adopting the 2018 Congestion Management Process Biennial Report, seconded by Mr. Miller, and the motion carried unanimously.

9. Discussion

a. INFRA Grant

Ms. Lorenzo stated that before the end of this year, staff expects a call for projects for the Infrastructure For Rebuilding America (INFRA) Grant with $950 million available for surface transportation projects. Last year, the MPO applied to upgrade US-74 in Brunswick County to interstate standards. Neither staff nor the TCC has been able to identify rail or roadway projects with an emphasis on freight that could be shovel-ready within 18 months of being awarded this money. She reminded members that the MPO is eligible to apply for this grant and that a call for projects is anticipated.

Mr. Kozlosky stated that NCDOT will be submitting an INFRA Grant application to upgrade Interstate-40 and Interstate-95, which experienced flooding as a result of Hurricane Florence. The Secretary visited earlier this week and spoke about plans to improve I-40. Mr. Kozlosky recommended that the Board consider supporting the state in their efforts to secure funding. He noted that something would be brought forward to the Board at the time the call is made.

In response to an inquiry by Mr. Forte, Mr. Kozlosky stated that DOT intends to use FEMA funds to address US 421.

Mr. Piepmeyer stated that DOT is discussing elevating long portions of I-40 and I-95. He estimated that the I-40 and I-95 project would cost $110 million.

b. TASA Call for Projects

Ms. Kimes stated that the call for Transportation Alternatives Set Aside (TASA) projects was issued on November 15th with pre-application review ending December 18th and a submittal deadline of 5:00 p.m., January 25th. So far, one jurisdiction has shown interest.

c. Military Cutoff Road Extension- Snug Harbour

Mr. Kozlosky reminded the Board that a number of public comments were received at the Board's last meeting regarding the Military Cutoff Road Extension and the new connection between Market Street and Military Cutoff Road, which Mr. Martinette also spoke about during the public comment period earlier today. He added this discussion was added to today's agenda at the request of the Board.

In response to inquiries by Mr. Shuttleworth, Ms. Collette responded that a noise wall cannot be installed where unwarranted. She suggested that one might be installed by encroachment. However, they are expensive and she knows of none being installed by private citizens. She expressed concerns that the trees have been removed although NCDOT agreed to minimize their removal three of four years ago.

Mr. Kozlosky stated that in the past, the Board requested that the state review its noise policy for a similar situation (Windsor Park). He noted that the date of public knowledge was so far in advance of the development that it became an issue. He added that the state has not revised its noise policy to his knowledge.

Ms. Collette stated that at the end of a project, enhancement funds become available. She noted that the noise study might be done again in the winter.

Mr. Shuttleworth expressed concerns regarding a noise study being conducted before there is traffic.

Ms. Collette responded that the noise study is guided by a 165-page document to account for it. She added that she can only request another study; not guarantee one.

Following further discussion, Mr. Miller made a motion to direct the Executive Director to draft a letter requesting that the state re-evaluate its noise analysis and the Chairman to review and sign it. Mr. Ellen seconded the motion and it carried unanimously.

In response to concerns expressed by Mr. Barfield, Mr. Piepmeyer requested that staff consider a process for escalating matters outside its jurisdiction.

d. 2018-2027 STIP/MPO TIP Administrative Modification #18-9

Mr. Kozlosky stated that this item is for informational purposes only and would come back to the Board for consideration at its next meeting.

9. Updates

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

10. Announcements

- WMPO Bicycle and Pedestrian Advisory Committee Meeting: December 4th
- The next WMPO Board Meeting: January 30th

The Board expressed appreciation to Mr. Watkins for his service as a Board member.

Mr. Ellen stated that Military Ocean Terminal Sunny Point (MOTSU) will hold two public information meetings next week regarding its joint land use study.

11. Adjournment

With no further business, the meeting was adjourned at 4:27 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION ADOPTING WAVE TRANSIT'S SHORT-RANGE TRANSIT PLAN

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

WHEREAS, the Cape Fear Public Transportation Authority also known as WAVE Transit provides public transportation services in the Cape Fear region; and

WHEREAS, the previous Short Range Transit Plan was completed for WAVE Transit in 2012 with recommendations for keeping pace with the region's growth and making transit services as effective as possible; and

WHEREAS, many of these recommendations from the previous plan have been implemented and this new plan is designed to make new recommendations for implementation over the next 5 years; and

WHEREAS, the study identifies the markets for transit services, evaluates the effectiveness of the existing transit service, and provides recommendation for the improvement and redesign of services over the next 5 years; and

WHEREAS, the Short-Range Transit Plan includes recommendations that incorporate all of the challenges and trends, and designs creative solutions that can integrate emerging travel options with public transit in the Cape Fear Region and make the most effective use of WAVE Transit's resources.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts WAVE Transit's Short Range Transit Plan.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 30, 2019.

_____

, Chair

_____

Mike Kozlosky, Secretary

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 18-9
(November 2018)

* U-3338C NEW HANOVER PROJ.CATEGORY REGIONAL	SR 1175 (KERR AVENUE), SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). ***COST INCREASE EXCEEDING $2 MILLION AND 25% THRESHOLDS.***		RIGHT OF WAY CONSTRUCTION	FY 2019 - $3,912,000 (STBG) FY 2020 - $20,500,000 (STBG) $24,412,000
* SR-5001 STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS. ***ADD CONSTRUCTION IN FY 19 NOT PREVIOUSLY PROGRAMMED.***	STATEWIDE PROJECT	CONSTRUCTION	FY 2019 $500,000 (SRTS) $500,000

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING ADMINISTRATIVE MODIFICATION #18-9 TO THE 2018-2027 STATE /MPO TRANSPORTATION IMPROVEMENT PROGRAMS

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the adopted 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #18-9.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2018-2027 State/MPO Transportation Improvement Programs for Administrative Modification #18-9.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 30, 2019.

_____

, Chair

_____

Mike Kozlosky, Secretary

Unified Planning Work Program

Fiscal Year 2020

DRAFT

FY 2020 UNIFIED PLANNING WORK PROGRAM
for the
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TABLE OF CONTENTS

Subject	Page
Table of Contents	2
Introduction	3
Narrative of Section 104(f) Work Tasks to be Performed in FY 20	4
Tables of UPWP FTA Section 5303 Work Tasks to be Performed in FY 20	8
Planning Work Program Funding Sources FY 20	16
Anticipated DBE Contracting Opportunities for FY 20	17
Resolution of Approval	18
MPO Certification	19

Introduction

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a "cooperative, comprehensive, and continuing…." transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2020. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

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

-Statewide Planning and Research Programs (SPR)-These funds are used by NCDOT to conduct work for the Wilmington Urban Area MPO.

-Federal Highway Administration Section 104(f) Funds-These funds are dedicated to the urban area to perform transportation planning. They require a 20% local match.

-Federal Transit Administration Section 5303 Funds-These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.

-Surface Transportation Program-Direct Attributable Funds- These funds are dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. They require a 20% local match.

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

Narrative of PWP Section 104(f) Work Tasks to be Performed in FY 19
(Primary work to be performed by lead planning agency staff except where noted.)

Line Item Code

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

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

II-A3 Street System Changes- No tasks forseen.

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

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

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

II-A7 Air Travel- No tasks forseen.

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

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

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

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

II-A12 Bicycle and Pedestrian Facilities Inventory- Update bicycle suitability assessment of federal-aid functionally classed roadways.

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

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

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

II-B4 Travel Surveys- No tasks foreseen.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

III-A Planning Work Program- Evaluation of FY 2020 PWP and development of FY 2021 PWP.

III-B Transportation Improvement Program- Review and amend the 2018-2027 Transportation Improvement Program on an as needed basis. Adopt and amend the 2020-2029 Transportation Improvement Program. Assist in the development of the 2022-2031 Transportation Improvement Program.

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

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

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

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

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

III-C6 Public Involvement- Extensive Public Participation effort will be carried out to solicit input and gauge public input for planning studies the within the Wilmington Urban Area MPO's planning area boundary including the 2045 Metropolitan Transportation Plan.

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

III-D1 Transportation Enhancement Planning- No tasks forseen.

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

III-D3 Special Studies- Consultant will be contracted to assist in the completion of the Metropolitan Transportation Plan and other special studies as needed.

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

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

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2019
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,200
Section 5303 NCDOT 10%	1,200
Section 5303 FTA 80%	9,600
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2019
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2019
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	400
Section 5303 NCDOT 10%	400
Section 5303 FTA 80%	3,200
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2019
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2019
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2019
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	II-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2019
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	800
Section 5303 NCDOT 10%	800
Section 5303 FTA 80%	6,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100 - Program Support Administration
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2019
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,800
Section 5303 NCDOT 10%	2,800
Section 5303 FTA 80%	22,400
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Wilmington Urban Area Metropolitan Planning Organization

FY2020 Unified Planning Work Program

draft: January 30,2019

TASK CODE	TASK DESCRIPTION	SEC. 104 (f) PL Highway / Transit		SECTION 5303 Transit / Highway			STBGP-DA Highway / Transit		TDM Transit		TASK FUNDING SUMMARY			
		LOCAL 20%	FHWA 80%	LOCAL 10%	NCDOT 10%	FTA 80%	LOCAL 20%	FHWA 80%	LOCAL 50%	NCDOT 50%	LOCAL	NCDOT	FEDERAL	TOTAL
II-A	SURVEILLANCE OF CHANGE													
II-A-1	Traffic Volume Counts	10,600	42,400								10,600		42,400	53,000
II-A-2	Vehicle Miles of Travel	50	200								50		200	250
II-A-3	Street Systems Changes													
II-A-4	Traffic Accidents	50	200								50		200	250
II-A-5	Transit System Data	1,100	4,400	1,200	1,200	9,600					2,300	1,200	14,000	17,500
II-A-6	Dwelling Unit, Pop. & Emp. Change	800	3,200								800		3,200	4,000
II-A-7	Air Travel													
II-A-8	Vehicle Occupancy Rates													
II-A-9	Travel Time Studies	50	200								50		200	250
II-A-10	Mapping	5,077	20,307				5,890	23,562			10,967		43,869	54,836
II-A-11	Central Area Parking Inventory													
II-A-12	Bike & Ped. Facilities Inventory	800	3,200								800		3,200	4,000
II-B	LONG RANGE TRANSPORTATION PLANNING													
II-B-1	Collection of Base Year Data													
II-B-2	Collection of Network Data													
II-B-3	Travel Model Updates	50	200								50		200	250
II-B-4	Travel Surveys													
II-B-5	Forecast of Data to Horizon year													
II-B-6	Community Goals & Objectives	4,200	16,800	400	400	3,200					4,600	400	20,000	25,000
II-B-7	Forecast of Futurel Travel Patterns													
II-B-8	Capacity Deficiency Analysis	1,200	4,800								1,200		4,800	6,000
II-B-9	Highway Element of th LRTP	4,800	19,200								4,800		19,200	24,000
II-B-10	Transit Element of the LRTP	400	1,600	400	400	3,200					800	400	4,800	6,000
II-B-11	Bicycle & Ped. Element of the LRTP	4,000	16,000								4,000		16,000	20,000
II-B-12	Airport/Air Travel Element of LRTP	1,000	4,000								1,000		4,000	5,000
II-B-13	Collector Street Element of LRTP	600	2,400								600		2,400	3,000
II-B-14	Rail, Water or other mode of LRTP	1,000	4,000								1,000		4,000	5,000
II-B-15	Freight Movement/Mobility Planning	1,200	4,800								1,200		4,800	6,000
II-B-16	Financial Planning	400	1,600	800	800	6,400					1,200	800	8,000	10,000
II-B-17	Congestion Management Strategies	2,000	8,000								2,000		8,000	10,000
II-B-18	Air Qual. Planning/Conformity Anal.													
III-A	PLANNING WORK PROGRAM	224	896								224		896	1,120
III-B	TRANSPORTATION IMPROVEMENT PROGRAM	500	2,000								500		2,000	2,500
III-C	CVL RGTS. CMP./OTR. REG. REQS.													
III-C-1	Title VI	100	400	800	800	6,400					900	800	6,800	8,500
III-C-2	Environmental Justice	600	2,400								600		2,400	3,000
III-C-3	Minority Business Enterprise	100	400	800	800	6,400					900	800	6,800	8,500
III-C-4	Planning for the Elderly & Disabled	50	200								50		200	250
III-C-5	Safety/Drug Control Planning													
III-C-6	Public Involvement	2,000	8,000	800	800	6,400					2,800	800	14,400	18,000
III-C-7	Private Sector Participation	250	1,000								250		1,000	1,250
III-D	INCIDENTAL PLNG./PROJECT DEV.													
III-D-1	Transportation Enhancement Plng.													
III-D-2	Enviro. Analysis & Pre-TIP Plng.	100	400								100		400	500
III-D-3	Special Studies	16,000	64,000								16,000		64,000	80,000
III-D-4	Regional or Statewide Planning	100	400								100		400	500
III-E	MANAGEMENT & OPERATIONS	34,339	137,355	2,800	2,800	22,400	72,120	288,480	61,800	61,800	171,059	64,600	448,235	683,894
TOTALS		$93,740	$374,958	$8,000	$8,000	$64,000	$78,010	$312,042	$61,800	$61,800	$241,550	$69,800	$751,000	$1,062,350

Anticipated DBE Contracting Opportunities for FY 2020

Name of MPO: Wilmington Urban Area MPO

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

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

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING THE FY 2020 UNIFIED PLANNING WORK PROGRAM FOR THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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

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

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

WHEREAS, members of the Wilmington Urban Area Metropolitan Planning Organization Board agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2019-2020.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby endorses the FY 2019-2020 Planning Work Program for the Wilmington Urban Area.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on March 27, 2019.

****

I, _____, Chair of the Board of the Wilmington Urban Area Metropolitan Planning Organization do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Board, duly held on this the 27th day of March, 2019.

_____
, Chair

****

Subscribed and sworn to me this the _____ day of_____, 2018.

_____
Notary Public

My commission expires_____.

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION CERTIFYING THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2019

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

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

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

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

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

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 27th day of March, 2019.

_____

, Chair

_____

Mike Kozlosky, Secretary

Aviation Projects

MTP#	SPOT ID	Master Plan Number	Project	Jurisdiction	Reference Plan	Description
A-7			GA Apron Development Phase II	ILM	MTP 2040/STIP 2015	
A-14			Extend Runway 24- Phase II of IV	ILM	MTP 2040	Master Plan C (Page 7-2)
A-18		Project 2	Land Acquisition for ASR Site Relocation	ILM	2005 ILM Master Plan	Master Plan C (Page 7-2)
A-19		Project 3	Apron Maintenance	ILM	2005 ILM Master Plan	Master Plan C (Page 7-3)
A-21		Project 5	Expand Air Carrier Auto Parking	ILM	2005 ILM Master Plan	Master Plan C (Page 7-4)
A-22		Project 6	Rehabilitate Runway 6-24 and Taxiway B	ILM	2005 ILM Master Plan	Master Plan C (Page 7-4)
A-23		Project 7	Perimeter Road Development (Phase II)	ILM	2005 ILM Master Plan	Master Plan C (Page 7-5)
A-24		Project 9	Airline and Customs Apron- Clean/Seal Joints and Repair Pavements	ILM	2005 ILM Master Plan	Master Plan C (Page 7-6)
A-25		Project 11	Overlay Airport Boulevard, Building Circulation, and Surrounding Roadways	ILM	2005 ILM Master Plan	Master Plan C (Page 7-7)
A-26		Project 12	Northside FBO #2 GA Apron and Hangar Development (Phase I)	ILM	2005 ILM Master Plan	Master Plan C (Page 7-8)
A-27		Project 13	Map Utilities and Provide Geographic Information System (GIS) Airport Interface	ILM	2005 ILM Master Plan	Master Plan C (Page 7-8)
A-29		Project 18	Runway 17/35 Extension and Safety Area Improvements	ILM	2005 ILM Master Plan	Master Plan C (Page 7-10)
A-30		Project 19	Upgrade Visual Approach Aids and Runway Lighting	ILM	2005 ILM Master Plan	Master Plan C (Page 7-10)
A-31		Project 20	Roadway 17/35 Taxiway System Maintenance, Overlay, and Widening	ILM	2005 ILM Master Plan	Master Plan C (Page 7-10)
A-33	A150420		Perimeter Road Improvements	ILM	SPOT 5.0	Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. Includes Project Request Number: 00003415
A-36	A170922		2nd GA Hangar Aircraft Taxi Lane (North GA #2)	ILM	SPOT 5.0	Construct a new hangar taxi lane to provide access into development hangar leasehold areas per ILM's ALP. Includes Project Request Number: 00003789
A-37	A170926		Runway 35 Wind Cone/PAPI Replacement	ILM	SPOT 5.0	This project will be designed and constructed to replace the runway 35 wind cone due to its useful life. The PAPI's and powersupply unit (PSU) needs to be relocated outside the Runway Safety Area (RSA) per FAA Standards. Includes Project Request Number: 00003805
A-38	A170927		Emergency Boat Ramp Access Launch Rwy 6	ILM	SPOT 5.0	This project will provide ARFF Rescue boat a concrete water access ramp along with a dock to provide life safety during an aircraft crash emergencies in Smith Creek. Includes Project Request Number: 00003806
A-39	A170930		1st Paved Aircraft Taxi Lane (East Ramp Lane #1)	ILM	SPOT 5.0	Construct a new hangar taxi lane to provide access into development hangar leasehold area per ILM's Airport Layout Plan. Includes Project Request Number: 00003821
A-43			Business traveler parking and/or long term valet	ILM	2045 Public Input	We need parking for business travelers only please. When you are leaving for a business trip you do not have time to drive around from lot to lot looking for a place to park especially in the early am. Back in my home town we had a valet service for business travelers. It was great. You dropped your car curb side and told them when you were coming back. They even offered detail service while you were away. Worth every penny!

Ferry Proposed Projects Worksheet

STIP #	F - ID	Title	Project Type	Reference Plan	Column1
F-5705	F - 3	New river class vessel (3rd)	Proposed Additional Vessel(s)	STIP Planning only	*Projects proposed for cost estimates in green
Study Only		Routes: Southport to Ft Fisher	Scope: additional vehicle ferry similar to current line		
Same as F-3	F - 10	New River class vessel Southport to Ft Fisher (4th ferry)	Proposed Additional Vessel(s)- same cost as F-3	2045 Public Comment	
		Routes: Southport to Ft Fisher	Scope: additional vehicle ferry similar to current line		
F-5707	F - 2	Southport additional mooring facilities	Proposed Mooring Facility	STIP Planning only	
Study Only		Routes: Southport to Ft Fisher	Scope: additional mooring to include dolphins, ramps, gantries		
		Vessels: River Class Vessel			
Same F-2	F-22	Fort Fisher Mooring Facility	Proposed Mooring Facility	Modal Subcommittee	
		Routes: Fort Fisher to Soutport	Scope: new mooring location for passenger ferry (4th) and/or 3rd Ferry include ramps, gantries, stacking lanes		
		Vessels: Passenger Ferry (4th) and/or 3rd Ferry			
Bike Ped	BP-246	Multi-use path Fort Fisher landing to Aquarium	Proposed MUP on Fort Fisher Blvd	Modal Subcommittee	
		Scope: install crosswalk 2000+- ft of multi-use path along eastside of Fort Fisher BLVD to connect to Aquarium path			
Public Trans	F-23	Fort Fisher Parking Lot Enhancement for public transportation	Proposed transit stop and amenities at Fort Fisher Ferry landing	Modal Subcommittee	
		Scope: develop Fort Fisher Ferry landing to accommodate bus stop with turn-around, taxi/rideshare drop-off, and daily parking			
	F-24	Fort Fisher pedestrian improvements	Proposed sidewalk within Fort Fisher Ferry property	Modal Subcommittee	
		Scope: install 550-600 linear feet of sidewalk to facility entrance for connection to crosswalk and MUP/sidewalk on Fort Fisher BLVD			
		Water Taxi Service with terminal, route, vessel, stops			
Terminal and Vessel	F - 6	Central Marina/Independence Ferry terminal	Proposed Ferry Terminal	2040 MTP (Not Included)	
		Routes: Downtown Wilmington to Carolina Beach	Scope: mooring facility to accommodate river class pedestrian ferry including dock and dolphins		
		Vessels: Passenger-only Ferry similar to BHI or Winner boat <150 passengers			
Stops F-6	F - 1	Carolina Beach ferry accessible slip/dock	Proposed Ferry stop	2040 MTP (Not Included)	
		Routes: Downtown Wilmington to Carolina Beach	Scope: enhance Muni dock for use as Ferry stop		
		Vessels: Passenger Ferry			
	F - 4	Wrightsville Beach ferry accessible dock enhancement	Proposed Ferry stop	2040 MTP (Not Included)	
		Routes: Carolina Beach to Wrightsville Beach	Scope: enhance CAMA access point for use as Ferry stop		
		Vessels: Passenger Ferry			
	F - 5	Downtown Wilmington/Riverwalk Ferry Accessible Dock	Proposed Ferry stop	2040 MTP (Not Included)	
		Routes: Downtown Wilmington to Carolina Beach	Scope: shore power and ticket facilities		
		Vessels: Passenger Ferry			
Route F-6	F - 16	Downtown Wilmington to Carolina Beach	Route: Downtown Wilmington to Carolina Beach	2040 MTP (Not Included)	
		Ridership: tourists <150 per trip/seasonal	Scope: Seasonal/tourist route from hotels to beach		
	F - 17	Central Marina to Downtown Wilmington	Route: Downtown Wilmington to Carolina Beach	2040 MTP (Not Included)	
		Ridership: tourists <150 per trip/seasonal	Scope: terminal facility connection to Downtown Wilmington		
	F - 18	Carolina Beach to Wrightsville Beach	Route: Downtown Wilmington to Carolina Beach	2040 MTP (Not Included)	
		Ridership: tourists <150 per trip/seasonal	Scope: seasonal stop added to route		

Public Transportation Projects

PT - ID	Project	Type	Reference Plan	Comments	Description2
154	wifi on buses	Amenity Upgrades	2045 Public Input	add wifi to buses to promote choice ridership	wifi system on community routes
137	Shelter needed.	Amenity Upgrades	2045 Public Input	Create a shelter for public transportation customers at the intersection of Carolina Beach and Golden Rd.	Create a shelter for public transportation customers at the intersection of Carolina Beach and Golden Rd.
10	Princess Place Dr at Montgomery Ave	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
11	Princess Place Dr at N 25th St	Amenity Upgrades	2045 MTP (Included)	bench	bench
12	Nixon St & N 8th St	Amenity Upgrades	2045 MTP (Included)	bench (check)	bench (check)
13	Nixon St at N 5th St	Amenity Upgrades	2045 MTP (Included)	bench	bench
15	Market St & Kerr Ave	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
16	Market St at Lullwater Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
17	Sigmon Rd at Walmart (Wilmington)	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
18	S College Rd (SB) at University Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
19	S College Rd at Wilshire Blvd	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
20	Oleander Dr at Whole Foods	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
21	Oleander Dr at Hawthorne Dr	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
22	Oleander Dr at Giles Ave	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
25	S College Rd (NB) at University Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
26	NHC Gvt Center at Government Center Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
27	S College & Randall Pkwy	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
28	Randall Pkwy at Brailsford Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
29	Market St at Covil Ave	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
30	New Centre Dr at Bob King Buick	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
31	Eastwood Rd at Rogersville Rd	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
32	Wrightsville Avenue at Jones Rd	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
33	Military Cutoff Rd at Old Macumber Station Rd	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
34	Gordon Rd at Food Lion	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
35	S 16th St at Wright St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
36	S 17th St at Glen Meade Rd	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
37	Shipyard Boulevard at Commons Dr	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
38	Independence Blvd at Canterbury Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
39	Independence Blvd (Independence mall transfer station)	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
40	Independence Blvd at Park Ave	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
41	Wilshire Blvd at Berkshires at Pelican Cove	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
42	Wilshire Blvd at S Kerr Ave	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
44	Carolina Beach Rd at Roses	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
45	Marion Dr at Rutledge Dr	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
47	Market St at N 16th St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
48	Carolina Beach Rd at Southern Blvd	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
49	Carolina Beach Rd at Independence Blvd	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
50	Carolina Beach Rd at Silva Terra Dr	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
53	Carolina Beach Rd at Tenessee Ave (BoA)	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
55	Main St at Church St (Navassa)	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
56	Mount Misery Rd at Food Lion	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
57	Village Rd & S Navassa Rd	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
58	West Gate Dr at Walmart (Leland)	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
59	N Front St Harnett St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
62	Carl Winner Ave at Carolina Beach Ave N	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
64	S 5th St at Castle St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
65	Dawson St at 9th St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
66	Lake Ave at S College Rd	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
67	Shipyard Blvd at S 41st St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
70	5th St at Ann St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
73	S 5th St at Dawson St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
74	S 10th St at Meares St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
75	Cypress Grove Dr at Doctors Cir	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
76	Medical Center Dr at Delaney Radiologists	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
77	Wellington Ave at Silver Stream Ln	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
78	Wellington Ave at Troy Dr	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
79	Wellington Ave at Flint Dr	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
80	Greenfield St at S 13th St	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
87	Rankin St at 11th St	Amenity Upgrades	2045 MTP (Not Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
88	16th St at Kidder St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
90	Wellington at 17th St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
91	Village Road at Food Lion	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
92	N Lake Park Blvd at Town Hall	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
94	17th St at Food Lion Plaza	Amenity Upgrades	2045 MTP (Included)	shelter, bench, trash, bike	shelter, bench, trash, bike
97	Front St at Ann St	Amenity Upgrades	2045 MTP (Included)	bench, trash, bike	bench, trash, bike
154	solar lights at bus stops	Amenity Upgrades	2045 Public Input	upgrade 50% of shelters to solar powered lights, improve safety and visibility. Locations identified as needing lighting	costs of solar lights amenity at 50 percent of upgraded shelters identified in this list

82	Wilmington Multimodal Transportation Center	Facility	WMPO STBGP-DA AND TASA-DA PROJECTS	In Design	2.5 million, being constructed
142	automatic passenger counter (APC)	Facility	Wave LRTP	Easier to collect ridership data by both trip and bus stop, allow for "more robust reporting of ridership data"	APC system on each bus and software to process data
145	Modern Fare Collection Service	Facility	2045 Public Input	modern fare collection services could reduce delays, offer mobile fare collection, and allow for quicker boarding	AFC using RIFD/ Smart Card
98	Carolina Beach Rd at Snow's Cut Bridge	Park and Ride	2040 MTP (Included)	ten parking spaces (existing), ten signs for park and ride, directional sign to park and ride	Existing Parking available (10 spaces min), signage and service need to be added
99	Carolina Beach Rd at S College Rd	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
100	I-40 at Cape Fear Community College N Campus	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
101	I-40 at Holly Shelter Rd	Park and Ride	2040 MTP (Included)		No existing Parking available, potential future development, signage and service would need to be added
102	Market St at Middle Sound Loop Rd	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
103	Market St at Porters Neck Rd	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
104	US17 at Walmart	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
105	US17 at Island Creek Rd (NC210)	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
106	US17/74/76 at River Rd (NC133) - Belville	Park and Ride	2040 MTP (Included)	At Riverwalk park potentially	No existing Parking available, potential future development, signage and service would need to be added
107	WAVE Central Station - Forden Station	Park and Ride	2040 MTP (Included)	additional parking would be required	Not enough existing Parking available, potential future development, signage and service would need to be added
109	I-140 at US74/76	Park and Ride	2040 MTP (Included)	good location	Existing Parking available (10 spaces min), signage and service need to be added
112	I-140 at US17	Park and Ride	2040 MTP (Included)	potential, near residential	No existing Parking available, potential future development, signage and service would need to be added
114	US17 at Sidbury Rd	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
116	US421 at Cowpens Landing Rd	Park and Ride	2040 MTP (Included)		No existing Parking available, potential future development, signage and service would need to be added
118	Galleria Mall	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
119	Mayfaire Mall	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
120	Barclay West	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
121	Fairfield Park	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
122	Terminus of Independence Boulevard	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
123	Leland Town Hall	Park and Ride	2040 MTP (Included)		Existing Parking available (10 spaces min), signage and service need to be added
132	Satellite beach parking with bus station hub	Park and Ride	2045 Public Input	Public parking area for satellite parking to access Wrightsville Beach with a trolley bus that runs a loop back and forth to the beach.	No existing Parking available, potential future development, signage and service would need to be added
139	Light Rail	Rail	2045 Public Input	A light rail to connect the lower part of the county, Southport or Shallotte TBD, with Wilmington.One advantage of a Rt 17 path would be a line in the highway median.	light rail from multi modal center to WMPO boundary along US-17, approximately 13 miles
1	Light Rail	Rail	2045 Public Comment	Light rail on market street...someday? Connect downtown Wilm with shopping, UNCW	light rail from multimodal transit center (downtown) to UNCW, approximately 4.4 miles
7	Light Rail system from Downtown to ILM	Rail	2045 Public Comment	I think a light rail system from ILM to either downtown or one of the beaches would not only alleviate traffic but be super convenient.	light rail from multimodal transit center (downtown) to ILM, approximately 3.2 miles
143	Rail Realignment Part A	Rail	2045 Public Input	Rail Realignment across River to ease traffic congestion and make it easier to move around the city without as many cars, while also accommodating expected growth and truck traffic at the Port of Wilmington.	Rail Realignment Feasibility Study pg 18-21
144	Rail Realignment Part B (Alternative 1)	Rail	2045 Public Input	repurposing the existing rail for a greenway and possible trolley line, incentivize major new investments in underutilized properties adjoining the rail.	(Total Route 8.44 miles) see Appendix A-16 in Rail Realignment feasability study, Technical Report K p. 22
156	Rail Realignment Part B (Alternative 3)	Rail	2046 Public Input	repurposing the existing rail for a greenway and possible trolley line, incentivize major new investments in underutilized properties adjoining the rail.	(Total Route 6.66 miles) see Appendix A-18 in Rail Realignment feasability study, Technical Report K p. 24
157	Rail Realignment Part B (Alternative 5)	Rail	2047 Public Input	repurposing the existing rail for a greenway and possible trolley line, incentivize major new investments in underutilized properties adjoining the rail.	(Total Route 10.04 miles) see Appendix A-20 in Rail Realignment feasability study, Technical Report K p. 26
5	Route 302 Masonboro loop rd. hourly service (Mon-Sat 6-9, Sun 9-6) heavy duty bus	Route	2045 Public Comment	Bus needed from Oleander @ WB to Monkey Junction	additional bus for hourly service, operational costs
8	Route 112 Porters Neck (Mon-Sat 6-9, Sun 9-6) heavy duty bus	Route	2040 MTP (Included)	From College Rd to Walmart	additional bus for new route, operational costs
9	Route 104, 30 minute frequency	Route	2040 MTP (Included)	From Downtown Wilmington to Mayfaire Shopping center	additional bus for increased frequency, operational costs
124	Wrightsville Beach on Demand (shuttle route) $200,000 operation cost	Route	2045 Public Input	I want to visit Wrightsville Beach more often but there is never any parking available. Being from the western side of the city, it would be better to take public transportation to save on parking spaces and traffic to and from the beach.	2 or 3 shuttle buses, operational costs
135	Extend trolley service frequency	Route	2045 Public Input	Extend trolley service - also add a trolley. CNG trolleys	2 additional trolleys for more frequency, operational costs
140	Public Transportation to and from the Ferry	Route	2045 Public Input	To reduce the number of vehicles on the ferry, if transportation was provided to local areas such as the NC Aquarium at Fort Fisher, and downtown Kure Beach, people could walk onto the ferry and not have to worry about taking their car on.	1 trolley for carolina beach to fort fisher, operational costs
146	Route 301 hourly frequency	Route	Wave SRTP	improve weekday and Saturday frequency on Route 301 from every 3 hours to hourly	additional bus for increased frequency, operational costs
147	Rush hour service on high ridership routes 8-11am and 3-5pm(105,108, 201, 205)	Route	Wave SRTP	30 minute headway on high ridership routes	up to 4 additional busses for increased frequency, operational costs
148	earlier weekday service on high ridership routes (105, 108, 201, 205)	Route	Wave SRTP	earlier service may capture more riders looking to commute	additional hours, operational costs, no new buses potentially
149	Upgrade route 107 to hourly to align with route 301	Route	Wave SRTP	Upgrade route 107 to hourly to align with route 301	additional frequency, operational costs, no new buses potentially
150	Route 204 extended service to 9pm and weekends	Route	Wave SRTP	greater flexibility for commuters	additional frequency, operational costs, no new buses potentially
151	Pleasure Island Trolley, with bus stop at ferry, and amenities	Route	2045 Public Input	Carolina Beach Town Hall to Aquarium (Seasonal) every 30	additional trolley, operational costs
152	Service To River Lights development	Route	2045 Public Input	new potential for route	additional bus for new route, operational costs
153	Creekwood on Demand Service off peak hours	Route	Wave SRTP	off peak hour on demand service	additional hours, operational costs, no new buses potentially
126	Bus Stop at Market St. Walmart	Route	2045 Public Input	Bus stop at the Bayshore commons to provide better access to the Walmart Shopping Center	increase route distance, operational costs,
155	military cutoff rd high density local route	Route	2045 Public Input	local route within mayfair to allow transportation to local stores through local roads	additional route, operational costs, not full sized

125	Trolley replacements	Vehicle Update	2045 Public Input	How about a natural gas-fueled trolley? The current one blows out a lot of smelly exhaust.	2 trolleys planned up to 6 total by 2025 based on replacements and expansion of routes
136	Electric Bus investment	Vehicle Update	2045 Public Input	Start investing in Electric Buses Now!	replace community buses with electric buses at end of lifecycle. Potentially 37 vehicles over 25 years

Rail Proposed Projects List				
FR - ID	**RW-ID**	**Project Name**	**Reference Plan**	**Programming**
FR - 7		**Freight Rail Connection Castle Hayne to Wallace**	2040 (Not Included)- Heavyrail/transit rail	https://connect.ncdot.gov/resources/Rail-Division-Resources/Documents/Eastern%20Infrastructure%20Improvement%20Study%20Part%202.pdf
		Limits: 27 miles preserved railroad corridor	Scope: Replace and connect track	Existing: preserved rail corridor (NCDOT)
FR - 12	RW-65	**Front Street RR Signals (Meares)**	2040 (Included)	may be included under RW- 65
		Limits: Mears access to Front St	Scope: Modern safety standards	Existing: crossbuck signs
FR - 13	RW-65	**Front Street RR Signals (Marstellar)**	2040 (Included)	may be included under RW- 65
		Limits: Marstellar access to Front St	Scope: Modern safety standards	Existing: crossbuck signs
FR - 14	RW-65	**Front Street RR Signals (Kidder)**	2040 (Included)	may be included under RW- 65
		Limits: Hess Terminal Road (across from Kidder)	Scope: Modern safety standards	Existing: crossbuck signs
FR - 15		**US421 RR crossing safety improvements**	2040 (Included)	
		Limits: Fleming St to Sutton Steam Plant Rd	Scope: RR gates	Existing: Overhead and side warning lights
FR - 16	RW-211	**NC Port of Wilmington rail crossing (south gate)**	2040 (Not Included)	NC DOT Study
		Limits: Shipyard Blvd and River Road	Scope:	Existing: at-grade crossing with major intersection
FR - 17	RW-210	**NC Port of Wilmington rail crossing (north gate)**	2040 (Not Included)	NC DOT Study
		Limits: Burnett Blvd and Myers Road	Scope: Grade separation	Existing: at-grade crossing with major intersection
FR - 18		**Rail Realignment**	2040 (Not Included) Special funding needed	https://www.wmpo.org/wp-content/uploads/2017/04/WRR-Feasibility-Study_20170602_Final.pdf
		Limits: Port access to Davis Yard	Scope: New bridge and track alignment	Feasibility Study
FR - 19		**Use of rail line in Wilmington**	2045 Public Input	https://www.wmpo.org/wp-content/uploads/2017/04/WRR-Feasibility-Study_20170602_Final.pdf
		Limits: existing Rail Corridor (Front St to McRae St)	Scope: Acquire rail ROW for transit	Rail Realignment Feasibility Study
FR-21		**Rail Extension to Pender Commerce Park**	2040 (Included)	https://wilmingtonbusinessdevelopment.com/properties/pender-commerce-park-pender/
		Limits: Invista to Pender Commerce Park	Scope: New track in new location	Existing: Spur crosses 421 to Invista
FR-22		**Saftey Improvements Cedar Hill Rd**	2045 Public Input- Heavyrail	adjacent intersection under RW-164
		Limits: NB and SB north of Quality Dr/N. Navassa Rd	Scope: Modern safety standards	Existing: side warning lights
FR-23		**Rail Connection Malmo/Leland to Whiteville**	2045 Public Input- Heavyrail	
		Limits: Malmo Loop Rd to Hood Creek (WMPO boundary)	Scope: New track in new location	Existing: Spur track and DOD MOTSU track

FR-24		**Rail Interchange redesign near Northwest District Park**	2045 Public Input- Heavyrail	
		Limits: Old Fayetteville Rd to Lanvale Rd	Scope: Realign track/direct turn	Existing: Spur to Malmo used for turnaround

Roadway Segments

Roadway Project Name	Project Type	Reference Plan	From	To	Road Type	Segment Length (Ft)	Reference Cross Section	Number of New/Upgraded Lanes	Number of total lanes	Lane Width (Ft)	Median Width (Ft)	MUP (Width in Ft, if applicable)	Sidewalk (Width in Ft, if applicable)	Bike Lane (Width in Ft, if applicable)	Crosswalk (Width in Ft, if applicable)	Crosswalk (Type, painted or stamped, if applicable)	Interchange/Access needed (Y/N)	Special Consideration
US 17/76/Bradley Creek Bridge Replacement	Bridge Replacement/Road Widening	2045 Public Input	Bar Harbor Dr	Boathouse Rd	Principal Arterial	1040	4 lane bridge section with multi-use path & Bike lanes	4	4	12		10		5				
NC 133 Extension w/ I-40 with interchange	Road Extension/Interstate Interchange	2045 Public Input	133	I-40	Minor Collector	1321	2A Roadway	2	2	12							Y	Access needed
US 74/76/Heide Trask Bridge Replacement	High Rise Bridge Replacement/Road Improvement	2045 Public Input	Airlie Rd	Causeway Dr	Principal Arterial	850	4 lane bridge section with multi-use path & Bike lanes	4	4	12		10		5				High Rise Bridge
SR 1569/Hoover Road Widening	Road Widening	2045 Public Input	US 17	Stacey Greg Rd	Minor Collector	5200	Pender County Plan Group 2 with sidepath	2	2	12		10						
SR 1438/Lanvale Road NE Widening	Road Widening	2045 Public Input	US 17	US 76	Minor Arterial	20000	4D Roadway	2	4	12	23	10						
SR 1002/Holly Shelter Road to SR 1572/Sidbury Road Connection	New Road on New Location	2045 Public Input	Sidbury Rd	Holly Shelter	Minor Collector	11300	2A Roadway	2	2	12							Y	
New Centre Drive Extension	New Road on New Location	2045 Public Input	New Centre Dr Terminus	Clear Run Dr	local	240	2E Roadway	2	2	11			5	5				
Godfrey Creek Road Extension	New Road on New Location	2045 Public Input	Godfrey Creek	Saint Johns Church Rd	Minor Collector	8380	2B Roadway	2	2	11								
SR 1492/Myrtle Grove Road Widening	Road Widening	2045 Public Input	Masonboro Loop Rd.	US 421/Carolina Beach Road	Minor Arterial	18480	4F Roadway	2	4	12'/14'	17.5	10						
US 17/76/Oleander Drive Access Management	Access Management Improvements	2045 Public Input	Dawson St	Military Cutoff	Principal Arterial	27,456	4D Roadway	0	4	11	23		5	5				
SR 1561/Sloop Point Road Widening	Road Widening	2045 Public Input	US 17	Sloop Point Rd.	Minor Collector	14,700	Pender County Plan Group 3 (no median)	2	2	12		10						limited shoulder availability due to waterbodies
US 17/74/76/Causeway Improvements Phase 2	Road Widening	2045 MTP	Hwy 421	Hwy 74/76/US17 split	Freeway	10,929	6A Roadway (this cross section with 8 lanes instead of 6)	2	8	12	48	10						3 bridges 3 lane
NC 87/US 17 S Overpass and Interchange at Zion Church Road	US 17 Overpass and Interchange	2045 MTP	NC 87	Zion Church Rd	Major Collector	1,200	Interchange	2	2	12								bridge
SR 1572/Sidbury Road Widening	Road Widening	2045 MTP	Blue Clay Rd	US 17	Minor Collector	38,200	Pender County Plan Group 2 with sidewalks and bike lanes	2	2	12			5	5				
SR 1002/Holly Shelter Road Widening	Road Widening	2045 MTP	I 40	NC 210	Minor Collector	36,801	Pender County Plan Group 2 with sidepath	2	2	12		10						
SR 1521/Piner Road Improvements and Intersection Realignment	Road Widening and Intersection Realignments	2045 MTP	S. College Rd	Myrtle Grove Rd	Minor Arterial	5,491	4F Roadway	2	4	12	17	10						sidewalk for school and church
Blue Clay Road Widening	Road Widening	2045 MTP	N Kerr Ave	US 117	Minor Arterial	6,900	2A Roadway	2	2	12				5				5' shoulder addition
Center Drive Extension Segment 1	New Road on New Location	Pender County Collector Street Plan	Washington Acres Rd	About 600' east of US 17 along whitebridge Rd	Local	4,100	Pender County Plan Group 4 (no median)	2	2	12			5	5				
Center Drive Extension Segment 2	New Road on New Location	Pender County Collector Street Plan	About 600' east of US 17 along Whitebridge Road	A point 800' east of us 17 near Lark Lane	Local	9,100	Pender County Plan Group 4 (no median)	2	2	12			5	5				
Center Drive Extension Segment 3	New Road on New Location	Pender County Collector Street Plan	Roughly 800' east of US 17 near Lark Lane	Roughly 1,000' east of US 17 along Scotts Hill Lopp Road	Local	3,300	Pender County Plan Group 3 (sidewalks)	2	2	12			5	5				
Harrison Creek Road Extension Segment 3	New Road on New Location	Pender County Collector Street Plan	An extension of Holliday Dr	Realigned intersection of US 17 and Washington Acres Rd (per U-5732 Hampstead Median Project)	Local	12,000	Pender County Plan Group 4 (no median)	2	2	12			5	5				
US74/76 Upgrade	Upgrade to Interstate Standards/Access Management	2040 MTP (Included)	SR 1426/Mt Misery Road	WMPO Boundary	Freeway/Principal Arterial	40,000	4A Roadway	0	4	12	46							Requires interchanges and controlled access
US 17 Superstreet (Brunswick County)	Access Management Improvements	2040 MTP (Not Included)	Carol Lynn Rd.	WMPO Boundary	Principal Arterial	36,400	Super Street	0	4	12	46							at grade intersection improvements
NC 133/River Road Widening	Road Widening	2040 MTP (Included)	US17/74/76	Rabon Way SE	Pincipal Arterial	21,964	4F Roadway	2	4	11	23	10						
River Road Realignment	New Road on New Location	2040 MTP (Not Included)	US421/Burnett Boulevard	River Road	Minor Arterial	4,646	2A Roadway	0	2	12								
Plantation Road Extension	New Road on New Location	2040 MTP (Not Included)	Military Cutoff Road Extension	US17BUS/Market Street	Local	13,200	2D Roadway	2	2	11		10						based on new center DR
US 17 Superstreet (Hampstead)	Access Management Improvements	2040 MTP (Not Included)	Sloop Point Road	WMPO Boundary	Principal Arterial	32,896	Super Street/4CRoadway	4	4	12'/14'	38			5				U-5732
SR 1100/River Road Widening	Road Widening	2040 MTP (Included)	Independence Boulevard	US 421 (CBR)	Minor Arterial	32,434	4F Roadway	2	4	12	23	10						
SR 1472/Village Road Widening	Road Widening	2040 MTP (Not Included)	Old Fayetteville Road	Lanvale Road	Minor Arterial	18,321	4G Roadway	2	4	11	17.5		5	5				based on road near DDI
Blueberry Road Widening	Road Widening	2040 MTP (Not Included)	US 421	NC 210	Local	15,700	Pender County Plan Group 2 (sidepath)	2	2	12		10						
Basin Street Extension	New Road on New Location	2040 MTP (Not Included)	Old Fayetteville Road	Village Road	Local	3,400	2E Roadway	2	2	11			5	5				sidewalks because near school

Old Fayetteville Road NE Widening	Road Widening	2040 MTP (Included)	Village Road	US74/76/Andrew Jackson Highway	Major Collector	7,920	2D Roadway	2	2	11		10						seems like 3 lane because of bridge bike/ped stuff for school
Dogwood Lane Extension	New Road on New Location	2040 MTP (Not Included)	Wrightsville Avenue	Pine Grove Drive	Local	9,600	2E Roadway/ bridge to match	2	2	11			5	5				1 bridge included
US 17/76/Dawson Street Streetscape Improvements	Streetscape Improvements	2040 MTP (Included)	US17BUS/South 3rd Street	US76/Oleander Drive	Principal Arterial	5,900	one way street	0	4	12			5	5				streetscape/see details in dawson wooster corridor study
US 17/76/Wooster Street Streetscape Improvements	Streetscape Improvements	2040 MTP (Included)	US17BUS/South 3rd Street	US76/Oleander Drive	Principal Arterial	5,300	one way street	0	4	12			5	5				streetscape/see details in dawson wooster corridor study
US 117/NC 133/Castle Hayne Road Streetscape Improvements	Streetscape Improvements	2040 MTP (Included)	NE Cape Fear River	US 117/NC 132/College Rd.	Minor Arterial	5,880	2K Roadway	0	2	12	17.5		5					See NCDOT Complete Street typical
NC 210 Widening	Road Widening	2040 MTP (Included)	WMPO Boundary	US 17	Minor Arterial	31,468	4F Roadway	2	4	12	17.5		5					4 lane because connecting to bypass
Murrayville Road Widening and Extension	Road Widening and New Road on New Location	2040 MTP (Not Included)	US 117/NC 132/College Rd.	US 17	Minor Collector	24,000	2D Roadway	2	2	11		10						Bridge over I-40 and eastern section is not developed
Greenville Loop Road Widening	Road Widening	2040 MTP (Not Included)	Pine Grove Drive	US76/Oleander Drive	Major Collector	15,000	4F Roadway	2	4	12	23	10						4 lanes and sidewalks for school
US 17 to NC 133 Connector Road	New Road on New Location	2040 MTP (Included)	US17	NC133	Minor Arterial	17,371	2D Roadway	2	2	11		10						potential to be good collector st
Internal Port Access Road	New Road on New Location	2040 MTP (Not Included)	Greenfield Street	Shipyard Boulevard	Local	4,750	2A Roadway	2	2	12								just 2 lanes for the port
SR 1100/River Road Realignment	New Road on New Location	2040 MTP (Not Included)	Independence Boulevard	Raleigh Street	Minor Arterial	1,800	2A Roadway	2	2	12				5				
Burnett Boulevard Widening	Road Widening	2040 MTP (Included)	US421/Carolina Beach Road	Myers Street	Major Collector	2,100	3A Roadway	1	3	11								3 lanes to help with turns - this will provide stacking 2 lanes SW and 1 lane NE
US 117/Shipyard Boulevard Speed Sensors and Warning System	Electronics/Sensor System	2040 MTP (Included)	US421/Carolina Beach Road	River Road	Principal Arterial	4,300	safety improvements	0	4									speed sensors
US 76/Cape Fear Memorial Bridge Replacement	Bridge Replacement/Road Widening	2040 MTP (Not Included)	3rd Street	US421	Freeway	3,800	requires bridge section for freeway classification	4	8	12		10						
Burnett Boulevard Realignment	New Road on New Location	2045 MTP	Southern Blvd	River Road	Major Collector	11,000	2A Roadway	2	2	12								Realigment should follow existing rights of way where possible. Intent is to separate truck traffic from NC Ports from local traffic.
Kerr Avenue Extension II	New Road on New Location	2045 MTP	US 76 (Oleander Blvd.)	US 421 (CBR)	Principal Arterial	24,000	4D Roadway	4	4	11	23		5	5				Requires right of way acquisition in residential areas
SR 1492/Masonboro Loop Road Widening	Road Widening	2045 MTP	Grissom	Pine Grove Drive	Minor Arterial	18,500	4F Roadway	2	4	12'/14'	17.5	10						
Shipyard Boulevard Extension	New Road on New Location	2045 MTP	South College Rd.	Oleander Blvd.	Principal Arterial	4,400	4F Roadway	2	4	12'/14'	17.5	10						Improve Long Leaf Hills Dr. and extend to Oleander Blvd.
US 17 BUS/Market Street Road Diet	Road Diet		3rd Street	Covil Avenue	Principal/Minor Arterial	12,650	Market Street Corridor Study (see below for detailed cross section) Plan is located on WMPO website	2	2 with turn lanes as needed	see below	see below		see below	see below	see below	see below	n	left turn lanes will be included as need throughout
			3rd Street	16th Street	Minor Arterial	5,280	2 lane divided with on street parking and bike lanes	2	2 lanes with turn lanes as needed	10	Variable 9-32		5	5	10	stamped		7 ft parking on each side
			16th	Covil Avenue	Principal Arterial	7,370	2 lane divided with bike lanes	2	2 lanes with turn lanes as needed	10	Variable 2-32 ft		5	5	10	painted	n	
US 421/Snow's Cut Bridge Replacement	Bridge Replacement		SR 1100/River Road	Access Road	Principal Arterial	2,100	4 lane bridge section with multi-use path & bike lanes	4	4	12		10		5				
Independence Blvd Road Widening	Road Widening		SR 1100/River Road	US 421/Carolina Beach Roa	Minor Arterial	6,500	4 lane cross section with median, bike lanes, 1 sidewalk and 1 MUP	2	4	12	17.5	10	5	5		painted	n	
Independence Blvd Access Management	Upgrade to Urban Freeway		US 421/Carolina Beach Roa	Randall Parkway	Principal/Minor Arterial	22,000	4 lane cross section with median. MUP on 1 side and sidewalk on the other	2	4	12	23	10	5					
Pine Grove Drive Widening	Road Widening		US 17/76/Oleander Drive	Masonboro Loop Road	Minor Arterial	11,500	4F Roadway	2	4	12'/14'	17.5	10						

Roadway Intersections

Roadway Project Name	Project Type	Reference Plan	# of Lanes per approach				Realignment (Y/N)	Grade Seperated (Y/N)	Lane Width (Ft)	Sidewalk (Width in Ft, if applicable)	Bike Lane (Width in Ft, if applicable)	Crosswalk (Width in Ft, if applicable)	Crosswalk (Type, painted or stamped, if applicable)	comments
			NB	SB	EB	WB								
NC 210 and NC 133	Intersection Improvement	2045 Public Input	1	1	2	2	Y	N	12					
US 117 and NC 210	Intersection Improvement	2045 Public Input	3	3	2	2	Y	N	12			10'	painted	
Navaho Trail and Masonboro Loop Rd. Roundabout (northern intersection)	Roundabout	2045 MTP	3	3	3	0	N	N	12					roundabout
Myrtle Grove/Piner/Masonboro Loop Rd Roundabout	Roundabouts (3)	2045 Public Input	0	1	1	1	Y	N	12					three roundabout at piner grissom and myrtle grove road
US 117/NC132/College Rd and Wrightsville Avenue	Intersection Improvement	2045 Public Input	2	4	3	2	N	N	12			10'	painted	
Lanvale Road and Old Fayetteville Road Intersection Improvements	Signalize Intersection	2045 Public Input	3	3	2	2	N	N	12					Signalize intersection.
Sidbury Road/Hampstead Bypass Interchange	New Interchange	2045 MTP	2	2	1	1	N	Y	12					hampstead bypass project interchange
NC210 & Island Creek Road Intersection	Intersection Improvement	2040 MTP (Not Included)	0	1	1	1	Y	N	12			10'	painted	
Old Fayetteville Road Interchange	New Interchange	2040 MTP (Included)	2	2	1	1	N	Y	12					already grade seperated add ramps to get on
Blue Clay Road Interchange	New Interchange	2040 MTP (Not Included)	1	1	2	2	N	Y	12					already grade seperated add ramps to get on
US17BUS/ & US17 Intersection	Interchange Improvements	2040 MTP (Not Included)										10'	painted	
Mohican Trail & Masonboro Loop Rd Roundabout	Roundabout	2040 MTP (Not Included)	1	1	0	1	Y	N	12			10'	painted	roundabout
Navaho Trail and Masonboro Loop Rd. Roundabout (southern intersection)	Roundabout	2045 Public Input	2	2	2	0	N	N	10			10'	painted	roundabout
Salisbury Street & Causeway Drive Roundabout	Roundabout	2040 MTP (Not Included)	0	0	1	1	Y	N	12			10'	painted	roundabout
US74/Salisbury Street & Lumina Avenue Roundabout	Roundabout	2040 MTP (Not Included)	2	2	3	3	N	N	12	5'		10'	painted	roundabout
Waynick/Lumina/Causeway	Intersection Improvement	2045 Public Input	4	3	4	2	y	N	10					Needs study to determine best design based on limited right of way.
Airlie Dr./Eastwood Rd. Intersection Improvements	Intersection Improvement	2045 Public Input	1	0	2	2	Maybe	N	11			5'	painted	Needs study to determine best design based on limited right of way and existing alignment.
Signal Ethernet improvements	Technology Improvement	2045 Public Input												Up-grade existing signals with digital interface.
Murrayville Rd and I-40 Interchange	New Interchange		4	4	2	2	n	y	12					New Interchange access to I-40 from Murrayville Road. Currently grade separated. Single lane ramps.

US 421 and US 17/74/76 Merge	Widen to provide additional WB Lane					2	n	n	12					Widen to provide additional WB Lane (US 421/US74/NC133) from existing ramp to east of Brunswick River. Include widening of Alligator Creek Bridge

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION BOARD

RESOLUTION APPROVING THE CAPE FEAR MOVING FORWARD 2045 MODAL PROJECT LISTS FOR AVIATION, FERRY AND WATER TRANSPORTATION, FREIGHT RAIL, PUBLIC TRANSPORTATION, AND ROADWAY

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

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

WHEREAS, on November 18, 2015 the Wilmington Urban Area Metropolitan Planning Organization adopted the fiscally constrained Cape Fear Transportation 2040 Metropolitan Transportation Plan to satisfy FHWA requirements; and

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

WHEREAS, with guidance from the modal subcommittees of subject matter experts, the Citizens Advisory Committee has developed Cape Fear Moving Forward 2045 modal project lists for five different modes of transportation which include Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway; and

WHEREAS, planning level cost estimates will be developed for each of these projects; and

WHEREAS, these modal project lists are preliminary project lists to be scored and ranked based on mode-specific criteria for the prioritization of potential projects to be included within the metropolitan transportation plan; and

WHEREAS, the Citizen Advisory Committee has reviewed and approved these mode-specific project lists for further consideration.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves the Cape Fear Moving Forward 2045 modal project lists for Aviation, Ferry and Water Transportation, Freight Rail, Public Transportation, and Roadway.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on January 30, 2019.

_____

, Chair

_____

Mike Kozlosky, Secretary

Wilmington Urban Area Metropolitan Planning Organization
***Draft* 2019 Legislative Agenda**

Transportation Financing
The Wilmington Urban Area MPO supports prioritization and funding for local transportation and infrastructure projects and the need to explore new transportation and infrastructure revenue sources to address the growing needs of the state and the nation. Including, but not limited to road, bridges and highway projects, public transportation, ferry, bicycle and pedestrian infrastructure, beach nourishment, inlet and waterway maintenance, coastal storm damage reduction, port infrastructure, airports, etc.

Corridor Preservation
The Wilmington Urban Area MPO requests the General Assembly identify techniques and continue support corridor protection that is vital implement projects in the state of North Carolina. The MPO also requests the North Carolina General Assembly continue to protect the Wilmington Urban Area Metropolitan Planning Organization for the filing of the Transportation Corridor maps for the Hampstead Bypass (R-3300).

Opposition to Transfer of State Road Maintenance
The Wilmington Urban Area MPO respectfully and urgently requests the North Carolina General Assembly reject proposals which would transfer responsibility for large portions of the state's road system to local governments, and weaken or dismantle municipal Powell Bill Street maintenance funding.

Limitation on City Requirements for Street Improvements Related to Schools
Senate Bill 257 included language related to street improvements for schools. The Wilmington Urban Area MPO is concerned that on non-state maintained facilities where improvements related to schools are needed, the funding burden has fallen on the municipalities or the level of service on the roadways will be compromised. The Wilmington Urban Area MPO encourages the General Assembly to review this language and seek solutions to address this funding concern.

Moped Legislation
The Wilmington Urban Area MPO supports the North Carolina Department of Transportation's policy recommendation of restricting mopeds on public roadways with posted speed limits of 45 mph or greater. The MPO also encourages the North Carolina General Assembly to implement laws that regulate the use of mopeds in a manner that promotes the safety and welfare of the citizens and visitors of North Carolina and pursue education and clarity on existing regulations for mopeds, golf carts, and low-speed vehicles.

Electric Scooter Legislation
The Wilmington Urban Area MPO supports the use of electric scooters to provide an alternative mode of transportation so long as the scooters are used in a safe and responsible manner, do not create visual clutter, and do not block parking or ADA accessibility.

Proposed Revisions to 2018-2027 STIP/MPO TIP Programs

STIP/MPO TIP Modification # 19-1
(January 2019)

U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). ***COST INCREASE EXCEEDING $2 MILLION AND 25% THRESHOLDS.***	CONSTRUCTION	FY 2019 - $18,500,000 (T) $18,500,000
U-5954 NEW HANOVER PROJ.CATEGORY REGIONAL	NC 133 (CASTLE HAYNE ROAD), NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT. ***COST INCREASE EXCEEDING $2 MILLION AND 25% THRESHOLDS.***	RIGHT OF WAY UTILITIES CONSTRUCTION	FY 2022 - $150,000 (T) FY 2022 - $100,000 (T) FY 2024 - $1,050,000 (T) FY 2025 - $1,050,000 (T) $2,350,000

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

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)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
INTERSTATE PROJECTS																			
PENDER	I-40	I-6040 SW	EAST OF US 117 (MILEMARKER 393) TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.	15.2	11200		NHPIM						C 5600	C 5600					
NEW HANOVER PENDER	I-40	I-6039 SW	MILEMARKER 420 TO NC 210 (MILEMARKER 408). PAVEMENT REHABILITATION.	11.9	10539		NHPIM				C 5270	C 5269							
NEW HANOVER PENDER	I-40	I-5357 SW	SOUTH OF US 117 (MILEMARKER 389.5) TO NORTH OF SR 1318 (MILE MARKER 393.0) IN PENDER COUNTY AND SOUTH OF NC 210 (MILE MARKER 408.6) IN PENDER COUNTY TO END OF I-40 (MILE MARKER 420) IN NEW HANOVER COUNTY. PAVEMENT REHABILITATION.	14.9	11230	11230													
							UNDER CONSTRUCTION												
BRUNSWICK NEW HANOVER	I-140	I-6038 SW	US 421 TO US 74/76. PAVEMENT REHABILITATION.	9.8	4000		NHPIM							C 4000					
NEW HANOVER	I-140	I-6037 SW	US 421 TO I-40. PAVEMENT AND BRIDGE REHABILITATION.	6.8	10385		NHPIM							C 10385					
BRUNSWICK	I-140	I-6036 SW	US 17 TO NORTH OF US 74. PAVEMENT REHABILITATION.	5.1	1410	10	NHPIM	C 1400											
NEW HANOVER	I-140	I-5760 SW	I-40 TO US 421. PAVEMENT REHABILITATION.	6.6	4751	4751													
							UNDER CONSTRUCTION												
RURAL PROJECTS																			
BRUNSWICK NEW HANOVER	US 17/US 74/US 76	R-3601 TRN	NC 133/SR 1472 (VILLAGE ROAD) INTERCHANGE TO THE US 421/NC 133 INTERCHANGE. ADD ADDITIONAL LANES ON NORTH AND SOUTHBOUND LANES AND WIDEN BRIDGE 090107 AND BRIDGE 090108.	1.5	71234	71234													
							UNDER CONSTRUCTION												
NEW HANOVER PENDER	US 17 (HAMPSTEAD BYPASS)	R-3300 DIV	US 17 BYPASS SOUTH OF HAMPSTEAD TO US 17 NORTH OF HAMPSTEAD. CONSTRUCT FREEWAY ON NEW LOCATION	12.3	328572	69359	T	R 16530 A											
							T	R 14658 B											
							T	U 500 A											
							T	U 500 B											
							T	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 9695 A	CB 58170 A
							T	C 4080 B	C 19380 B	C 19380 B	C 19380 B	C 19380 B	C 19380 B	C 19380 B					
							REG A US 17 BYPASS SOUTH OF HAMPSTEAD TO NC 210. - PLANNING/DESIGN IN PROGRESS - RIGHT OF WAY IN PROGRESS												
							REG B NC 210 TO US 17 NORTH OF HAMPSTEAD. - PLANNING/DESIGN IN PROGRESS - RIGHT OF WAY IN PROGRESS												
							SEGMENT A - BUILD NC BOND FUNDING $113 M PAYBACK 2021 - 2035.												
BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	VARIOUS	R-5783 DIV	DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.		6479	2479	TA	C 3200											
							O	C 800											
							UNDER CONSTRUCTION - OTHER FUNDS ARE STATE HIGHWAY FUNDS												

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RURAL PROJECTS																			
BRUNSWICK NEW HANOVER	I-140/US 17 (WILMINGTON BYPASS)	R-2633	US 17 SOUTH OF NC 87 IN BRUNSWICK COUNTY TO I-40 IN NEW HANOVER COUNTY. FOUR LANE DIVIDED FREEWAY ON NEW LOCATION.	20.2	757968	650378	NHP	CG 3405 AA	CG 3405 AA	CG 3405 AA									
							NHP	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA	CG 5125 BA					
							NHP	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB	CG 10250 BB						
							TRN	AA NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE										
								AB NC 87 SOUTH OF BISHOP TO US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY. - COMPLETE										
							TRN	BA US 74/US 76 EAST OF MALMO IN BRUNSWICK COUNTY TO SR 1430 (CEDAR HILL ROAD). - UNDER CONSTRUCTION										
							TRN	BB SR 1430 (CEDAR HILL ROAD) TO WEST OF US 421 NORTH OF WILMINGTON. - UNDER CONSTRUCTION										
								BC 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 117. - COMPLETE										
								CC US 117 TO EAST OF I-40 SOUTH OF CASTLE HAYNE. - COMPLETE										
							TRN	D IMPLEMENTATION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS). - UNDER CONSTRUCTION										
								GARVEE BOND FUNDING $31.05 M FOR SEGMENT AA; PAYBACK FY 2010-2021 - GARVEE BOND FUNDING $50 M FOR SEGMENT BA; PAYBACK FY 2013-2024 - GARVEE BOND FUNDING $100 M FOR SEGMENT BB; PAYBACK FY 2013-2024										
URBAN PROJECTS																			
PENDER	US 17	U-5732	SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.	5.5	67524	39555	T					CB 858	CB 858	CB 858	CB 858	CB 858	CB 858	CB 858	CB 6864
		REG					T					C 755	C 7172	C 7172					
							REG	A SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE. - UNDER CONSTRUCTION										
								RIGHT OF WAY IN PROGRESS - $10 M BUILD NC FUNDING PAYBACK PERIOD 2021 - 2035										
NEW HANOVER	US 74 (MARTIN LUTHER KING, JR. PARKWAY)	U-5792	US 117/NC 132 (COLLEGE ROAD) IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.		26610	1500	T				R 1215	R 3645							
		DIV					T						C 20250						
NEW HANOVER	US 74 (SOUTH FRONT STREET)	U-5731	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	1.0	37500	1500	T	R 1250	R 3750										
		SW					T	U 1000											
							T					C 7500	C 7500	C 7500	C 7500	C 7500	C 7500		
NEW HANOVER	US 421 (SOUTH FRONT STREET)	U-5734	US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.	1.0	27000	1000	T					R 4400	R 4400	R 4400					
		REG					T					U 1600							
							T							C 2800	C 2800	C 2800	C 2800		
NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	U-5790	NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON. WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132.	1.1	26594	1500	T				R 1131	R 3394							
		DIV					T				U 183								
							T						C 20386						
NEW HANOVER	NC 132 (COLLEGE ROAD)	U-5881	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	2.9	82701	1000	T				R 11367	R 11367	R 11367						
		SW					T				U 1500	U 1500							
							T							C 14867	C 14867	C 14866			
NEW HANOVER	NC 132 (COLLEGE ROAD)	U-5704	US 76 (OLEANDER DRIVE). CONSTRUCT INTERCHANGE.		56400	1100	NHP				R 6250	R 9375	R 9375						
		SW					NHP				U 2500	U 2500							
							NHP							C 8433	C 8433	C 8434			

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URBAN PROJECTS																			
BRUNSWICK	NC 133	U-5914	US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.	0.5	2765	965	T		C 900	C 900									
		DIV																	
			RIGHT OF WAY IN PROGRESS.																
NEW HANOVER	SR 1175 (KERR AVENUE)	U-3338	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO MULTI-LANES.	3.2	94920	70508	BGANY	R 3912 C											
							BGANY		C 6833 C	C 6833 C	C 6834 C								
			TRN B RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY). - UNDER CONSTRUCTION																
			REG C SR 1175 (KERR AVENUE) INTERCHANGE AT US 74 (MLK, JR. PARKWAY). - RIGHT OF WAY IN PROGRESS																
NEW HANOVER	SR 1175 (KERR AVENUE)	U-6201	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	0.3	5400		T							U 500					
							T							R 3300					
		DIV					T									C 1600			
NEW HANOVER	SR 2048 (GORDON ROAD)	U-6202	US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	2.5	85115		T										U 2900	U 2900	
							T										RB 3861	RB 54054	
							T										R 2900		
		DIV					T											C 18500	
			BUILD NC BOND ROW FUNDING $45 M PAYBACK 2029 - 2043																
NEW HANOVER	NEW ROUTE	U-5926	SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.		8732	3410	L		R 225										
							T		R 225										
							L				C 2436								
		DIV					T				C 2436								
			ECONOMIC DEVELOPMENT PROJECT																
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5534	WILMINGTON URBAN AREA MPO STP-DA PROGRAM.		9566	2614	BGDA	R 125	R 125	R 125	R 125	R 125	R 125	R 125	R 125	R 125	R 125	R 125	
							L	R 31	R 31	R 31	R 31	R 31	R 31	R 31	R 31	R 31	R 31	R 31	
							BGDA	C 381	C 381	C 381	C 381	C 381	C 381	C 381	C 381	C 381	C 381	C 381	
							L	C 95	C 95	C 95	C 95	C 95	C 95	C 95	C 95	C 95	C 95	C 95	
		DIV																	
			IN PROGRESS																
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5989	WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.		26856	2238	BGDA	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	C 2238	
		DIV																	
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5525	WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION PLANNING (PL) SUPPLEMENT.		3900	600	BGDA	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	PL 240	
							L	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	PL 60	
		DIV																	

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URBAN PROJECTS																			
BRUNSWICK NEW HANOVER	NEW ROUTE (CAPE FEAR CROSSING)	U-4738	US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER.	11.2	1026790	11540	NHP										R 14850 A	R 14850 A	
							NHP										U 1080 A		
							BOND R												C 23903 A
							NHP												C 219434 A
							NHP												R 80300 B
							NHP												U 2920 B
							BOND R												C 64627 B
							NHP												C 593286 B
			DIV A US 17 IN BRUSWICK COUNTY TO NC 133. CONSTRUCT FREEEWAY ON NEW LOCATION.																
			B NC 133 TO US 421 (INDEPENDENCE BOULEVARD). CONSTRUCT FREEWAY ON NEW LOCATION WITH A STRUCTURE OVER THE CAPE FEAR RIVER.																
NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	U-5729	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY.	1.6	27510	14510	T					C 525 RE	C 3325 RE	C 3325 RE	C 3325 RE				
							T					C 2500 SW							
			REG REG US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - RIGHT OF WAY IN PROGRESS																
			SW SW US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. - RIGHT OF WAY IN PROGRESS																
NEW HANOVER	NC 132 (COLLEGE ROAD)	U-5702	SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	9.7	90151	2770	NHP				R 6467 A	R 6467 A	R 6467 A						
							NHP				U 2300 A								
							NHP							C 11300 A	C 11300 A	C 11300 A			
							NHP							R 2400 B					
							NHP							U 500 B					
							NHP											C 1444 B	C 27436 B
			SW A SR 1272 (NEW CENTRE DRIVE) TO US 117 (SHIPYARD BOULEVARD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS																
			REG B US 117 (SHIPYARD BOULEVARD) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.																
NEW HANOVER	US 74 (EASTWOOD ROAD)	U-5710	SR 1409 (MILITARY CUTOFF ROAD) INTERSECTION IN WILMINGTON. CONVERT AT-GRADE INTERSECTION TO AN INTERCHANGE.	2.0	39061	9422	T		R 2309	R 2308				C 5063					
							T				C 5063	C 5063	C 5063						
							T		R 1870 A										
							T		C 2900 A										
		SW																	
			SW A FROM SR 1409 (MILITARY CUTOFF ROAD) AT DRYSDALE DRIVE TO US 74 (EASTWOOD ROAD). ROADWAY ON NEW LOCATION. - RIGHT OF WAY IN PROGRESS																
			RIGHT OF WAY IN PROGRESS																
NEW HANOVER	US 17 BUSINESS (MARKET STREET)	U-4902	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	115557	56257	T							C 8000 B					
							T		C 12825 C	C 12825 C	C 12825 C	C 12825 C	C 12825 C						
			A SR 1272 (NEW CENTRE DRIVE) TO MARTIN LUTHER KING JR., BOULEVARD. - COMPLETE																
			REG B CSX RAILROAD TO CINEMA DRIVE; JACKSONVILLE STREET TO NORTH OF US 117/NC 132 (COLLEGE ROAD). - RIGHT OF WAY IN PROGRESS																
			SW C NORTH OF US 117/NC 132 (COLLEGE ROAD) TO STATION ROAD. - RIGHT OF WAY IN PROGRESS. INCLUDES U-5880.																
			SW D SR 1403 (MIDDLE SOUND LOOP ROAD) TO SR 2290 (MENDEHNALL DRIVE)/ SR 2734 (MARSH OAKS DRIVE). - UNDER CONSTRUCTION																
NEW HANOVER	US 76 (OLEANDER DRIVE)	U-6128	GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.		9500	200	BGANY										U 500		U 500
							BGANY										R 1250		R 3750
							BGANY												C 3300
		REG																	
NEW HANOVER	SR 1209 (INDEPENDENCE BOULEVARD EXTENSION)	U-4434	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	1.7	130671	4138	BG5200				R 12384	R 18575	R 18575						
							BG5200				U 600								
							BG5200							C 25533	C 25533	C 25333			
		DIV																	

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URBAN PROJECTS																			
NEW HANOVER	SR 1409 (MILITARY CUTOFF ROAD EXTENSION)	U-4751	SR 1409 (MILITARY CUTOFF ROAD) TO US 17 (MARKET STREET) IN WILMINGTON. MULTI-LANES ON NEW LOCATION.	4.0	293140	221665	T	C 23825	C 23825	C 23825									
		SW					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												
							UNDER CONSTRUCTION												
NEW HANOVER	NC 133 (CASTLE HAYNE ROAD)	U-5954	NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	1.0	2850	500	T				R 150								
							T				U 100								
		REG					T						C 1050	C 1050					
NEW HANOVER	NC 133 (CASTLE HAYNE ROAD)	U-5863	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES	3.7	31674	1300	T			R 515	R 1543								
							T			U 500									
		REG					T						C 1391	C 13213	C 13212				
NEW HANOVER	WILMINGTON	U-6199	WILMINGTON CITYWIDE SIGNAL SYSTEM.	39.2	15960		T							U 500					
							T							R 100					
		DIV					T									C 7680	C 7680		
BRIDGE PROJECTS																			
NEW HANOVER	SR 1100 (RIVER ROAD)	B-5236	REPLACE BRIDGE 640019 OVER LORDS CREEK.		2285	2285													
		HF					UNDER CONSTRUCTION												
MITIGATION PROJECTS																			
BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	VARIOUS	EE-4903	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		5505	5505													
							IN PROGRESS												
HIGHWAY SAFETY PROJECTS																			
BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	VARIOUS	W-5703	SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.		2353	1653	HSIP	R 30	DIV										
							HSIP	C 180	DIV										
							HSIP	R 30	RE										
							HSIP	C 180	RE										
							HSIP	R 40	SW										
							HSIP	C 240	SW										
							DIV DIV SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
							REG REG SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
							SW SW SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS.												
							IN PROGRESS												

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HIGHWAY SAFETY PROJECTS																			
BRUNSWICK DUPLIN NEW HANOVER ONSLOW PENDER SAMPSON	VARIOUS	W-5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		22687	21362	HSIP HSIP	R 25 C 650	C 650										
							DIV	DIV DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
							REG	REG DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
							SW	SW DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.										
								DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS										
NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	W-5103	NORTH OF GEORGE ANDERSON ROAD TO SR 1100 (RIVER ROAD). SAFETY IMPROVEMENTS.		7960	7960													
							REG	A NORTH OF GEORGE ANDERSON ROAD TO SR 1100 (RIVER ROAD).										
								UNDER CONSTRUCTION										
AVIATION PROJECTS																			
NEW HANOVER	WILMINGTON INTERNATIONAL AIRPORT (ILM)	AV-5885	REHABILITATE RUNWAY.	0.0	7500		O T									C 7000 C 500			
		SW																	
								OTHER FUNDS PROVIDED BY ILM										
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5702	REHABILITATE GA APRON NORTH.		500	500													
		SW																	
								UNDER CONSTRUCTION										
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5713	PIPE DITCHES IN FBO #2 AREA.		505	505													
		SW																	
								UNDER CONSTRUCTION										
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5799	WIDEN NORTH-SOUTH TAXIWAY SYSTEM.		6500		O T									C 6000 C 500			
		SW																	
								OTHER FUNDS PROVIDED BY ILM.										
NEW HANOVER	WILIMINGTON INTERNATION (ILM)	AV-5886	TAXIWAY J IMPROVEMENTS	0.0	5600		O T									C 5100 C 500			
		SW																	
								OTHER FUNDS PROVIDED BY ILM.										
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5704	UPGRADE AIRFIELD LIGHTING VAULT.		500	500													
		SW																	
								UNDER CONSTRUCTION										
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5730	EXTEND RUNWAY 6-24 PHASE 1		5000		T O					C 500 C 4500							
		SW																	
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5795	EXPAND THE GENERAL AVIATION APRON.		1300		O T					C 800 C 500							
		SW																	
								OTHER FUNDS PROVIDED BY ILM.										

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AVIATION PROJECTS																			
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5796	INCREASE WIDTH OF ALL TAXIWAYS.		3800		O								C 3300				
							T								C 500				
		SW																	
							OTHER FUNDS PROVIDED BY ILM.												
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5801	EXPANSION OF AIR CARRIER APRON.		3940		O			C 3440									
							T			C 500									
		SW																	
							OTHER FUNDS PROVIDED BY ILM.												
BICYCLE AND PEDESTRIAN PROJECTS																			
NEW HANOVER	SR 1219 (SOUTH 17TH STREET)	EB-5600	HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.	1.7	1040	107	BGANY C 746												
							L C 187												
		DIV																	
							PLANNING, DESIGN, RIGHT OF WAY, AND CONSTRUCTION BY CITY OF WILMINGTON												
NEW HANOVER	SR 1403 (MIDDLE SOUND LOOP ROAD)	EB-5543	OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH.		230	230													
		TRN																	
							UNDER CONSTRUCTION												
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5527	WILMINGTON URBAN AREA MPO TRANSPORTATION ALTERNATIVES PROGRAM.		3315	224	TADA R 25		R 25	R 25	R 25	R 25	R 25	R 25	R 25	R 25	R 25	R 25	
							L R 6		R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	R 6	
							TADA C 200		C 200	C 200	C 200	C 200	C 200	C 200	C 200	C 200	C 200	C 200	
							L C 50		C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	
		DIV																	
							IN PROGRESS												
NEW HANOVER	GARY SHELL CROSS-CITY TRAIL	EB-5544	WILMINGTON. CONSTRUCT BICYCLE AND PEDESTRIAN ACCOMODATIONS ON SOUTH 17TH STREET, WALTMOOR ROAD, AND BETHEL ROAD.		249	249													
		TRN																	
							UNDER CONSTRUCTION - OTHER FUNDING - $525 FROM BLUE CROSS BLUE SHIELD, $75 FROM STATE FUNDS.											
NEW HANOVER	PEACHTREE AVENUE	EB-5719	PARK AVENUE TO MCMILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209		TAANY PE 18												
							L PE 4												
							TAANY		C 150										
		DIV					L		C 37										
FERRY PROJECTS																			
BRUNSWICK CARTERET NEW HANOVER	VARIOUS	F-5301	CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.		980	980													
		TRN																	
							UNDER CONSTRUCTION												

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FERRY PROJECTS																			
BEAUFORT BERTIE BRUNSWICK CAMDEN CARTERET CHOWAN CRAVEN CURRITUCK DARE DUPLIN GATES GREENE HERTFORD HYDE JONES LENOIR MARTIN NEW HANOVER NORTHAMPTON ONSLOW PAMLICO PASQUOTANK PENDER PERQUIMANS PITT SAMPSON TYRRELL WASHINGTON	VARIOUS	F-5703 DIV	REPLACEMENT VESSEL (SUPPORT FLEET) FOR TUGS AND BARGES		11600	4150	T T	C 2100 B	C 3250 A C 2100 B										

DIV A Z-DRIVE TOWING AND PUSHING TUG - UNDER CONSTRUCTION
DIV B TWO SUPPORT/ANCHOR TUGS, ONE SUPPORT TUG, THREE BARGES

BRUNSWICK NEW HANOVER	SOUTHPORT - FORT FISHER	F-5707 REG	CONSTRUCT MOORING FACILITIES.		5000		T							C 2500	C 2500					
BRUNSWICK NEW HANOVER	SOUTHPORT-FORT FISHER	F-5705 REG	SOUTHPORT-FORT FISHER FERRY. CONSTRUCT RIVER CLASS FERRY.		14000		T										C 700		C 13300	
PUBLIC TRANSPORTATION PROJECTS																				
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5243 DIV	PREVENTATIVE MAINTENANCE.																	
								IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5246 DIV	ADA COMPLEMENTARY PARATRANSIT.		993	993														
								IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5222 HF	REPLACEMENT LTV		1873	937	FBUS L S	CP 260 CP 26 CP 26	CP 260 CP 260 CP 26 CP 26 CP 26 CP 26											
								FUNDS AUTHORIZED IN PROGRESS												

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PUBLIC TRANSPORTATION PROJECTS																			
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5223	REPLACEMENT BUS		6070	1410	FBUS	CP 1140	CP 2588										
							L	CP 143	CP 323										
		HF					S	CP 143	CP 323										
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5224	REPLACEMENT TROLLEY		700		FBUS		CP 700										
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5221	REPLACEMENT LTV		1321	591	FUZ	CP 324	CP 324										
							L	CP 41	CP 41										
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-6700	ADA		389	389	L												
							STBGDA												
		HF					STPDA												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5184	REPLACEMENT UNDER 30' LTV		100	100	L												
							STPDA												
		HF																	
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-6552	CAPITAL - REPLACEMENT VEHICLE		460	460	FNF												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5134	REPLACEMENT HYBRID BUS		478	478	JARC												
							L												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-6516	CAPITAL		771	771	FNU												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5171	PURCHASE REPLACEMENT BUSES		2802	2802	FUZ												
							L												
							S												
		HF					STPDA												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TD-4721	WMMTC CONSTRUCTION		2125	2125	L												
							STBGDA												
		HF																	

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PUBLIC TRANSPORTATION PROJECTS																			
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6795	PREVENTIVE MAINTANENCE		313	313	L STBGDA												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6796	ADA		325	325	L STBGDA												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6170	ADA AND PREVENTIVE MAINTENANCE		638	638	L STPDA												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5245	PREVENTIVE MAINTENANCE		3354	2726	FUZ L	CP 251 CP 63	CP 251 CP 63										
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5244	PREVENTIVE MAINTENANCE		1256	1256	FBUS L												
		HF																	

FUNDS AUTHORIZED IN PROGRESS

NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TK-6784	PREVENTIVE MAINTENANCE		875	875	L L STBGDA STPDA												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TK-6176	ADMINISTRATION		2863	1773	FNU FNU L S	O 218	O 218	O 218	O 218	O 218							
		HF																	

FUNDS AUTHORIZED IN PROGRESS

NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6137	OPERATING ASSISTANCE		636	636	JARC L												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6121	OPERATING		738	738	FNF												
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-5135	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS		116	116	FNF L												
		HF																	

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								STATE TRANSPORTATION IMPROVEMENT PROGRAM						*DEVELOPMENTAL PROGRAM*					
PUBLIC TRANSPORTATION PROJECTS																			
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6108	OPERATING ASSISTANCE - NEW FREEDOM		1872	1872	FNF												
		HF					L												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TO-5210	OPERATING ASSISTANCE FOR EXPRESS FIXED ROUTE SERVING FORDEN AND DOWNTOWN STATIONS		368	368	JARC												
		HF					L												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TO-6141	OPERATING ASSISTANCE FOR FIXED ROUTE SERVING CAROLINA/KURE BEACHES		150	150	L												
		DIV					STPDA												
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TO-4751	OPERATING ASSISTANCE		78562	49897	FUZ	O 2129	O 2129	O 2129	O 2129	O 2129							
							L	O 2759	O 2759	O 2759	O 2759	O 2759							
		HF					SMAP	O 845	O 845	O 845	O 845	O 845							
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TP-5125	PLANNIG SRTP		150	150	FUZ												
		HF					L												
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TP-5111	PLANNING ASSISTANCE - 5303		4408	2348	FMPL	PL 384	PL 384	PL 384	PL 384	PL 384							
							L	PL 14	PL 14	PL 14	PL 14	PL 14							
		HF					S	PL 14	PL 14	PL 14	PL 14	PL 14							
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TP-5110	PLANNING ASSISTANCE - SHORT RANGE DEVELOPMENT		300	200	FUZ		CP 80										
							L		CP 10										
		HF					S		CP 10										
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-6513	OPERATING ASSISTANCE		1190	850	FEPD	O 85	O 85										
							L	O 85	O 85										
		HF																	
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-7005	PROJECT ADMINISTRATION		156	44	FEPD	AD 28	AD 28	AD 28	AD 28								
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-9035	5310 CAPITAL PROJECT - SERVICE VEHICLE		20	20	FEPD												
		HF					L												

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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)	FUNDS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
								STATE TRANSPORTATION IMPROVEMENT PROGRAM						*DEVELOPMENTAL PROGRAM*					*UNFUNDED*
PUBLIC TRANSPORTATION PROJECTS																			
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-9036	5310 CAPITAL PROJECT - REVENUE VEHICLE		117	117	FEPD												
		HF					L												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-8019	MOBILITY MANAGER		306	204	FEPD	CP 41	CP 41										
		HF					L	CP 10	CP 10										
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-9001	CAPITAL PURCHASE OF SERVICE		432	80	FEPD	CP 88	CP 88	CP 88	CP 88								
		HF																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-9011	CAPITAL - PURCHASE OF SERVICE		176	176	FEPD												
		HF					L												
							S												
							FUNDS AUTHORIZED IN PROGRESS												
ONSLOW	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-6157	OPERATING ASSISTANCE - PURCHASE OF SERVICE		250	250	FEPD												
		HF					L												
							S												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION	TS-5103	SAFETY & SECURITY - MIN. 1% SET ASIDE		326	206	FUZ	CP 22	CP 22	CP 22	CP 22	CP 22							
	AUTHORITY	HF					L	CP 2	CP 2	CP 2	CP 2	CP 2							
							FUNDS AUTHORIZED IN PROGRESS												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-4796	ROUTINE CAPITAL - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, FAREBOX, SERVICE VEHICLES, ETC.																
		DIV																	
							IN PROGRESS												
FREIGHT RAIL PROJECTS																			
NEW HANOVER	CSX SE LINE	P-5740	TIE AND RAIL REHABILITATION. IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CURVE RE-ALIGNMENTS AND UPGRADE SWITCH OPERATIONS. CLOSE AND IMPROVE VARIOUS EXISTING AT GRADE CROSSINGS.	13.0	45480	4080	T							R 600			C 10200	C 10200	C 10200	C 10200
		SW					T												

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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)	FUNDS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
									STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					
INTERSTATE PROJECTS																			
STATEWIDE	VARIOUS	I-9999 SW	INTERSTATE MAINTENANCE BALANCE.		518878		NHPIM			C 28694	C 9593	C 21126	C 8462	C 69588	C 85615	C 95800	C 100000	C 100000	
RURAL PROJECTS																			
STATEWIDE	VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		5190	3430	T	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	PE 48 DIV	
							T	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	PE 48 RE	
							T	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	PE 64 SW	
			DIV DIV HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. REG REG HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. SW SW HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
			IN PROGRESS																
STATEWIDE	VARIOUS	M-0360	TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		25628	14628	T	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	
							T	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	
							T	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	
			DIV DIV TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. REG REG TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. SW SW TECHNICAL SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
			IN PROGRESS																
STATEWIDE	VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		22027	12217	T	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	PE 270 DIV	
							T	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	PE 270 RE	
							T	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	PE 360 SW	
			DIV DIV STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. REG REG STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK. SW SW STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																
			IN PROGRESS																
STATEWIDE	VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8476	4076	T	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	PE 120 DIV	
							T	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	PE 120 RE	
							T	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	PE 160 SW	
			DIV DIV STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. REG REG STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. SW SW STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
			IN PROGRESS																
STATEWIDE	VARIOUS	M-0515 DIV	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.		3000	250	T	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	R 250	
STATEWIDE	VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		7630	2130	T	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	PE 150 DIV	
							T	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	PE 150 RE	
							T	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	PE 200 SW	
			DIV DIV STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. REG REG STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS. SW SW STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																
STATEWIDE	VARIOUS	M-0219 SW	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		5808	3058	T	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	PE 75 DIV	
							T	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	PE 75 RE	
							T	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	PE 100 SW	
			DIV DIV PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS REG REG PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS SW SW PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
RURAL PROJECTS																			
STATEWIDE	VARIOUS	M-0505 DIV	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3625	325	T	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	PE 300	
STATEWIDE	VARIOUS	M-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		600	300	T	PE 100 DIV											
							T	PE 100 RE											
							T	PE 100 SW											

DIV DIV TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE DIVISION TIER.
REG REG TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE REGIONAL TIER.
SW SW TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS ON THE STATEWIDE TIER.

IN PROGRESS

STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523													

IN PROGRESS

STATEWIDE	VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759													

IN PROGRESS

STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398													

IN PROGRESS

STATEWIDE	VARIOUS	R-5753 EX	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.		46811		ERFO	C 1794											
							FLTP	C 9955	C 35062										

PROGRAM IN PROGRESS

STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		70523	37523	BG	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	C 900 DIV	
							BG	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	C 900 RE	
							BG	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	C 1200 SW	

DIV DIV NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - DIVISION CATEGORY. - IN PROGRESS
REG REG NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - REGIONAL CATEGORY. - IN PROGRESS
SW SW NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY - STATEWIDE CATEGORY. - IN PROGRESS

IN PROGRESS

STATEWIDE	VARIOUS	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		20305	20305													

IN PROGRESS

STATEWIDE	VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		156559	145559	NHP	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
							NHP	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	
							NHP	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	
							T	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	M 150 DIV	
							T	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	M 150 RE	
							T	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	M 200 SW	

DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION.
REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION.
SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION.

IN PROGRESS

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
FEASIBILITY STUDIES																			
STATEWIDE	VARIOUS	M-0452 SW	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3264	1064	T	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	PE 200	
BRIDGE PROJECTS																			
STATEWIDE	VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		493692	229692	BG BG BG	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW	I 7200 DIV I 7200 RE I 9600 SW
							DIV DIV BRIDGE INSPECTION PROGRAM. REG REG BRIDGE INSPECTION PROGRAM. SW SW BRIDGE INSPECTION PROGRAM.											
							IN PROGRESS											
STATEWIDE	VARIOUS	B-8888 DIV	BRIDGE REPLACEMENT HOLDOUT.		162322		BGOFF					C 12031	C 21682	C 25157	C 26509	C 16943	C 30000	C 30000
STATEWIDE	VARIOUS	BK-5102 DIV	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027												
							IN PROGRESS											
STATEWIDE	VARIOUS	BK-5100 DIV	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000												
							IN PROGRESS											
STATEWIDE	VARIOUS	BK-5132 REG	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.		1000	1000												
							IN PROGRESS											
STATEWIDE	VARIOUS	BK-5131 DIV	BRIDGE PRESERVATION AT SELECTED LOCATIONS.		1500	1500												
							UNDER CONSTRUCTION											
STATEWIDE	VARIOUS	BK-5101 DIV	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		7747	7747												
							UNDER CONSTRUCTION											
STATEWIDE	VARIOUS	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		23151	23151												
							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 DIV	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	VARIOUS	M-0379 DIV	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100												
							IN PROGRESS											

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HIGHWAY SAFETY PROJECTS																			
STATEWIDE	VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		539650		HSIP	C 6750 DIV	C 13035 DIV	C 13110 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	C 15900 DIV	
							HSIP	C 12750 RE	C 13035 RE	C 13110 RE	C 15900 RE	C 15900 RE	C 15900 RE	C 15900 RE	C 15900 RE	C 15900 RE	C 15900 RE	C 15900 RE	
							HSIP	C 9000 SW	C 17380 SW	C 17480 SW	C 21200 SW	C 21200 SW	C 21200 SW	C 21200 SW	C 21200 SW	C 21200 SW	C 21200 SW	C 21200 SW	
			DIV DIV HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
			REG REG HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
			SW SW HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																
STATEWIDE	VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		82601	22101	HSIP	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	PE 1650 DIV	
							HSIP	PE 1650 RE	PE 1650 RE	PE 1650 RE	PE 1650 RE	PE 1650 RE	PE 1650 RE	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	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	PE 2200 SW	
			DIV DIV SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
			REG REG SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
			SW SW SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																
STATEWIDE	VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		147578	118178	HSIP	R 420 DIV	R 420 DIV	R 420 DIV									
							HSIP	C 2520 DIV	C 2520 DIV	C 2520 DIV									
							HSIP	R 420 RE	R 420 RE	R 420 RE									
							HSIP	C 2520 RE	C 2520 RE	C 2520 RE									
							HSIP	R 560 SW	R 560 SW	R 560 SW									
							HSIP	C 3360 SW	C 3360 SW	C 3360 SW									
			DIV DIV RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.																
			REG REG RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY.																
			SW SW RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.																
			IN PROGRESS																
STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		6608	6608													
			DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY.																
			REG REG SIGNAL RETIMING TO IMPROVE SAFETY.																
			SW SW SIGNAL RETIMING TO IMPROVE SAFETY.																
			IN PROGRESS																
STATEWIDE	VARIOUS	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.		20000	3500	HSIP	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	C 450 DIV	
							HSIP	C 450 RE	C 450 RE	C 450 RE	C 450 RE	C 450 RE	C 450 RE	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	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	C 600 SW	
			DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY.																
			REG REG SIGNAL RETIMING TO IMPROVE SAFETY.																
			SW SW SIGNAL RETIMING TO IMPROVE SAFETY.																
			IN PROGRESS																
STATEWIDE	VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500													
CONGESTION MITIGATION PROJECTS																			
STATEWIDE	VARIOUS	C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		75989	44979	CMAQ	PE 1664	PE 817										
							S(M)	PE 416	PE 204										
							CMAQ	R 1664	R 817										
							S(M)	R 416	R 204										
							CMAQ	C 9983	C 4901										
							S(M)	C 2496	C 1226										
							CMAQ	O 1664	O 817										
							S(M)	O 416	O 204										
							CMAQ	I 1664	I 817										
							S(M)	I 416	I 204										
		EX																	

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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)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
CONGESTION MITIGATION PROJECTS																			
STATEWIDE	VARIOUS	C-5702 EX	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		2994	2994													
							EX A	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS											
							EX B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. - IN PROGRESS											
							EX C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES.											
STATEWIDE	VARIOUS	C-5601 EX	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		4455		CMAQ PE 239		PE 118										
							L PE 60		PE 29										
							CMAQ R 239		R 118										
							L R 60		R 29										
							CMAQ C 1433		C 704										
							L C 358		C 176										
							CMAQ O 239		O 118										
							L O 60		O 29										
							CMAQ I 239		I 118										
							L I 60		I 29										
STATEWIDE	VARIOUS	C-3600 EX	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702													
							IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES												
STATEWIDE	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE	C-4903 EX	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500													
							IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY												
STATEWIDE	NORTH CAROLINA STATE UNIVERSITY	C-4902 EX	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694													
							EX A	PHASE 2 OF IMPLEMENTATION											
							IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY												
STATEWIDE	STATEWIDE	C-9999 EX	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000		CMAQ		C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	C 30000	
ENHANCEMENT (ROADSIDE PROJECTS)																			
STATEWIDE	VARIOUS	ER-5600 DIV	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		47264	3264	BG	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	C 4000	
							IN PROGRESS												
STATEWIDE	VARIOUS	M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1482	712	T	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	PE 21 DIV	
							T	PE 21 RE	PE 21 RE	PE 21 RE	PE 21 RE	PE 21 RE	PE 21 RE	PE 21 RE	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	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	PE 28 SW	
							DIV DIV	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.											
							REG REG	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.											
							SW SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.											

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
SAFE ROUTES TO SCHOOLS PROJECTS																			
STATEWIDE	VARIOUS	SR-5001 DIV	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		14730	14230	SRTS	C 500											
								IN PROGRESS - $200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C											
STATEWIDE	VARIOUS	SR-5000 DIV	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL,TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435													
								IN PROGRESS											
BICYCLE AND PEDESTRIAN PROJECTS																			
STATEWIDE	VARIOUS	E-4018 DIV	NATIONAL RECREATIONAL TRAILS.		15045	1845	TA	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	C 1200	
								IN PROGRESS											
STATEWIDE	VARIOUS	EB-5542 DIV	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		12503	1503	BG	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	PE 1000	
STATEWIDE	VARIOUS	EB-3314 TRN	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476													
								UNDER CONSTRUCTION											
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.																
								IN PROGRESS											
STATEWIDE	VARIOUS	ER-2971 TRN	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408													
								IN PROGRESS - $182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E											
PUBLIC TRANSPORTATION PROJECTS																			
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-6107 HF	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU												
STATEWIDE	GREYHOUND LINES	TI-6106 HF	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU												
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	NCDOT FERRY DIVISION	TA-6535 HF	CAPITAL		789	789	FNF S												

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																			
STATEWIDE	REGIONAL COORDINATED AREA TRANSPORTION	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	6329	FSPR	CP 600	CP 600										
		HF					S	CP 120	CP 120										
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	REGIONAL COORDINATED AREA TRANSPORTION	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH												
		HF																	
STATEWIDE	STATEWIDE	TA-6520	SECTION 5317 NEW FREEDOM CAPITAL FUNDING ASSISTANCE TO COMMUNITY TRANSPORTATION SYSTEMS AND NON-PROFIT AGENCIES ACROSS THE STATE		443	443	FNF												
		HF																	
STATEWIDE	STATEWIDE	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		175501	18676	FNU	CP 14487	CP 14490	CP 14500	CP 14510	CP 14520	CP 14530	CP 14540	CP 14550	CP 14560			
							L	CP 2898	CP 2898	CP 2900	CP 2902	CP 2904	CP 2906	CP 2908	CP 2910	CP 2912			
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TA-6666	5339 BUS AND BUS FACILITIES		81715	3735	FBUS	CP 7183	CP 7190	CP 7200	CP 7210	CP 7220	CP 7230	CP 7240	CP 7250	CP 7260			
							L	CP 1437	CP 1438	CP 1440	CP 1442	CP 1444	CP 1446	CP 1448	CP 1450	CP 1452			
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TA-6712	REPLACEMENT OF TRANSIT VEHICLES MEETING USEFUL LIFE		7915		CMAQ	CP 6332											
		HF					L	CP 1583											
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TC-5004	5311 ADTAP		28633	5129	ADTAP	CP 2116	CP 2120	CP 2140	CP 2160	CP 2180	CP 2200	CP 2210	CP 2220	CP 2240			
							L	CP 424	CP 424	CP 428	CP 432	CP 436	CP 440	CP 442	CP 444	CP 448			
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L												
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU												
							L												
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TK-6181	5311 ADMINISTRATIVE		232352	35682	FNU	AD 18171	AD 18180	AD 18190	AD 18200	AD 18210	AD 18220	AD 18230	AD 18240	AD 18250			
							L	AD 3635	AD 3636	AD 3638	AD 3640	AD 3642	AD 3644	AD 3646	AD 3648	AD 3650			
		HF					S												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		2417	561	ADTAP	AD 156	AD 170	AD 180	AD 200	AD 210	AD 220	AD 230	AD 240	AD 250			
		HF																	
							FUNDS AUTHORIZED IN PROGRESS												

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																			
STATEWIDE	STATEWIDE	TK-4900Z HF	5311 STATE ADMINISTRATION AND 5311 STATE ADMINISTRATION		39850	13923	FNU	AD 2807	AD 2820	AD 2840	AD 2860	AD 2880	AD 2900	AD 2920	AD 2940	AD 2960			
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TM-6155 HF	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC L												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TN-6125 HF	5317 NEW FREEDOM		4756		FEP L	O 403 O 81	O 410 O 82	O 420 O 84	O 430 O 86	O 440 O 88	O 450 O 90	O 460 O 92	O 470 O 94	O 480 O 96			
STATEWIDE	STATEWIDE	TO-6155 HF	5311 OPERATING AND 5311 OPERATING F		173475		FNU L	O 12770 O 6385	O 12790 O 6395	O 12810 O 6405	O 12830 O 6415	O 12850 O 6425	O 12870 O 6435	O 12890 O 6445	O 12910 O 6455	O 12930 O 6465			
STATEWIDE	STATEWIDE	TO-6135 HF	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU L												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TP-5154 HF	5304 PLANNING		5724		FMPL L	PL 490 PL 98	PL 500 PL 100	PL 510 PL 102	PL 520 PL 104	PL 530 PL 106	PL 540 PL 108	PL 550 PL 110	PL 560 PL 112	PL 570 PL 114			
STATEWIDE	STATEWIDE	TP-4902 HF	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU												
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TQ-9038 HF	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		42265	7551	FEPD L S	CP 3178 CP 636	CP 3180 CP 636	CP 3190 CP 638	CP 3200 CP 640	CP 3210 CP 642	CP 3220 CP 644	CP 3240 CP 648	CP 3250 CP 650	CP 3260 CP 652			
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TQ-6954 HF	5310 OPERATING PROJECTS FOR RURAL AREAS		39986	8670	FEPD L	O 1658 O 1658	O 1680 O 1680	O 1700 O 1700	O 1720 O 1720	O 1740 O 1740	O 1760 O 1760	O 1780 O 1780	O 1800 O 1800	O 1820 O 1820			
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TS-7000 HF	DEVELOP AMD IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO												
STATEWIDE	STATEWIDE	TS-7001 HF	5329 STATE SAFETY AND OVERSIGHT		5076		FED L	AD 430 AD 86	AD 440 AD 88	AD 450 AD 90	AD 460 AD 92	AD 470 AD 94	AD 480 AD 96	AD 490 AD 98	AD 500 AD 100	AD 510 AD 102			
STATEWIDE	STATEWIDE	TS-4900Z HF	STATEWIDE RTAP		6787	2285	RTAP	AD 422	AD 440	AD 460	AD 480	AD 500	AD 520	AD 540	AD 560	AD 580			
							FUNDS AUTHORIZED IN PROGRESS												
STATEWIDE	STATEWIDE	TT-5205 HF	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF S												
							FUNDS AUTHORIZED IN PROGRESS												

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COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2019	STATE TRANSPORTATION IMPROVEMENT PROGRAM: FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	DEVELOPMENTAL PROGRAM: FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	UNFUNDED: FUTURE YEARS
PUBLIC TRANSPORTATION PROJECTS																			
STATEWIDE	SUB REGIONAL HF	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	4592	JARC	AD 500	AD 500										
								FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	SUB REGIONAL HF	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3570	FNF	AD 350	AD 350										
								FUNDS AUTHORIZED IN PROGRESS											
STATEWIDE	SUB REGIONAL HF	TV-4903	5310 STATE ADMIN		11269	6499	FEPD	AD 420	AD 500	AD 520	AD 530	AD 540	AD 550	AD 560	AD 570	AD 580			
								FUNDS AUTHORIZED IN PROGRESS											
PASSENGER RAIL PROJECTS																			
STATEWIDE	VARIOUS	P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		15170	4170	T	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	PE 300 DIV	
							T	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	PE 300 RE	
							T	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	PE 400 SW	
								DIV DIV STATEWIDE RAIL PRELIMINARY ENGINEERING REG REG STATEWIDE RAIL PRELIMINARY ENGINEERING SW SW STATEWIDE RAIL PRELIMINARY ENGINEERING										
								IN PROGRESS											
STATEWIDE	VARIOUS DIV	Y-5500	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.		34944	1944	RR	R 500	R 500	R 500	R 500	R 500	R 500	R 500	R 500	R 500	R 500	R 500	
							RR	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	C 2500	
								IN PROGRESS											
STATEWIDE	VARIOUS DIV	Z-9999	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS - UNPROGRAMMED BALANCE.		24500		RR					R 500	R 500	R 500	R 500	R 500	R 500		
							RR					C 3000	C 3000	C 3000	C 3000	C 3000	C 3000		
STATEWIDE	VARIOUS DIV	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		28841	28841													
								IN PROGRESS											
STATEWIDE	VARIOUS DIV	Z-5700	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		14306	10806	RR	R 500											
							RR	C 3000											
								IN PROGRESS											
STATEWIDE	VARIOUS DIV	Z-5800	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.		10500		RR	R 500	R 500	R 500									
							RR	C 3000	C 3000	C 3000									
STATEWIDE	NORTH CAROLINA RAILROAD EX	C-5571	NCDOT PIEDMONT AND CAROLINIAN PASSENGER RAIL SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM.		2456	2456													
								IN PROGRESS											

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CHANGES BETWEEN THE DRAFT STIP 20-29 AND LIVE STIP

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

PROJECT	COUNTY	ROUTE/CITY	DESCRIPTION	COMMENTS
U-4738	NEW HANOVER BRUNSWICK	NEW ROUTE (CAPE FEAR CROSSING)	US 17 TO US 421 (INDEPENDENCE BOULEVARD-CAROLINA BEACH ROAD) INTERSECTION. CONSTRUCT A NEW FACILITY WITH STRUCTURE OVER THE CAPE FEAR RIVER.	SEGMENT A: BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 28 AND CONSTRUCTION AFTER FY 29.
U-4902	NEW HANOVER	US 17 BUSINESS (MARKET STREET)	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	SEGMENT B: TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 21 TO FY 25.
U-5702	NEW HANOVER	NC 132 (COLLEGE ROAD)	SR 1272 (NEW CENTRE DRIVE) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	SEGMENT A: TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 24 TO FY 25. SEGMENT B: BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 25 AND CONSTRUCTION IN FY 29.
U-5704	NEW HANOVER	NC 132 (COLLEGE ROAD)	US 76 (OLEANDER DRIVE). CONSTRUCT INTERCHANGE.	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 24 TO FY 25.
U-5729	NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY.	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 22 TO FY 23.
U-5731	NEW HANOVER	US 74	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 22 TO FY 23.
U-5732	PENDER	US 17	SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 21 TO FY 23.
U-5734	NEW HANOVER	US 421 (SOUTH FRONT STREET)	US 17 BUSINESS/US 76/US 421 (CAPE FEAR MEMORIAL BRIDGE) TO US 421 (BURNETT BOULEVARD) IN WILMINGTON. WIDEN TO MULTI-LANES.	TO ASSIST IN BALANCING FUNDS, RIGHT OF WAY DELAYED FROM FY 21 TO FY 23 AND CONSTRUCTION DELAYED FROM FY 23 TO FY 25.
U-5863	NEW HANOVER	NC 133 (CASTLE HAYNE ROAD)	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULTI-LANES	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 23 TO FY 24.
U-5881	NEW HANOVER	NC 132 (COLLEGE ROAD)	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	TO ASSIST IN BALANCING FUNDS, CONSTRUCTION DELAYED FROM FY 24 TO FY 25.
U-6080	NEW HANOVER	SR 1175 (KERR AVENUE)	PATRICK AVENUE TO SR 1411 (WRIGHTSVILLE AVENUE). WIDEN TO MULTI-LANES.	BASED ON RESULTS OF P5.0, PROJECT DID NOT SCORE HIGH ENOUGH TO RECEIVE FUNDING.
U-6083	NEW HANOVER	NORTH 23RD STREET	US 74 (MARTIN LUTHER KING, JR. PARKWAY) TO NC 133 (CASTLE HAYNE ROAD). WIDEN.	BASED ON RESULTS OF P5.0, PROJECT DID NOT SCORE HIGH ENOUGH TO RECEIVE FUNDING.
U-6128	NEW HANOVER	US 76 (OLEANDER DRIVE)	GREENVILLE LOOP ROAD AND GREENVILLE AVENUE. UPGRADE INTERSECTION.	BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 29 AND CONSTRUCTION AFTER FY 29.

PROJECT	COUNTY	ROUTE/CITY	DESCRIPTION	COMMENTS
U-6199	NEW HANOVER	WILMINGTON	WILMINGTON CITYWIDE SIGNAL SYSTEM.	BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 25 AND CONSTRUCTION IN FY 27.
U-6201	NEW HANOVER	SR 1175 (KERR AVENUE)	SR 1411 (WRIGHTSVILLE AVENUE) TO US 76 (OLEANDER DRIVE). CONSTRUCT ROADWAY ON NEW LOCATION.	BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 25 AND CONSTRUCTION IN FY 27.
U-6202	NEW HANOVER	SR 2048 (GORDON ROAD)	US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY.	BASED ON RESULTS OF P5.0, NEW PROJECT ADDED WITH RIGHT OF WAY IN FY 29 AND CONSTRUCTION AFTER FY 29.

Cape Fear Crossing
STIP U-4738
Brunswick and New Hanover Counties

PROJECT STATUS REPORT

January 1, 2019

Project Description

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

The following list includes tasks during the month of December:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis are ongoing.
- Due to updated designs, construction and right-of-way cost estimates are currently being revised.
- The Draft Environmental Impact Statement (DEIS) has been reviewed by the Attorney General's (AG) office, NCDOT technical disciplines and FHWA-NC, and is currently being reviewed by FHWA Legal Sufficiency.
- Coordination with the State Historic Preservation Office (SHPO) is ongoing regarding impacts to historic properties in the study area.
- A newsletter was sent to notify citizens of the remaining alternatives under study and the project schedule.

Upcoming Activities

- The DEIS will be revised per comments received from FHWA Legal Sufficiency.
- Public hearing maps will be prepared for the Public Hearing, to be held after the DEIS is approved and distributed.
- The project team will coordinate with SHPO to update Section 106 concurrence on historic properties, as a follow-up to the 10/30/18 meeting.

Past Activities

- The Air Quality Report was finalized on 11/13/18.
- The project team coordinated with the SHPO on 10/30/18 regarding two new properties identified that are eligible for the National Register of Historic Places (NRHP).
- The Red-Cockaded Woodpecker Foraging Habitat Analysis was finalized on 9/26/18.
- The Crash Analysis Summary was finalized on 8/30/18.
- The revised project designs of the detailed study alternatives were finalized 6/15/18.
- The Traffic Capacity Analysis was finalized on 6/01/18.
- The NEPA/Section 404 Merger Team reached concurrence on 11/30/17 to eliminate Alternatives C, F, P, G, J, and V Freeway. Alternatives B, Q, T, M Avoidance, N Avoidance, and V Widening will be carried forward for detailed study in the DEIS.
- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2A – "Bridging Decisions and Alignment Review" on 5/30/17; final concurrence on Concurrence Point 2A was received on 8/17/17.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – "Purpose and Need and Study Area Defined" on 12/12/13; the NEPA/Section 404 Merger Team reached Concurrence Point 2 – "Detailed Study Alternatives Carried Forward" on 2/10/14.
- Technical documents that have been finalized are available on the project website under "Project Documents."

Contact Information

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

WILMINGTON MPO
TRANSPORTATION PLANNING
JANUARY 2019

2045 METROPOLITAN TRANSPORTATION PLAN

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

Next Steps:

- The Modal Subcommittees have developed modal project lists from the initial project lists. The initial project lists were assembled of projects proposed by the public, the WMPO's member jurisdictions and planning partners, as well as projects included in the WMPO's other adopted plans. The Modal Subcommittees have narrowed these lists down and refined project limits and scope. Once approved by the Board, the lists will be submitted to WSP for planning level cost estimates.
- Modal Subcommittees have begun developing scoring criteria. The development of scoring criteria is anticipated to take a couple months for each of the Subcommittees. All criteria is scheduled to be presented to the CAC by March 2019.
- Adoption in November 2020

LELAND STREET DESIGN STANDARDS MANUAL

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

Next Steps:

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

NORTHEAST NEW HANOVER COUNTY FUTURE STREET PLAN

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

transportation system performs, developing multi-modal street design guidelines, and creating strategies for integrating land use and transportation development. The MPO and County have received a draft plan from the consultant. The County Planning staff are meeting with stakeholders. The plan is being revised by the County to meet our needs.

Next Steps:

- Finalize Draft Plan in Spring 2019
- Present information to New Hanover County Planning Board and Board of Commissioners

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 2 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 review
- Town of Leland Formal Reviews: 2 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Navassa Formal Reviews: 1 reviews
- Town of Navassa Informal Reviews: 0 reviews
- Town of Navassa Concept Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 20 total (New Hanover County 5, City of Wilmington 8, Carolina Beach 0, Leland 1, Navassa 0, and Pender County 4, Brunswick County 2) ; new 5 and ongoing 15
- Pender County Development Plan Reviews: 3 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 52 (3 new, 49 on-going)
- City of Wilmington Informal Reviews: 25 (6 new, 19 on-going)
- City of Wilmington Concept Reviews: 18 (14 new concept reviews- 4 on-going concept)
- COW Project Releases: 3 Full releases

STBGP-DA/TASA-DA FY 2013 to Present

STBGP-DA

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

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

Project Status and Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Resumed construction based on plan revisions on May 2, 2018

- Structure and retaining wall are complete. Grading for sidewalk and MUP are underway
- Anticipated completion date of March 1, 2019

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

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

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

Project Status and Next Steps:
- 100% Plan approval received
- ROW certification has been issued
- Construction funds have been requested for release
- Updated PCE approved on December 4th, 2018
- Town staff has discovered that approved plans do not show inverts of existing sanitary sewer lines and thus these drawings do not identify potential conflicts that may exist between new storm sewer lines and the existing sanitary sewer lines.
- Staff is currently investigating any possible utility conflicts that will need to be addressed on the drawings prior to bidding.
- Project Let winter of 2018

U-5534E & L - TOWN OF CAROLINA BEACH - ISLAND GREENWAY AND HARPER AVENUE BIKE LANES (Under Construction)
Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard

Project Status and Next Steps:
- Construction is 95% complete with an anticipated completion date of late January

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

Project Status and Next Steps:

- Plans and Technical specifications have been approved by NCDOT- minor changes will need NCDOT approval
- PCE Consult should be received by the end of the month
- Construction funds can be released once PCE consult is received
- Anticipated Let Date: To be determined once bid package approved

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

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

Project Status and Next Steps:

- The City has provided the executed revised scope and amendment to McKim & Creed
- McKim & Creed has submitted revised plans for review by the City
- Anticipated Let Date of Spring 2019

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

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

Project Status and Next Steps:

- The City has provided the executed revised scope and amendment to McKim & Creed
- McKim & Creed has submitted revised plans for review by the City
- Anticipated Let Date of Spring 2019

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

Project Descriptions/Scope: The construction of a 8 foot wide concrete path from the connection at the Brunswick Center at Leland across the front of the library property, down Village Road, ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge.

Project Status and Next Steps:

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

U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP

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

Project Status and Next Steps:

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

- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK
Project Descriptions/Scope: The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Rd to the US Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.
Project Status and Next Steps:

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

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

Project Status and Next Steps:

- Contract has been sent to Purchasing for Bid
- Additional funds received
- Anticipated let date Winter 2018/2019

U-5534O Cape Fear Blvd Multi-Use Path
Project Description/Scope: The construction of approximately 3200 linear feet of 10' wide paved off-road Multi-use Path along the south side of Cape Fear Blvd. from 6th Street to Dow Road.

Project Status and Next Steps:

- Construction is 95% complete with an anticipated completion mid January

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

Project Status and Next Steps:

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

U-5534S (Formerly U-5534M)- Coral Drive Sidewalks
Project Descriptions/Scope: The construction of sidewalks along Coral Drive will install approximately 954 feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

Project Status and Next Steps:

- 100% plans (sealed) and specifications have been approved by NCDOT
- The Town was unable to secure the needed permanent easement. Sepi is currently providing an alternative

- Construction funds can be released once PCE consult is received
- Anticipated Let Date: Spring 2019

U-5534T – Traffic Signal Preemption
Project Description/Scope: This project will install traffic pre-emption equipment at 27 locations throughout the City of Wilmington and GPS devices on fire apparatus.

Project Status and Next Steps:
- 100% design comments have been sent to the Engineer and are being addressed
- 100% plans will be submitted to DOT for review
- Request for Construction Authorization to follow
- Anticipated bid date of February 2019

U-5534U – Navassa Park Multi-Use Path
Project Description/Scope: This project will construct bike lanes on both sides of Brooklyn Street, a multi-use path connecting Brooklyn Street to the Navassa Park, and a multi-use path through the Navassa Park forming a loop within the park.

Project Status and Next Steps:
- Scoping meeting held with NCDOT
- PE funds were released at the December 2017 Board of Transportation meeting
- Scope and fee with manday estimate is currently being revised per NCDOT comments. Awaiting final submittal from Right Angle Engineering

TASA-DA

U-5527B CITY OF WILMINGTON – 5th AVE INTERSECTION UPGRADES
Project Descriptions/Scope: This project is for the construction of high visibility crosswalks, curb ramps, and pedestrian activated signals on 5th Ave at the Dawson Street and Wooster Street intersections.

Project Status and Next Steps:
- Project is requesting additional money from the City to construct the improvements
- Bid is currently under review for acceptance

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

Project Status and Next Steps:
- 70% plans under review
- No right of way needed
- Anticipated construction bid May 2019

U-5527D HARPER AVE. MULTI-USE PATH
Project Descriptions/Scope: The construction of approximately 2104 linear feet of 10’ wide paved multi-use path along Harper Ave. from Dow Road to 6th Street

Project Status and Next Steps:

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- This project is currently on hold while the Town continues discussions regarding the beautification project along Harper Avenue.

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Project Status and Next Steps:

- Increase social media presence for Go Coast program and initiatives
  - 483 followers on Instagram, 412 "likes" from June-December 2018
- Go Cost Commuter Challenge October 1-26 Results and Data compiling
  - 723 participants
  - 5,995 trips
  - 26,271 eco-miles traveled
  - 18,871 pounds of carbon dioxide reduced
  - Trip types percentages:
    - Walking: 32.5%
    - Telecommute: 30.5%
    - Bus: 10.5%
    - Carpool/Vanpool: 6.5%
    - Electric Car: 6.1%
    - Driving alone: 4.4%
    - Hybrid car: 5.7%
    - Biking: 4.3
- Meeting with website developers to develop a Go Coast website
  - Blue Tone Media to develop Go Coast site
- Gather model alternative work schedule policies from various regional employers to be highlighted in the statewide initiative to showcase model alternative work schedules
- Live application for Go Coast Commuter Friendly Employers- 4 employers have been designated:
  - UNCW- Gold
  - CastleBranch- Gold
  - CFCC-Silver
  - Target-Silver
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies

- Creating employer networks for carpool matching in STRNC
    - Live Oak Bank to begin including STRNC and employee to employee carpool matching in new employee orientation in 2019
    - Target now includes STRNC in new employee orientation
- Developing best method for emergency ride home payment/reimbursement
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations
- Participate with the City of Wilmington committee for bike share implementation
    - Currently negotiation on a contract with Zagster for a program in the City of Wilmington. Zagster is actively seeking “title sponsors”
- The City of Wilmington has formed committee to determine best process for controlling a scooter share if vendor came to Wilmington
- Working with Carolina Beach to complete the Olli Challenge application to request pilot program for autonomous shuttles during summer months in 2019.
    - Local Motors is currently gauging interest from cities in different regions of the United States to implement a short-term, fixed-route, autonomous vehicle program called the Ollie Challenge. To date, Local Motors has only opened this challenge to the Sacramento, Phoenix, and DC areas. The WMPO submitted an implementation proposal in November and had a brief discussion with a Local Motors representative about the vision of a program in Carolina Beach. As of now, there is no open Ollie Challenge for North Carolina municipalities, but the WMPO is prepared to submit an application when/if an application does become available to our region.

December 9, 2018

Greetings!

Welcome to the latest update on the Wilmington Rail Realignment Project.

This update will cover the last six months of work on the project. There is big news in this update! And as with everything else in the area, some progress was distracted by the impact of Hurricane Florence. As always, please let me know any questions, thoughts or ideas. Please feel free to respond back to me at Laura.lwpadgett@gmail.com or call me at 910-262-4025. Thanks.

The Rail Realignment Project proposes to relocate the freight use of 8.5 miles of track away from the dense urban core of the City of Wilmington and repurpose the track and right-of-way for alternative transportation, i.e., a tracked trolley or tram and biking and pedestrian paths. The freight use of the track will be moved to a new 4 to 5-mile track directly from the Port of Wilmington, across the Cape Fear River to a connection with the Davis/Navassa, NC Rail Yard. The project will improve quality of life, public safety, traffic congestion, and housing affordability within the City of Wilmington; and also create new and innovative economic development opportunities through more efficient shipping in southeastern North Carolina to the Port of Wilmington, eliminating 'last mile' delays and opening new shipping routes in rural counties.

Two big items are in this update:

First, with a great deal of help, I submitted an application to the Federal Railroad Administration for a grant of $2 million to pay the cost of producing Preliminary Engineering up to 30% and the National Environmental Protection Act documentation which is necessary to build the project. The whole process for the grant was complicated by a very short timeframe to submit once the grant was announced and the impact of Hurricane Florence. We received letters of support from many entities which we hope will help to get the grant award:

Counties of New Hanover, Brunswick, Pender and Columbus
Cape Fear Council of Governments
Cape Fear Realtors
Cape Fear Public Transportation (WAVE)
Congressman Rouzer
Senator Burr
And we believe other members of the delegation have sent letters directly.
Wilmington Business Development
Wilmington Chamber of Commerce
NC State Ports
CSXT
NC RR Inc.
RJ Corman Railroad Group

The City of Wilmington staff provided invaluable help in the process of writing the grant as well as the cost of a consultant to write the Benefit Cost Analysis portion of the grant. We have been informed that the FRA considers our application complete and the project eligible. The awards will be determined by around February 2019.

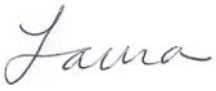
Second, the City has posted the job announcement for a full-time project manager/coordinator. This is a big step and shows the City's intent to move this project forward. I hope that anyone reading this who has an interest in such a position or who knows people who might be interested will visit the link below:

https://www.governmentjobs.com/careers/wilmingtonnc

This position posting is a very exciting development.

We continued meetings with various organizations, building support for the project. Glenn Harbeck and I spoke to the Chamber Public Policy Committee. Contacts continue with CSX and other private rail companies, including North Carolina Railroad Company.

The Project has benefitted greatly from the people, organizations and businesses who have shared the privilege of their time to talk with us. Any person or organization that you feel we should contact, please let me know. Thank you for your interest and I am happy to receive questions and comments.



Laura Padgett, Coordinator
Wilmington Rail Realignment Project

Logo by Tori Jones and Clove Marketing

Cape Fear Public Transportation Authority

Project Update

January 2019

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - (no change) FTA funding in the amount of $3.6M for nine replacement buses was awarded to the Authority from a nationwide discretionary grant in April 2018. Seven buses were ordered June 29, 2018. Delivery is scheduled to begin in June 2019. Additional funding for three to four buses will be requested from the VW mitigation settlement phase one following a call for projects by NC DAQ in the spring of 2019.

2. **Short Range Transportation Plan** - (no significant change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is completing its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.
   Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project. Data collection has begun and is being analyzed. Over fifteen agencies are assisting Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018.
   The draft plan was presented to the Authority Board on March 22, 2018. Draft recommendations are available at the following
   URL: https://www.wavetransit.com/short-range-transit-plan/. Changes to the Wave Transit routes based on recommendations from the consultant will be developed over the summer and fall with implementation in 2019 to coincide with the opening of the Wilmington Multimodal Transportation Center. A presentation of the study findings will be presented to the WMPO Board and TCC in January 2019.

3. **Long Term Funding** - currently, the Authority does not have a dedicated source of local funding. A consultant led study to evaluate the governing model and long term funding for transit in the region has been commissioned by the City of Wilmington and New Hanover County. TransPro Consulting has presented its findings to the Wilmington City Council and the New Hanover County Board of Commissioners.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center**
   An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of $2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. On June 27, 2018 the WMPO awarded up to $1,700,000 in additional STBGP-DA funding to complete the project. The flex process to convert the funds from FHWA to FTA was initiated on July 30, 2018.
   Phase 1 consisting of hazardous materials abatement and demolition is complete.
   Phase 2 consisting of building stabilization is complete.
   Phase 3 consisting of renovation construction was let for bidding on February 14, 2018. Renovation construction of the Neuwirth Building began on December 03, 2018. Site work will commence upon approval of an FHWA STBGP-DA fund transfer to the project. **The project may be impacted by the federal shutdown. Flex funding authorization and the ability to draw federal funding are be suspended during the shutdown as employees who undertake "non-essential" tasks are furloughed.** As of January 07, 2019 the shutdown is still in effect but projects have not yet been impacted.

2. **Preventive Maintenance & ADA** - STBGP-DA funding in the amount of $500,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO on July 25, 2018. The process of flexing the funds from FHWA to FTA is currently in process. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region.
   Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In November 2018 the Authority provided 1,781 ADA passenger trips utilizing the funding. The period of performance for the project is 07/01/2018 through 06/30/2019.

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 7, 2019

Project Update List for Brunswick County

Projects Under Construction – Brunswick County

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).
Open to traffic on December 18, 2017.
Estimated Completion Date: December 2018 (inclusive of punch list and vegetation period)
Percent Complete: 90.64%

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.
Estimated Completion Date: January 2019
Percent Complete: 75.25%

R-2633D – (I-140 ITS: C204080) Intelligent Transportation System for I-140 (Wilmington Bypass) in Brunswick and New Hanover Counties – Communications Cable and Conduit Routing
Estimated Completion Date: May 2019
Percent Complete: 51.61%

R-3601(L) – (US 74/76 and NC 133 Landscaping: DC00231) Landscaping contract
Estimated Completion Date: May 2020
Percent Complete: 20.54%

W-5703I: Hickman Rd at Ash-Little Rd Install Flashers
Estimated Completion: February 2019
Construction By State Forces: Work has started

NC24/US 17 Primary Routes– (NC24/US 17 Primary Routes: DC00234) Plant bed maintenance in Brunswick, New Hanover, Onslow, and Pender counties
Estimated Completion Date: November 2019
Percent Complete: 0%

Project Development- Brunswick Count

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

U-5914: NC 133 Widen and Modernize Intersection at US 17/US 74/US 76 to SR 1554 (Old River Road).
Let Date October 2019

U-5788: US 17 Business (Main Street) Realign intersection at Wall Street and Shallotte Avenue
Let Date May 2020

W-5601GA: US 17 at Thomasboro Rd Convert Intersection to Superstreet
Let Date February 2021

W-5703H: US 17 at Hickman Rd Convert Intersection to Superstreet
Let Date February 2021

U-5862: US 17 (Shallotte Bypass) at SR 1357 Smith Avenue Upgrade intersection to interchange
Let Date May 2021

R-5857: US 17 at US 17 Bus Convert Intersection to Superstreet
Let Date June 2022

R-5851: US 17 at NC 904 Convert Intersection to Superstreet
Let Date September 2022

U-5932: US 17 at NC 211 Convert Intersection to Interchange.
Let Date June 2024

R-5947: NC 211 Widen from Sunset Harbor Rd to NC 906 (Midway Rd) to 4 lanes
Let Date FY 2029

U-6104: US 17 (Shallotte Bypass) at US 17 Business upgrade intersection to interchange
Let Date FY 2029

Carolina Bays Parkway Extension Updates

1. Newsletter mailed out
2. Call for public comment (Due January 21, 2019): https://ncdot.publicinput.com/2518/
3. Project Website: https://www.ncdot.gov/projects/carolina-bays-parkway/Pages/default.aspx

Resurfacing Projects - Brunswick County

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

Estimated Completion Date: November 2019.

Percent Complete: 70.77%

Map 1: NC 130 (Whiteville Rd) from US 17 Bus to SR 1335
Map 2: NC 179 (Old Georgetown Rd) from 179 Bus to NC 904
Map 3: NC 904 (Longwood Rd) from SR 1321 to SR 1304
Map 4: NC 179 Bus (Sunset Blvd) from traffic circle at Shoreline Dr to west of NC 904
Map 5: SR 1319 (Union School Rd) from SR 1316 to US 17
Map 6: SR 1504 (Clemmons Rd) from SR 1316 to US 17
Map 7: SR 1333 (Project Rd) from SR 1326 to end of Pavement
Map 8: SR 1327 (New Britton Loop Rd) from SR 1333 to SR 1326
Map 9: SR 1337 (Marlow Rd) from SR 1336 to SR 1333
Map 10: SR 1308 (Etheridge Rd) from SR 1300 to NC 904
Map 11: SR 1335 (Myrtlehead Rd) from SR 1333 to SR 1336
Map 12: SR 1356 (Marlowtown Rd) from 1302 to SR EOM
Map 13: SR 1301 (McLamb Rd) from SR 1300 to SC line
Map 14: SR 1316 (Old Shallotte Rd) from NC 904 to US 17
Map 15: SR 1155 (Goose Creek Rd) from NC 179 to SR 1143
Map 16: SR 1304 (Pea Landing Rd) from US 17 to NC 904
Map 17: SR 1305 (No. 5 School Rd) from SR 1300 to SR 1304
Map 18: SR 1165 (Thomasboro Rd) from US 17 to SR 1164
Map 19: SR 1720 (Washington Rd) from US 17 Bus. To EOM
Map 20: SR 1312 (Mt. Zion Church Rd) from NC 904 to EOM
Map 21: SR 1315 (Russtown Rd) from SR 1313 to NC 904
Map 22: SR 1115 (Stone Chimney Rd./Old Ferry Connection) from NC 211 to intracoastal waterway

2018 New Hanover County Resurfacing (C204135) US 17 Bus/US 76, US 421, NC 132, and various secondary roads

Estimated Contract Completion Date: April 2019

Percent Complete: 11.62%

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

1. NC 133 (flooding)Intersection of SR 1521 (Funston Road SE) and NC 133 in Brunswick County
   Approximately a mile in each direction of the intersection.
   WBS 80084
   Project let August 2019
   Anticipated Completion April 2020

2. Installation of traffic signal at US 17 & NC 87 (southern entrance) in Brunswick County
   WBS 47783; work began February 2018
   Completion Date: April 2019

3. Installation of traffic signals at the intersection of US 17 and Ocean Isle Beach Road, and the NB to SB U-turn location approximately 875 feet northeast of the referenced intersection in Brunswick County.
   WBS 47879; work began February 2018
   Completion Date: April 2019
   Located in GSATS Boundary.

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

High Value Bridge Program – Brunswick County

Old Oak Island Bridge (Brunswick 14: C204185) NC133 Country Club Drive; Girder Repair
Estimated Completion Date: June 2019
Percent complete: 20.91%

Holden Beach Bridge (Brunswick 71: C204254) NC130 Holden Beach Rd SW; Girder Repair
Estimated Completion Date: October 2019
Percent complete: 0%

Odell Williamson Bridge (Brunswick 13) NC904 Causeway Dr; Epoxy Coat Beam Ends
Let March 2019

Project Update List for New Hanover County

Projects Under Construction - NHC

R-2633 BA – (Wilmington Bypass: C203199) construct a 4-lane divided highway from US 74/76 (near Malmo) to SR 1430 (Cedar Hill Road).
Open to traffic on December 18, 2017.
Estimated Completion Date: January 2019 (inclusive of punch list and vegetation period)
Percent Complete: 90.29%

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.
Estimated Completion Date: January 2019
Percent Complete: 75.25%

U-3338B — (Kerr Avenue Widening: C203772) Widening of Kerr Ave. from Randall Prkway to MLK, Jr. Prkwy.
Widening Market St and installing island on N. Kerr
Estimated Completion date: June 2019
Percent Complete: 84.59%

R-2633D – (I-140 ITS: C204080) Intelligent Transportation System for I-140 (Wilmington Bypass) in Brunswick and New Hanover Counties – Communications Cable and Conduit Routing
Estimated Completion Date: May 2019
Percent Complete: 51.61%

U-4751 – (Military Cutoff Road Extension: C203980) extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass west of US 17 Business (Market Street) to US 17 Business (Market Street) SR 1403 (Middle Sound Loop Road).
Realignment of Lendire Road completed by state forces before project started.
Clearing and working on ramp from Gordon Rd to Market St
Estimated Completion date: April 2022
Percent Complete: 16.99%

Bridges Under Construction - NHC

Snow Cut Fender – (New Hanover 30: DC00218) Bridge on US 421 over SR 1532 and intracoastal waterway
Anticipated Completion date: January 2019
Perent Complete: 17.28%

Project Development - NHC

U-4902D: US 17 Business (Market Street) construct a "superstreet" (median) from SR 2734 (Marsh Oaks Drive) to Lendire Drive
Let Date December 2018

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

U-3338C: SR 1175 (Kerr Avenue) at US 74 (MLK Jr Pkwy) Construct interchange
Let Date December 2019

U-4902C: US 17 Business (Market Street) construct a superstreet (median) from Station Road to US 74 (MLK Parkway/Eastwood Rd); construct a SPUI at US 74 (MLK Parkway/Eastwood Rd) and Market St; Project extended on Eastwood Rd from Racine to Cardinal
Let Date February 2020

U-5710A: US 74 (Eastwood Road) construct roadway on new location between US 17 (Military Cutoff Road) & US 74 (Eastwood Road)
Let Date April 2020

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210
Let September 2020

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

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

U-5729: US 421 (Carolina Beach Road) from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway.
Let Date FY 2023

U-5731: US 74 (US 17/US 421 in Wilmington) Construct a Trumpet Interchange
Let Date FY 2023

U-5790: US 421 (Carolina Beach Road) Widen US 421 (Carolina Beach Rd) from NC132 (South College Rd) to Sanders Rd in Wilmington and construct Continuous Flow Intersection at US 421 and NC 132
Let Date June 2024

U-5792: US 74 (MLK Jr Parkway) at NC 132 (College Rd) Convert at-grade intersection to Tight Urban Diamond Interchange
Let Date June 2024

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

U-5863: NC 133 (Castle Hayne Rd) Widen to multi-lanes from I-140/US17 to SR 1310 (Division Dr)
Let Date FY 2024

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

U-4902B: US17 US 17 Business (Market Street) Median Project from CSX Railroad to Cinema Dr and from Jacksonville St to North of US 117/NC132 (College Rd)
Let Date FY 2025

U-5702A: NC 132 (College Rd) Access management and travel time improvements from SR 1272 (New Centre Drive) to US 117 (Shipyard Blvd)
Let Date FY 2025

U-5704: NC 132 (College Rd) Intersection improvement at US 76 (Oleander Dr); Quadrant intersection Design along Parkway Dr
Let Date FY 2025

U-5734: US 421 (South Front Street) Widen to multi-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)
Let Date FY 2025

U-5881: NC 132 (College Rd) Widen Roadway from SR 2048 (Gordon Rd) to SR 1272 (New Centre Dr) including interchanges at Kings Drive and Ringo St; project overlaps with U-5792
Let Date FY 2025

U-5702B: NC 132 (College Rd) Access management and travel time improvements from US 117 (Shipyard Blvd) to US 421 (Carolina Beach Rd)
Let Date FY 2027

U-6199: Wilmington Citywide Signal System Upgrade
Let Date FY 2027

U-6201: Kerr Avenue extension from Wrightsville Avenue to Oleander Dr
Let Date FY 2027

U-6128: US 76 (Oleander) & Greenville Loop Rd/Greenville Ave Dual Left Turns
Let Date Post Year

U-6202: Gordon Road widen from US 17 Market St to I-40
Let Date Post Year

U-4738: Cape Fear Crossing New entrance from Brunswick county to New Hanover County south of the Cape Fear Memorial
Let Date Post Year

Resurfacing Contracts - NHC

I-5760 (I-140: C203868) resurface from I-40 to US 421 & reconstruction of bridge joints
Remaining work: Joints and pavement markers
Estimated Contract Completion Date: TBD
Percent Complete: 90.9%

US 117/NC 132 S College Rd (C203888: W-5203AA, W-5601BB) from US 17 Business (Market Street) to SR 2313 (Wilshire Blvd.)
Remaining work: Pavement markings and markers
Estimated Contract Completion Date: February 2019
Percent Complete: 87.19%

2018 New Hanover County Resurfacing (C204135) US 17 Bus/US 76, US 421, NC 132, and various secondary roads
Estimated Contract Completion Date: April 2019
Percent Complete: 11.62%

High Value Bridge Program – NHC

Cape Fear Memorial Bridge (New Hanover 13: C204119) Structural Steel Repair, clean and grease ropes, lift span bearings
Estimated Completion Date: May 2019
Percent Complete: 69.8%

US76/Banks Channel (New Hanover 21) Girder repair, clean and paint bearings, epoxy caps
Let Date December 2018

Isabel Holmes Br (New Hanover 11) Girder repair, upgrade/paint structural steel, replace grid floor
Let Date February 2019

Cape Fear (I-140 E) (New Hanover 48) Shear Strengthen
Let Date July 2019

Cape Fear (I-140 W) (New Hanover 49) Shear Strengthen
Let Date July 2019

Project Update List for Pender County

Under Construction – Pender County

SR-5001CB – (Sloop Point Multi Use Path: DC00151) from US 17 to SR 1694 (Masters Ln)
Estimated Completion Date: January 2019
Percent Complete: 40.3%

R-5783A/B – (TAP ADA Curb Ramp: DC00187) Division Wide contract to add missing curb ramps and bring existing curb ramps to ADA compliance.
Estimated Completion Date: January 2019
Percent Complete: 75.25%

B-5304 – (Pender 203: C203983) Replace bridge 203 on SR 1324 (Crooked Run Rd)
Estimated Completion Date: March 2019
Percent Complete: 97.79% (Awaiting 80% Vegetation Period)

B-4929 (Surf City Bridge on NC 50/210: C203789) Replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure.
Estimated Contract Completion Date December 2020
Percent Complete: 94.44%

Project Development – Pender County

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

R-3300A: US 17 Hampstead Bypass: Construct a four lane divided roadway on new location from US 17 south of Hampstead to NC 210 **Selected in P5.0 Regional – fully funded**
Let September 2020

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

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

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

Resurfacing Projects - Pender County

2017 Pender County Resurfacing Contract (C203952). 1-section of US-117 and 10 sections of various SR roads.
Estimated Completion Date: November 2018
Percent Complete: 100%

2018 Pender County Resurfacing Contract (C204090). 1-section of US-17, 1-section of NC-50, 1-section of NC-210, and 36 other various SR roads.
Estimated Completion Date: January 2019
Percent Complete: 85.4%

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

1. Hoover Road widening from proposed interchange to US 17 with 2' paved shoulders; currently under design
   WBS 47785
   Project let March 2019
   Anticipated Completion March 2020

This project list was updated on January 7, 2018.

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 2019

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

JANUARY TPD UPDATES WILMINGTON MPO

January 2019

New Business:

Wilmington Model Update – Future Year Model has been completed and sent to the Wilmington MPO.

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

Brunswick County Model - Future year and closeout is near completion. Brunswick County CTP study starting up once the model is complete, and CTP 2.0 rolls out.

Pender County CTP – Anticipated to start beginning of 2019, currently TPD is working out the new schedule to align with CTP 2.0.

Old Business:

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

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

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

Website: www.ncdot.gov

Location:
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

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

TPD has recently made the decision to temporarily pause the development of the STC Master Plans in order to reevaluate the scope and deliverables to make it a more useful and effective end product. A work group of internal and external partners to help reexamine this effort has met once in August and will meet again in September.

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

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

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

Performance Measures – PM2 and PM3 targets (pavement, bridge, and system performance) transmitted targets to FHWA on May 18, 2018. MPO's have 180 days to support NCDOT's targets or establish their own (Nov. 14, 2018).

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

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

representative from each MPO, RPO, State Agencies, and State Advocacy Groups across North Carolina.

Training: A recording of the 2017 MPO/RPO Ethics training webinar can be viewed at the following location: https://livestream.com/NC-DOT/events/7161243