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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: July 18, 2017
SUBJECT: July 26th meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, July 26th at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentation
 - a. Go Coast Program, Adrienne Harrington, WMPO
 - b. Wilmington Multi-modal Transportation Center Update, Albert Eby, Cape Fear Public Transportation Authority
- 7) Consent Agenda
 - a. Approval of Board Meeting Minutes- June 15, 2017 Special Meeting and June 28, 2017 Regular Meeting (p.3-13)
 - b. Opening of 30-day Public Comment Period for the DRAFT 2018-2027 STIP/MTIP for the Wilmington Urban Area MPO (p.14-34)
 - c. Resolution approving STIP/MTIP Amendment (May) (p.35-36)
 - d. Resolution supporting the submittal of Public Transportation Projects for Prioritization 5.0 (p.37-44)
 - e. Resolution supporting the submittal of Aviation Projects for Prioritization 5.0 (p.45-48)
 - f. Resolution accepting the Wilmington Rail Re-alignment and Right of Way Use Alternatives Feasibility Study and supporting the Mayor's Task Force recommendation to continue with the development of the project (p.49-50)
- 8) Regular Agenda

Wilmington Urban Area Metropolitan Planning Organization

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

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- a. Resolution supporting the removal of the Military Cutoff Road Multi-use Path (U-5527A) from the STIP/MTIP and to return the funds to the Direct Attributable Fund (p.51-52)
 - b. Resolution supporting the re-allocation of Direct Attributable funds from the Westgate Drive Multi-use Path (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use Path (U-5534J) project (p.53-55)
 - c. Resolution supporting the removal of the Westgate Drive Multi-use Path (U-5534P) from the STIP/MTIP (p.56)
 - d. Resolution amending the Wilmington Urban Area Metropolitan Planning Organization's Bylaws (p.57-61)
- 9) Discussion
- a. Prioritization 5.0 Rail Projects (p.62-64)
 - b. Direct Attributable Submittal Form Proposal (p.65-76)
- 10) Updates
- a. Crossing over the Cape Fear River (p. 77)
 - b. Wilmington Urban Area MPO (p.78-85)
 - c. Rail Re-alignment Task Force
 - d. Cape Fear Public Transportation Authority (p.86-88)
 - e. NCDOT Division (p.89-97)
 - f. NCDOT Transportation Planning Branch
- 11) Announcements
- a. WMPO Bike/Ped Committee Meeting- August 20th
- 12) Next meeting –August 30, 2017

Attachments

- Board Meeting Minutes- June 15, 2017
- Board Meeting Minutes- June 28, 2017
- DRAFT 2018-2027 STIP/MTIP
- Proposed STIP/MTIP Amendment (May)
- Resolution approving STIP/MTIP Amendment (May)
- Prioritization 5.0 Public Transportation memo
- Resolution supporting the submittal of Public Transportation Projects for Prioritization 5.0
- Prioritization 5.0 Aviation memo
- Resolution supporting the submittal of Aviation Projects for Prioritization 5.0
- Wilmington Rail Re-alignment and Right of Way Use Alternatives Feasibility Study can be found at http://wdc.wmpo.s3.amazonaws.com/wp-content/uploads/2017/04/WRR-Feasibility-Study_20170602_Final.pdf
- Resolution accepting the Wilmington Rail Re-alignment and Right of Way Use Alternatives Feasibility Study and supporting the Mayor's Task Force recommendation to continue with the development of the project
- Letter from the City of Wilmington
- Resolution supporting the removal of the Military Cutoff Road Multi-use Path (U-5527A) from the STIP/MTIP and to return the funds to the Direct Attributable Reserve Fund
- Resolution from the Town of Leland
- Resolution supporting the re-allocation of Direct Attributable funds from the Westgate Drive Multi-use Path (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use Path (U-5534J) project
- Resolution supporting the removal of the Westgate Drive Multi-use Path (U-5534P) from the STIP/MTIP
- Proposed Bylaw Amendments
- Resolution amending the Wilmington Urban Area Metropolitan Planning Organization Bylaws
- Prioritization 5.0 Rail Projects memo
- Revised Draft Direct Attributable Submittal Form
- Cape Fear River Crossing Update (July)
- Wilmington MPO Project Update (July)
- Cape Fear Public Transportation Authority Update (July)
- NCDOT Project Update (July)

Special Meeting
Wednesday, June 15, 2017
6th Floor Conference Room, 320 Chestnut Street

Members in Attendance

Gary Doetsch, Town of Carolina Beach
David Piepmeyer, Pender County
Pat Batleman, Town of Leland
Mike Forte, Brunswick County
Charlie Rivenbark, City of Wilmington
Emilie Swearingen, Town of Kure Beach

Others:

James H. Trogdon III, Secretary of the N.C. Department of Transportation
Karen Collette, Division Engineer, NCDOT
Mike Kozlosky, WMPO Executive Director

1. Call to order:

Mr. Doetsch called the Special Meeting to order at 3:05 p.m. He reminded the Board that no action would be taken in the absence of a quorum.

2. Discussion of North Carolina Department of Transportation and Wilmington Urban Area MPO Initiatives with NCDOT Secretary Jim Trogdon III

Mr. Trogdon expressed appreciation to the Board. He stated that he served for 25 years at NCDOT, the last three (3) years as a consulting engineer on the east coast, and the last year at the SAS Institute addressing traffic issues nationwide. He pointed out that although needs differ from city to city, there are no new transportation problems – only new opportunities to apply lessons learned with the right applications and support.

Mr. Trogdon stated that his first priority is improvement of project delivery. He noted that in the last five (5) years on schedule delivery of projects within the TIP averaged 78 percent (statewide, 95%; regional, 50%; and Division, 60%). He pointed out that the focus is to stay on schedule, and for the Divisions to deliver more Regional and Division-tier projects with compressed and improved timelines. He expressed the desire to reduce cycles from 10 and 14 years, to one to three (1-3) years.

A brief question/answer and discussion period was held.

Mr. Trogdon told members that he requested a delay in the approval of the draft TIP from this June in order to add 100 more projects through streamlining, cash management, and project acceleration. He noted that some unfunded projects would advance into years 6, 7, 8 and 9, and projects in those years may advance to the committed category. He added that a reset schedule should be available by the end of the month.

Mr. Trogdon stated although the General Assembly approved bonds for \$1.4 billion; it denied infrastructure bonds for \$2 billion due to an existing balance of \$1.7 billion committed to projects not delivered. He noted that making project delivery a priority for

two (2) years would reduce the cash balance on committed projects to under a billion dollars.

Mr. Trogdon stated that he has been tracking Division and central office projects monthly. He expressed the desire to extend the higher delivery rate from two (2) to five (5) years, and for transportation bonds to be reconsidered for unfunded requests, which are predominately at the Regional and Division levels. He added that this would focus the Garvey capacity on the Statewide tier to address projects with corridor caps and others that require substantially more investment than what can be accomplished in five (5) years. He noted that he's working closely with the General Assembly to achieve this.

Mr. Trogdon pointed out that the CAFE (Corporate Average Fuel Economy) standards are being aggressively incorporated into the vehicle fleet. He noted that two (2) years ago the average vehicle sold had 24 mpg; this year, it's 34 mpg; and by 2025, 54 mpg, which doesn't include the exponential growth of electric vehicles. He commented that this will significantly impact revenue sources in the future.

As a second priority, Mr. Trogdon expressed concerns and is preparing for a possible crisis that may occur between 2021 and 2025 involving the replacement of motor fuels revenue and reducing dependence on federal investment. He noted that the state is 50 percent dependent on motor fuels and the federal government, 70 percent. He pointed out that transfers from the (federal) general fund will no longer be available after 2021. He expressed concerns regarding the FTA (Federal Transit Administration) and the FAA (Federal Aviation Administration) with participation winding down. He commented that the FAA may focus primarily on air traffic control over CIP funding; although, planes can't land on cracked pavement or on short runways.

Mr. Trogdon pointed out that North Carolina is the ninth most populous state; and fifth highest for traffic fatalities. He expressed concerns regarding a lack of tools and partners to address behavioral drivers of that statistic (speeding, DUI/DWI, driving while distracted, leaving the roadway for no reason, etc.). He welcomed advice and volunteers to pilot impactful, and perhaps controversial ideas.

In response to an inquiry by Ms. Swearingen, Mr. Kozlosky stated that New Hanover County ranks higher in vehicular crash rate; but not in gross numbers.

Mr. Trogdon stated that his third priority is to support the state's economy by improving mobility and reducing congestion. He noted that one strategy is to break out projects from the STI that can't compete with those projects less than \$1 million to \$2 million such as the Hampstead Bypass. He noted that good legislative support exists for combining things at the Division level and from the highway fund (Mobility and Modernization). He added that additional resources may be realized following success of such a program.

A question/answer and discussion period was held.

Mr. Trogdon stated that his next priority would be to continue to improve bridges and pavements across the state. Although this has improved over the last five (5) to ten (10) years, the focus on bridges needs to be redirected funds from those on secondary (10%)

roads to primary roads (68%). He noted that improvements would also be seen in appearances, such as mowing and litter control, vegetation growing around guardrail signs, and better striping for safety and visibility. A brief question/ answer and discussion period was held.

Mr. Trogon stated that the final priority is new technology. He noted that a center has been created in partnership with NC State and others partners for the use of drones or Unmanned Air Systems (UAS). He added that several years ago when the FAA was publishing the rules, no UASs were commercially registered. Now, there are a little more than 20,000, which outnumber registered aircrafts and are expected to continue to grow.

Mr. Trogon stated that UASs are being researched for transportation purposes such as enhanced mapping, conditions assessments, disaster response, and incident management, and in partnership with other agencies such as law enforcement. He noted that rapid growth of the technology is anticipated with benefits of increased efficiency, reduced response time, and cost savings. He added that unmanned aerial systems are being researched for moving people in Europe and the UK, as well as for UPS and fast food delivery.

Mr. Trogon commented that preparation for connected and autonomous vehicles is even more important. He stated that the Triangle Expressway is one of 10 test sites across the nation with an opportunity for familiarization and preparation of processes, policies, planning tools, and laws in order to enhance mobility.

Mr. Trogon pointed out that significant impactors to the economy will include the Department's partnership with CSX and CCX intermodal facility, and the Ports with rail improvements such as the Carolina Queen City Express intermodal service in preparation for enhanced transatlantic/transpacific container service to/from the Ports. He commented that the next four (4) years will set the tone for competing interests nationally. Although transportation is a small part of the national budget, it's critical to all states, increasing the importance of being poised to leverage projects such as the President's infrastructure proposal.

A lengthy question/answer and discussion period was held.

Mr. Trogon expressed appreciation to the Board.

Mr. Doetsch expressed concerns regarding the impact to attendance caused by a conflicting meeting to address water quality.

3. Adjournment:

With no other business, the meeting adjourned at 3:58 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.**

Board Meeting Minutes
6th Floor Conference Room, 320 Chestnut Street
Wednesday, June 28, 2017

Members Present:

Gary Doetsch, Town of Carolina Beach
David Piepmeyer, Pender County
Neil Anderson, City of Wilmington
Pat Batleman, Town of Leland
Emilie Swearingen, Town of Kure Beach
Skip Watkins, New Hanover County
Frank Williams, Brunswick County

Others Present:

Mike Kozlosky, Executive Director, WMPO
Donna Schardien, Town of Belville
Noreen Slattery, Town of Belville
Wayne Hyatt, Project Manager, Moffatt & Nichol
Matt Nichols, Attorney, Smith Moore Leatherwood PLLC
Nikki Cooper, Paralegal, Smith Moore Leatherwood PLLC

1. Call to Order

Mr. Doetsch called the meeting to order at 3:04 p.m.

2. Conflict of Interest Reminder

Mr. Doetsch asked if any members had a conflict of interest with any items on the meeting agenda. No members reported having a conflict of interest.

3. Approval of Board Members' Excused Absence

Mr. Kozlosky stated that Mr. Barfield, Mr. Rivenbark, Mr. Miller and Mr. Zimmer requested to be excused from today's meeting.

Mr. Watkins and Mr. Piepmeyer expressed concerns regarding Mr. Zimmer's and/or Mr. McComas' inability to attend due a persistent scheduling conflict.

Mr. Kozlosky pointed out that the NC Board of Transportation regularly meets the first Wednesday of the month with the exception of the last two months. He indicated that he would discuss these concerns with Mr. Zimmer.

In response to an inquiry by Ms. Batleman, Mr. Kozlosky stated that Mayor Willis had indicated that he would be present today.

Mr. Piepmeyer made a motion to excuse the absence of Mr. Barfield, Mr. Rivenbark, Mr. Miller and Mr. Zimmer. Mr. Williams seconded the motion, and it carried unanimously.

Mr. Williams and Mr. Doetsch acknowledged the presence of a new member.

Ms. Donna Schardien, Town of Belville, introduced herself and acknowledged the presence of her alternate, Ms. Noreen Slattery.

In response to an inquiry by Mr. Doetsch, Ms. Schardien stated that she would submit the appropriate ethics documents prior to actively participating on the Board.

4. Approval of Agenda

Mr. Kozlosky requested to add two (2) items to the agenda – a potential bylaw amendment, and MPO staffing. He noted that Ms. Padgett has been delayed and requested to move the presentation on the Rail Realignment Feasibility Study to later in the agenda. He acknowledged the presence of the consultant, Mr. Wayne Hyatt of Moffatt & Nichol.

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

5. Public Comment Period

No public comment speakers were present.

6. Consent Agenda

a. Approval of WMPO Board Meeting Minutes

The minutes for the May 31, 2017 meeting were approved unanimously.

b. Resolution supporting the submittal of Ferry and Waterway Projects for Prioritization 5.0

c. Resolution requesting the North Carolina Department of Transportation Division of Motor Vehicles update the North Carolina Driver's Handbook for bicycle and pedestrian safety

Ms. Swearingen made the motion to approve Consent Agenda Items 7a through 7c.

Ms. Batleman seconded the motion and it carried unanimously.

7. Regular Agenda

a. Resolution supporting the submittal of Bike/Pedestrian Projects for Prioritization 5.0

Ms. Doliboa told members that this is the same list that was presented for discussion at the Board's May 31, 2017 meeting. She stated that no changes have been made. She noted that staff recommends moving forward with the list as is.

Mr. Watkins made the motion to approve the Resolution supporting the submittal of Bike/Pedestrian Projects for Prioritization 5.0. Mr. Watkins seconded the motion and it carried unanimously.

b. Resolution supporting the submittal of Highway Projects for Prioritization 5.0

Ms. Motsinger told members that this item is similar to the one considered for discussion during the Board's May 31, 2017 meeting. She noted that a few of the projects were submitted twice in different formats, and one (the widening of NC 133) was split into two phases. She attributed the modifications to suggestions by NCDOT's Strategic Prioritization of Transportation Office Group to achieve higher scoring and increase the likelihood of funding during the prioritization process.

Ms. Batleman and Mr. Williams expressed concerns regarding the beginning and ending points for the NC 133 widening at Westport Drive (Projects #14 and #15), and requested a change to Jackeys Creek to minimize traffic impacts.

Mr. Williams pointed out that an intersection improvement or a stop light is needed with the opening of the Mallory Creek connector to Brunswick Forest.

Mr. Kozlosky stated that conversations were held with the Town of Leland and NCDOT yesterday regarding a potential traffic signal at that location. He noted that some additional actions would be taken by the state to determine if a signal would meet warrants, which will be delayed a few months following its opening for traffic to normalize. A question/answer and discussion period was held.

Mr. Williams made the motion to approve the Resolution supporting the submittal of Highway Projects for Prioritization 5.0 as amended, replacing both occurrences of Westport Drive with Jackeys Creek. Mr. Anderson seconded the motion.

In response to an inquiry by Ms. Swearingen regarding Project #R57, Mr. Kozlosky stated that the project would widen River Road to four (4) lanes.

Mr. Kozlosky reminded members that this action would submit projects for scoring and consideration for funding by NCDOT. Ms. Motsinger added that this prioritization is for the 2020-2030 STIP (State Transportation Improvement Plan).

Mr. Doetsch called the question and the motion carried unanimously.

8. Discussion

a. Prioritization 5.0 Public Transportation Projects

Ms. Motsinger told members that the list of potential public transportation projects to be submitted for Prioritization 5.0 was compiled in coordination with Mr. Albert Eby, Director, and Ms. Megan Matheny, Deputy Director of the Cape Fear Public Transportation Authority.

Ms. Batleman expressed appreciation for the Brunswick Connector.

9. Presentation

a. Rail Re-alignment Feasibility Study, Laura Padgett, Chair of Mayor's Task Force on the Rail Re-alignment

Ms. Padgett expressed appreciation and introduced Mr. Wayne Hyatt, Project Manager, Moffatt & Nichol. She commented that the Feasibility Study reveals some good news; although, the rail industry is rapidly changing and more study will be required.

Mr. Hyatt gave a summary of findings from the Rail Re-alignment Feasibility Study. He stated that the study commenced in July of 2016, and progressed through data collection and analysis for two (2) projects interdependent as one – the rail realignment and reuse of the corridor for public transit. He added that the study marks a point in time on the verge of a new U.S. administration, a new State of N.C. administration, new leadership at CSX, and a new strategic plan for the Port.

Mr. Hyatt stated that the study is comprised of a series of 12 technical reports with the study area limited to locations where the rail corridor could be placed and the existing beltline railroad (from the Hilton bridge, around to the "Y," and back around and down to the Port). He added that the study is not capable of analyzing features outside the study area to determine benefits and impacts based on a potential NEPA study – the next step in progressing to environmental and construction phases.

Mr. Hyatt stated that the presentation of the feasibility study to this body is a final phase, pending any comments from the City Council and WMPO Board that would result in revisions or comments on the report. He reported that at this phase of the study, no “fatal flaws” were found preventing either or both of the projects from moving forward. He noted that there are benefits and impacts to environmental resources and human environments; and negotiations with government agencies and private industry will be required; and marketing concerns exist. He pointed out that the National Surface Transportation Board (STB) will play a prominent role in the reuse of the existing beltway and rail realignment.

A question/answer and discussion period was held.

Mr. Hyatt gave an overview of proposed alignments and areas of concern (the turning basin, Battleship, and Royal Tract). He noted that environmental impacts increase for alignments toward the west, and economic impacts increase toward the east. He added that the cost increases for an alignment across U.S. Route 74. He stated that several interviews with the Port and CSX helped define potential corridors as follows:

Corridor A (Western Alignment): Starts at Yadkin Junction; crosses the Royal Tract on a former railroad right-of-way; runs just outside properties that can be improved with freight service; moveable bridge;

Corridor B (Central Alignment): Further east than Corridor A; crosses further into industrial properties; crosses U.S. 74 and Cape Fear River (moveable bridge);

Corridor C (Easternmost Alignment): Approaches, but does not cross U.S. 74; minimizes impacts to the conservation easement; impacts developable property along the roadway; uses a portion of the NCDOT right-of-way along U.S. 74; avoids the interchange and Battleship property, although some reworking of the interchange and entrance to the Battleship may be required; uses existing bridge clearance; requires a new bridge.

A question/ answer and discussion period was held.

Mr. Hyatt pointed out that identifying potential funding sources will be critical to the success of the railroad realignment, which will potentially be under the FRA (Federal Railroad Administration) unless private funding is found. He noted that it will still be necessary to go through the Corps of Engineers regarding the river crossing and wetland impacts. He added that the FTA (Federal Transit Administration) will have jurisdiction over the transit portion. Although the two (2) entities are under the U.S. Department of Transportation, each has separate rules and regulations for funding, project approvals, and the safety of equipment and operations, and require specific logical termini.

Mr. Hyatt gave examples of funding sources such as the North Carolina Golden Leaf, and Port Growth. He noted that the economic greater return over 30 years totals \$291 million in undiscounted benefits based on the Port not expanding (0.22%) or \$395 million with expansion (0.67%). He gave a breakdown of benefits to quality of life, economic competitiveness, safety, state of good repair, and environmental sustainability.

Mr. Hyatt stated that project net present value uses a discount rate of three percent (3%) in 2015 dollars. He estimated cost at almost \$752 million for both projects, driven by the

large contingency factor associated with a higher level study. A question/answer and discussion period was held.

Mr. Hyatt estimated the net present value for the project due to its cost at \$367.7 million without Port expansion, and \$322.4 million with Port expansion. He noted that this does not include market aspects associated with increased product transit through the Port.

Following a lengthy question/answer and discussion period, Mr. Hyatt stated that a final report would be presented with an errata sheet for any changes that need to be made resulting from comments.

Ms. Padgett reminded the Board that the task force of 11 members included Mr. Jim Van Derzee, Regional Economic Director, CSXT; Ms. Laura Blair, State Ports; Ms. Pat Batleman, WMPO; Mr. Arthur Petteway, NCDOT Rail Division, and his predecessor, Mr. Marc Hamel; Mr. Frank Williams, Chair, Brunswick County Board of Commissioners; Ms. Beth Dawson, former New Hanover County Commissioner; Dr. Earl Sheridan, Wilmington City Council; and Mr. Randy McIntyre, MCO Transport (one of the three shippers on the north end of the track). She noted that most shippers do not get a rail car a day, and are served by a CSX shuttle to Davis Yard and west.

Ms. Padgett urged acceptance of the report and commented that a partnership with CSX will be crucial. She pointed out that CSX's new CEO, Mr. E. Hunter Harrison, values innovation and tightly scheduled shipping, which may be an opportunity for other uses of the proposed short line track.

Ms. Padgett pointed out that expansion of the Port has begun, and its five (5)-year plan is being finished. She noted that the 2016 Plan excluded Enviva, Vertex, the Queen City Express, the coming intermodal facility in Rocky Mount, the Carolina Connector, and a potential connector from Columbus County. She commented that the Task Force has been in touch with private rail companies, who continue to express an interest in this project and a potential opportunity for some private funding.

Ms. Padgett stated that the next step would be to further study the engineering, and a broader-reaching marketing study to include the Pender Industrial Park and other state and regional development, such as in Columbus County. A lengthy question/answer and discussion period was held.

Mr. Kozlosky stated that the intent of today was to educate the Board as to the feasibility study. He advised that the Board consider a Resolution of support after the City considers one to accept the report and the Task Force's recommendation, potentially in August. He commented that the Board would continue to work with Ms. Padgett, who has some ideas about how to proceed.

The Board expressed appreciation to Ms. Padgett.

8. Discussion (continued)

b. Prioritization 5.0 Aviation Projects

Ms. Kozlosky reminded members that included in the agenda packet is a memo and list of aviation projects that staff proposes to submit to NCDOT in Prioritization 5.0. He noted that staff coordinated with Wilmington International Airport. He added that the list will be brought back for adoption at the Board's next meeting.

c. Direct Attributable Submittal Form Proposal

Ms. Kozlosky told members that during the organizational analysis and the SWOT analysis, partners expressed a desire to consolidate the application for Direct Attributable funds for both Transportation Alternatives and Surface Transportation Block Grant Program funds. He noted that staff developed a draft that was brought to the Technical Coordinating Committee (TCC) in June for discussion, with revisions to be returned to the TCC's July meeting for additional comments. He added that this Item would be brought forward for approval at the Board's July or August meeting.

10. Updates

Mr. Doetsch reminded the Board that updates are included in the agenda packet. He announced that the next Bike/Ped Committee meeting would be held August 20, 2017 and the next WMPO Board meeting would be held July 26, 2017.

9. Discussion (continued)

d. Special Meeting for Map Act Update

In response to an inquiry by Mr. Piepmeyer, Ms. Motsinger stated that a Citizens Advisory Committee meeting would be held in July.

Mr. Kozlosky reminded the Board that it directed him to schedule a meeting with the Board's counsel regarding the Map Act cases. He noted that due to scheduling conflicts, no update has occurred. He added that the MPO has received at least one additional filing. He noted that counsel has provided several other dates of potential availability in July. He reminded the Board that its next regularly scheduled meeting is July 26, 2017.

The Board expressed concerns. A consensus of members expressed the desire for a meeting before or after the Board's next regularly scheduled meeting on July 26, 2017. Mr. Piepmeyer expressed regret that he would be unable to attend.

e. Potential Amendment to MPO Board Bylaws

Mr. Kozlosky stated that yesterday the Town of Belville appointed Ms. Schardien and requested to know the number of alternatives that could be appointed. He pointed out that the Bylaws are not specific. He proposed to amend the Bylaws to designate a specific number and to clean up the language revising the name of the Board. He added that the State Ethics Commission indicated that numerous MPOs and RPOs specify that each member have one alternate.

A question/answer and discussion period was held.

It was the consensus of the Board that only one alternate be designated.

Mr. Kozlosky stated that a revised set of Bylaws would be brought forward for consideration at the Board's July meeting.

f. Staffing Challenges

Mr. Kozlosky reported that three (3) resignations have been received during the course of the past few weeks; essentially eliminating the MPO's Long Range Planning section. He noted that Mr. Lopez, Ms. Doliboa, and Ms. Motsinger will be leaving in the month of July. He commented that this may delay items on the work plan. He reported that five (5) vacancies exist currently.

In response to an inquiry by Mr. Williams, Mr. Kozlosky attributed the loss to a number of different reasons including returning to practice law, relocating to Colorado, or taking a job in the private sector or New Hanover County.

Mr. Doetsch requested a study and recommendations to help prevent future loss.

Mr. Williams expressed appreciation to the staff who will be leaving.

Mr. Kozlosky commented that some time will be needed to re-staff and for new staff to learn the area. A brief question/answer and discussion period was held.

11. Adjournment

With no further business, the meeting was adjourned at 3:58 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

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible]

NEW HANOVER	I-40	I-5357	SOUTH OF US 117 (MILE MARKER 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.	11230	11230
PENDER		SW		14.9	

NEW HANOVER	I-140	I-5760	I-40 TO US 421. PAVEMENT REHABILITATION.	6.6	5520	5520
			SW			

RURAL PROJECTS					
BRUNSWICK	US 17/US 74/US 76	R-3601	NC 133/SR 1472 (VILLAGE ROAD)	1.5	65190
NEW HANOVER			INTERCHANGE TO THE US 421/NC 133		
		TRN	INTERCHANGE. ADD ADDITIONAL LANES ON NORTH AND SOUTHBOUND LANES AND WIDEN BRIDGE 090107 AND BRIDGE 090108.		

BRUNSWICK	VARIOUS	R-5783	DIVISION 3 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS.	596	596
DUPLIN					
NEW HANOVER					
ONSLOW					

[illegible]

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).

PLANNING/DESIGN IN PROGRESS; GARVEE BOND FUNDING \$31.05 M FOR SEGMENT AA; PAYBACK FY 2010-2021 - GARVEE BOND FUNDING \$50 M FOR SEGMENT BA; PAYBACK FY 2013-2024 - GARVEE BOND FUNDING 2013-2024

[illegible]

REG B NC 210 TO US 17 NORTH OF HAMPSTEAD. - PLANNING/DESIGN IN PROGRESS

REG B NC 210 TO US 17 NORTH OF HAMPSTEAD. - PLANNING/DESIGN IN PROGRESS

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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	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
URBAN PROJECTS PENDER	US 17	U-5732	SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET.	5.5	23414	3255	T	R	4724												
							T	U	567												
							T														
							T	C	750	A											
REG A SR 1570 (FACTORY ROAD) TO DAN OWEN DRIVE. - PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	US 17 BUSINESS (MARKET STREET)	U-4902	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	67307	4857	T	R	500	B											
							T														
							T														
							T														
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). - PLANNING/DESIGN 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). - RIGHT OF WAY IN PROGRESS																					
PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	US 74	U-5731	US 17/US 421 IN WILMINGTON. CONSTRUCT A FLY-OVER AND FREE FLOW RAMP AT INTERCHANGE.	1.0	36700	700	T														
							T														
							T														
							T														
SW																					
PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	U-5729	US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY.	1.6	18675	1500	T			R	3000	RE									
							T				R	1000	SW								
							T				U	275	RE								
							T				U	500	SW								
REG US 421 (BURNETT AVENUE) TO US 117 (SHIPYARD BOULEVARD) IN WILMINGTON. UPGRADE ROADWAY. - PLANNING/DESIGN IN PROGRESS																					
SW US 117 (SHIPYARD BOULEVARD). INTERSECTION IMPROVEMENTS. - PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	NC 132 (COLLEGE ROAD)	U-5881	SR 2048 (GORDON ROAD) TO SR 1272 (NEW CENTRE DRIVE). UPGRADE ROADWAY.	2.9	82450	750	T														
							T														
							T														
							T														
SW																					
PLANNING/DESIGN IN PROGRESS																					
BRUNSWICK	NC 133	U-5914	US 17/US 74/US 76 TO SR 1554 (OLD RIVER ROAD). MODERNIZE ROADWAY.	0.5	5880	750	T														
							DIV														
PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	NC 133 (CASTLE HAYNE ROAD)	U-5954	NORTH 23RD STREET. CONSTRUCT A ROUNDABOUT.	1.0	1030		T														
							T														
							T														
							T														
REG																					
PLANNING/DESIGN IN PROGRESS																					
NEW HANOVER	NC 133 (CASTLE HAYNE ROAD)	U-5863	I-140/US 17 (WILMINGTON BYPASS) TO SR 1310 (DIVISION DRIVE) IN WILMINGTON. WIDEN TO MULT-LANES	3.7	31374	1000	T														
							T														
							T														
							T														
REG																					
PLANNING/DESIGN IN PROGRESS																					

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																					
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS					
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		FY 2027				
URBAN PROJECTS																					
NEW HANOVER	SR 1175 (KERR AVENUE)	U-3338	RANDALL PARKWAY TO US 74 (MLK, JR. PARKWAY) IN WILMINGTON. WIDEN TO MULTI-LANES.	3.2	85551	STBG	R	3913	C	R	3912	C									
						STBG	U	1030	C												
						STBG					C	14400	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). - PLANNING/DESIGN IN PROGRESS																					
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	155425	STBG															
						STBG															
						STBG															
						DIV															
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	169045	T	C	22700		C	22700		C	22700							
						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															
NEW HANOVER	NEW ROUTE	U-5926	SR 1302 (23RD STREET) TO 26TH STREET. CONSTRUCT ROUTE ON NEW LOCATION. ECONOMIC DEVELOPMENT PROJECT.	6447	1125	L															
						T															
						L															
						DIV															
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5525	WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION PLANNING ALLOCATION AND UNIFIED WORK PROGRAM.	3000	STBGDA L	PE	240	PE	240	PE	240	PE	240	PE	240	PE	240				
						PE	60	PE	60	PE	60	PE	60	PE	60	PE	60	PE	60		
						DIV															
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5989	WILMINGTON URBAN METROPOLITAN PLANNING ORGANIZATION STBGDA RESERVE ACCOUNT.	22380	STBGDA	C	2238		C	2238		C	2238		C	2238					
						DIV															
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5534	WILMINGTON URBAN AREA MPO STP-DA PROGRAM.	11245	STBGDA L	R	125		R	125		R	125		R	125					
						R	125		R	125		R	125		R	125		R	125		
						STBGDA	C	381		C	381		C	381		C	381		C	381	
						L		C	381		C	381		C	381		C	381		C	381
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.	9.5	1161641	BOND R												R 129000			
						BOND R														U 6000	
						BOND R														C 1017000	
						PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY USING STPDA FUNDING FROM WILMINGTON MPO															

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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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	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS
								FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
FEASIBILITY STUDIES																		
NEW HANOVER	US 421 (CAROLINA BEACH ROAD)	FS-1003B		SANDERS ROAD TO NC 132 (COLLEGE ROAD). WIDEN ROADWAY.														
FEASIBILITY STUDY IN PROGRESS																		
BRIDGE PROJECTS																		
NEW HANOVER	SR 1100 (RIVER ROAD)	B-5236		REPLACE BRIDGE 640019 OVER LORDS CREEK.		1955	1955											
		HF																
UNDER CONSTRUCTION																		
BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON	VARIOUS	BD-5103		DIVISION 3 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.		16008	16008											
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																		
MITIGATION PROJECTS																		
BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON	VARIOUS	EE-4903		ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 3 PROJECT MITIGATION.		5505	5505											
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																		
IN PROGRESS																		
HIGHWAY SAFETY PROJECTS																		
NEW HANOVER	NC 133	W-5306 TRN		US 117/NC 132 (COLLEGE ROAD) IN CASTLE HAYNE. CONSTRUCT A ROUNDABOUT.		2497	2497											
UNDER CONSTRUCTION																		
BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON	VARIOUS	W-5703		SAFETY IMPROVEMENTS AT VARIOUS LOCATIONS IN DIVISION 3.		700		HSIP	R	C	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																		
BRUNSWICK DUPLIN NEW HANOVER ONSLow PENDER SAMPSON	VARIOUS	W-5203		DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		17939	17939											
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																		
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Tuesday, June 27, 2017

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	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS
								FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027

HIGHWAY SAFETY PROJECTS																		
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).

ENHANCEMENT (CALL PROJECTS)																		
ALAMANCE	VARIOUS		E-5501	FREEDOM ROADS. INSTALL INTERACTIVE		24	24											
BEAUFORT				WAYSIDE SIGNAGE FOR DESIGNATED SITES.														
BRUNSWICK																		
BUNCOMBE																		
CAMDEN																		
CHOWAN																		
Craven																		
DARE																		
DURHAM																		
EDGECOMBE																		
GUILFORD																		
HALIFAX																		
LENOIR																		
PASQUOTANK																		
WASHINGTON																		
WAYNE																		

TRN

AVIATION PROJECTS																		
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5797	VARIOUS IMPROVEMENTS.		500		T										
			SW															
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5796	INCREASE WIDTH OF ALL TAXIWAYS.		500		T										
			SW															

NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5713	PIPE DITCHES IN FBO #2 AREA.		1500	1500											
			SW															

UNDER CONSTRUCTION																		
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5730	EXTEND RUNWAY 6-24 PHASE 1		5000		T										
			SW					O										

NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5798	TAXIWAY IMPROVEMENTS.		500		T										
			SW															

NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5801	EXPANSION OF AIR CARRIER APRON.		500		T										
			SW															

NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)		AV-5704	UPGRADE AIRFIELD LIGHTING VAULT.		2400	2400											
			SW															

UNDER CONSTRUCTION																		
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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

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WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TABLE OF WORK / ESTIMATED COST IN THOUSANDS OF DOLLARS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS
							FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
FERRY PROJECTS																	
BEAUFORT	VARIOUS	F-5703	REPLACEMENT VESSEL (SUPPORT FLEET) FOR TUGS AND BARGES		10745												
BERTIE								C	10745								
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																	
DIV																	

BRUNSWICK	VARIOUS	F-5301	CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.		980	980										
CARTERET																
NEW HANOVER																
TRN																

UNDER CONSTRUCTION																
PUBLIC TRANSPORTATION PROJECTS																
BRUNSWICK	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TD-5291	BUS STOP SHELTER AMENITIES ROUTE 204.		136	FEDT L T								C 108 C 14 C 14		
REG																

NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TD-5292	BUS STOP SHELTER AMENITIES.		136	FEDT L T								C 108 C 14 C 14		
REG																

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																

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COUNTY		ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS	
PUBLIC TRANSPORTATION PROJECTS								FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5184	REPLACEMENT UNDER 30' LTV	HF		100	100	L											
							STPDA												
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5224	REPLACEMENT TROLLEY	HF		700		FBUS											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TD-4721	INTERMODAL FACILITY - LAND, PLANNING, DESIGN, AND CONSTRUCTION	HF		3000		L	C	600									
								STPDA	C	2400									
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-6186	REPLACE TRANSIT SYSTEM RADIOS	HF		100	100	FBUS											
								L											
								S											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5244	PREVENTIVE MAINTENANCE	HF		1256	1256	FBUS											
								L											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5245	PREVENTIVE MAINTENANCE	HF		3354	1608	FUZ	CP	854	CP	251							
								L	CP	264	CP	63	CP	63					
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TK-6176	ADMINISTRATION	HF		2863	1555	FNU	O	218		O	218	O	218				
								FNU											
								S											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6137	OPERATING ASSISTANCE	HF		636	636	JARC											
								L											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6121	OPERATING	HF		738	738	FNF											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-5135	DESIGN, ENGINEER, AND INSTALL 8 BUS STOP SHELTERS	HF		116	116	FNF											
								L											

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COUNTY		ROUTE/CITY	ID	NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST	STATE TRANSPORTATION IMPROVEMENT PROGRAM							DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
									FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
PUBLIC TRANSPORTATION PROJECTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6108	OPERATING ASSISTANCE - NEW FREEDOM	1872	1514	FNF	L	179	O	179	O	2129	O	2129	O	2129	O	2129	O	2759	O	2759	O	845	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O	2129	O	2759	O	845	O

DIV - Division Category	EX - Exempt Category
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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																									
COUNTY	ROUTE/CITY	ID	NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS								
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027								
PUBLIC TRANSPORTATION PROJECTS NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	HF	TO-9036	5310 CAPITAL PROJECT - REVENUE VEHICLE		117	117	FEPD																	
								L																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	HF	TO-8019	MOBILITY MANAGER		306	153	FEPD	CP	41	CP	41	CP	41											
								L	CP	10	CP	10	CP	10											
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	HF	TO-9011	CAPITAL - PURCHASE OF SERVICE		176	176	FEPD																	
								L																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	HF	TO-7005	5310 ADMINISTRATIVE OVERSIGHT		19	19	FEPD																	
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	HF	TS-5103	SAFETY & SECURITY - MIN. 1% SET ASIDE		326	182	FUZ	CP	22	CP	22	CP	22	CP	22	CP	22	CP	22	CP	22			
								L	CP	2	CP	2	CP	2	CP	2	CP	2	CP	2	CP	2	CP	2	CP
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	DIV	TG-5243	PREVENTATIVE MAINTENANCE.																					
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	DIV	TG-5246	ADA COMPLEMENTARY PARATRANSIT.		993	993	IN PROGRESS																	
NEW HANOVER	WAVE TRANSIT	REG	TG-6177	ROUTE 201 IN WILMINGTON. UPGRADE AMENITIES AT BUS STOPS.		66		FUZ																	
								L																	
								T																	

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SW - Statewide Category TRN - Transition Project

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	STATE TRANSPORTATION IMPROVEMENT PROGRAM						DEVELOPMENTAL PROGRAM						UNFUNDED					
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS						
INTERSTATE PROJECTS	STATEWIDE	VARIOUS	I-9999	INTERSTATE MAINTENANCE BALANCE.	306960		NHPIM	C	5000		C	5000		C	5000		C	96500		C	100000			
RURAL PROJECTS	STATEWIDE	VARIOUS	M-0515	RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION.	2750	250	T		R	250		R	250		R	250		R	250		R	250		
STATEWIDE	VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		4808	2308	T		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
STATEWIDE	VARIOUS		SW				T		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																								
STATEWIDE	VARIOUS	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		7130	2130	T		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
STATEWIDE	VARIOUS						T		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-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		4280	2680	T		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
STATEWIDE	VARIOUS						T		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-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8076	4076	T		PE	120 DIV	PE	120 DIV	PE	120 DIV	PE	120 DIV	PE	120 DIV	PE	120 DIV	PE	120 DIV		
							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
STATEWIDE	VARIOUS						T		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-0521	TRANSPORTATION PLANNING BRANCH, TRAFFIC FORECASTING FOR MISCELLANEOUS PROJECTS.		600	300	T		PE	100 DIV														
							T		PE	100 RE														
STATEWIDE	VARIOUS						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.																								
STATEWIDE	VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.		21257	12167	T		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
STATEWIDE	VARIOUS						T		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																								

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STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TOTAL PRIOR PROJ YEARS COST COST										STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED FUTURE YEARS	
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027															
RURAL PROJECTS STATEWIDE	VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		23328	13328	T	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												
				T	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW												
	DIV DIV DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
	REG REG DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
	SW SW DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
	IN PROGRESS																														
	STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398																								
	STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523																								
	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.																												
PROGRAM 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-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759																									
IN PROGRESS																															
STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		67523	37523	STBG	C	900	DIV	C	900	DIV	C	900	DIV	C	900	DIV												
							STBG	C	900	RE	C	900	RE	C	900	RE	C	900	RE												
							STBG	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-9999MM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		82759	72759	NHP	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												
							NHP	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												
							T	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												
DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION.																															
REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION.																															
SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION.																															
IN PROGRESS																															
URBAN PROJECTS STATEWIDE	VARIOUS	M-0505 DIV	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS.		3300	300	T	PE	300	PE	300	PE	300	PE	300	PE	300	PE	300												

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STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS			
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		FY 2027		
FEASIBILITY STUDIES STATEWIDE	VARIOUS	M-0452 SW	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064	T	PE	200	PE	200	PE	200	PE	200	PE	200		
BRIDGE PROJECTS																			
STATEWIDE	VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		339692	229692	STBG	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV
							STBG	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE
							STBG	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW
DIV DIV BRIDGE INSPECTION PROGRAM.																			
REG REG BRIDGE INSPECTION PROGRAM.																			
SW SW BRIDGE INSPECTION PROGRAM.																			
IN PROGRESS																			
STATEWIDE	VARIOUS	BK-5102 DIV	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027													
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	BK-5100 DIV	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000													
IN PROGRESS																			
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																			
HIGHWAY SAFETY PROJECTS STATEWIDE	VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		223850	223850	HSIP	C	3600	DIV	C	6750	DIV	C	7035	DIV	C	7110	DIV
							HSIP	C	3600	RE	C	6750	RE	C	7035	RE	C	7110	RE
							HSIP	C	4800	SW	C	9000	SW	C	9380	SW	C	9480	SW
DIV DIV HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			
REG REG HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			
SW SW HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																			

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STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID	NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										UNFUNDED		
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		FY 2027	FUTURE YEARS
							STATE TRANSPORTATION IMPROVEMENT PROGRAM						DEVELOPMENTAL PROGRAM						

HIGHWAY SAFETY PROJECTS									
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.

STATEWIDE	VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	71601	IN PROGRESS																			
					16601	HSIP	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							
					HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW							

PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV
PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE
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.

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.	180736	82736	HSIP	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV
						HSIP	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV
						HSIP	R	420	RE	R	420	RE	R	420	RE	R	420	RE
						HSIP	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE
						HSIP	R	560	SW	R	560	SW	R	560	SW	R	560	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW
						HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW

DIV DIV RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY.
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.

STATEWIDE	VARIOUS	W-5700	SIGNAL RETIMING TO IMPROVE SAFETY.	17000	2000	IN PROGRESS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	C	450	DIV	C	450	DIV	C	450</

DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY.
REG REG SIGNAL RETIMING TO IMPROVE SAFETY.
SW SW SIGNAL RETIMING TO IMPROVE SAFETY.

STATEWIDE	VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION: TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.	1500	1500	IN PROGRESS										

CONGESTION MITIGATION PROJECTS STATEWIDE	VARIOUS	C-5601	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.	5922	CMAQ	PE	235		PE	239																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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STATEWIDE	VARIOUS	C-3600 EX	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (IM) PROGRAM.	6702	6702	
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES						

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

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	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
								FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS			
CONGESTION MITIGATION PROJECTS																						
STATEWIDE	VARIOUS		C-5600	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		60260	18379	CMAQ	PE	1634	PE	1664										
								S(M)	PE	408	PE	416										
								CMAQ	R	1634	R	1664										
								S(M)	R	408	R	416										
								CMAQ	C	9803	C	9983										
								S(M)	C	2451	C	2496										
								CMAQ	O	1634	O	1664										
								S(M)	O	408	O	416										
								CMAQ	I	1634	I	1664										
								S(M)	I	408	I	416										
								S(M)	I	327	I	333										
EX																						
STATEWIDE	VARIOUS		C-5702	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. CONDUCT A CLEAN-FUEL ADVANCED TECHNOLOGY OUTREACH AND AWARENESS PROGRAM, INCLUDING EMISSIONS-REDUCING SUB-AWARDS, IN ALL CMAQ-ELIGIBLE COUNTIES.		4869	2994	CMAQ	OT	1500	C											
			EX					L	OT	375	C											
								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	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCE		C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		1500	1500															
STATEWIDE	NORTH CAROLINA STATE UNIVERSITY		C-4902	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694															
			EX					EX	A	PHASE 2 OF IMPLEMENTATION												
IN PROGRESS BY NCDENR DIVISION OF AIR QUALITY																						
STATEWIDE	STATEWIDE		C-9999	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		300000		CMAQ	C	30000	C	30000	C	30000	C	30000	C	30000	C	30000		
			EX																			
ENHANCEMENT (ROADSIDE PROJECTS)																						
STATEWIDE	VARIOUS		ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		42182	2182	STBG	C	1200	DIV	C	1200	DIV	C	1200	DIV	C	1200	DIV		
								STBG	C	1200	RE	C	1200	RE	C	1200	RE	C	1200	RE		
								STBG	C	1600	SW	C	1600	SW	C	1600	SW	C	1600	SW		
								DIV	DIV	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. - DIVISION CATEGORY. - IN PROGRESS												
								REG	REG	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. - REGIONAL CATEGORY. - IN PROGRESS												
								SW	SW	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. - STATEWIDE CATEGORY. - IN PROGRESS												
IN PROGRESS																						
STATEWIDE	VARIOUS		M-0451	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1312	612	T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV		
								T	PE	21	RE	PE	21	RE	PE	21	RE	PE	21	RE		
								T	PE	28	SW	PE	28	SW	PE	28	SW	PE	28	SW		
								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.												

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

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

STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	PROJ COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS											
							FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026		FY 2027										
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.		13519	13519	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																						
BICYCLE AND PEDESTRIAN PROJECTS																												
STATEWIDE	VARIOUS	E-4018 DIV	NATIONAL RECREATIONAL TRAILS.		12645	645	TAP	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200							
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-3314 TRN	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		6476	6476	IN PROGRESS																					
UNDER CONSTRUCTION																												
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.																									
IN PROGRESS																												
STATEWIDE	VARIOUS	EB-5542 DIV	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		11503	1503	STBG	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000							
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																					
STATEWIDE	GREYHOUND LINES	TI-6105 HF	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF	L																				
STATEWIDE	GREYHOUND LINES	TI-6106 HF	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU																					
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	NCDOT FERRY DIVISION	TA-6535 HF	CAPITAL		789	789	FNF	S																				

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STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS									
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PRIOR PROJ YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED			
						FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FUTURE YEARS		
PUBLIC TRANSPORTATION PROJECTS																			
STATEWIDE	REGIONAL COORDINATED AREA TRANSPORTION	TP-4901	PLANNING ASSISTANCE - RESEARCH SUPPORT ACTIVITIES		7769	5579	ESPR	CP	600	CP	600	CP	600						
							S	CP	150	CP	120	CP	120						
		HF																	
STATEWIDE	REGIONAL COORDINATED AREA TRANSPORTION	TT-9702A	TECHNOLOGY - ADMINISTRATION (ITRE)		50	50	UTCH												
		HF																	
STATEWIDE	STATEWIDE	TA-6665	5311 CAPITAL PROJECTS FOR RURAL AREAS		18676	11823	FNU	CP	4262										
							L	CP	620										
		HF					S	CP	1971										
STATEWIDE	STATEWIDE	TA-6666	PURCHASE REPLACEMENT VEHICLES		3735	1527	EBUS	CP	1806										
							L	CP	201										
		HF					S	CP	201										
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	TC-5004	5311 ADTAP CAPITAL PROJECTS FOR RURAL AREAS		5129	2310	ADTAP	CP	2264										
							L	CP	278										
		HF					S	CP	277										
STATEWIDE	STATEWIDE	TH-2000	TRAVELER'S AID PROGRAM		126	126	L												
		HF					S												
STATEWIDE	STATEWIDE	TI-6109	INTERCITY BUS SERVICE		9043	9043	FNU												
							L												
		HF					S												
STATEWIDE	STATEWIDE	TK-6181	5311 ADMINISTRATIVE PROJECTS FOR RURAL AREAS		35682	17973	FNU	AD	13423										
							L	AD	2630										
		HF					S	AD	1656										
STATEWIDE	STATEWIDE	TK-4902	STATE ADMINISTRATION OF APPALACHIAN DEVELOPMENT TRANSPORTATION ASSISTANCE PROGRAM		561	330	ADTAP	AD	231										
		HF																	
STATEWIDE	STATEWIDE	TK-4900Z	STATE ADMINISTRATION - RURAL AREA GENERAL PUBLIC TRANSIT SERVICES		19423	12180	FNU	AD	1743	AD	1100	AD	1100	AD	1100	AD	1100		
		HF																	

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STATEWIDE PROJECT

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																		
TOTAL PRIOR PROJ YEARS COST					STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED FUTURE YEARS			
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	(THOU)	(THOU)	FUNDS	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
PUBLIC TRANSPORTATION PROJECTS																		
STATEWIDE	STATEWIDE	TM-6155	OPERATING FUNDING FOR EXISTING PROJECTS STATEWIDE		350	350	JARC											
		HF					L											
STATEWIDE	STATEWIDE	TO-6135	5311 OPERATING PROJECTS FOR RURAL AREAS		4293	4293	FNU											
		HF					L											
STATEWIDE	STATEWIDE	TP-4902	STATEWIDE SUPPORT TO UPDATE LOCAL COMMUNITY TRANSPORTATION SERVICE PLANS - 5311		3710	3710	FNU											
		HF																
STATEWIDE	STATEWIDE	TO-9038	5310 CAPITAL PROJECTS FOR RURAL AREAS AND SMALL URBAN AREAS		7551	3226	FEPD	CP	3459									
		HF					L	CP	433									
							S	CP	433									
STATEWIDE	STATEWIDE	TO-9039	5310 MOBILITY MANAGEMENT PROJECTS FOR RURAL AREAS		657	657	FEPD											
		HF					L											
							S											
STATEWIDE	STATEWIDE	TO-6954	5310 OPERATING PROJECTS FOR RURAL AREAS		8670	4208	FEPD	O	2231									
		HF					L	O	2231									
STATEWIDE	STATEWIDE	TS-7000	DEVELOP AND IMPLEMENT AN ENHANCED STATE SAFETY OVERSIGHT PROGRAM		844	844	SSO											
		HF																
STATEWIDE	STATEWIDE	TS-4900Z	STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT)		2285	1873	RTAP	AD	412									
		HF																
STATEWIDE	STATEWIDE	TT-5205	NCDOT FERRY DIVISION WILL PURCHASE AND INSTALL VISUALS, PAGING SYSTEMS ON BOARD FIVE CLASS FERRY VESSELS		66	66	FNF											
		HF					S											
STATEWIDE	SUB REGIONAL	TM-5301	STATE ADMINISTRATION - JOB ACCESS NON-URBAN		5592	4092	JARC	AD	500	AD	500							
		HF																
STATEWIDE	SUB REGIONAL	TN-5112	STATE ADMINISTRATION - NEW FREEDOM - 5317		4270	3184	FNF	AD	386	AD	350	AD	350					
		HF																
STATEWIDE	SUB REGIONAL	TV-4903	STATE ADMINISTRATION - ELDERLY AND DISABLED PERSONS (FEDERAL PROGRAM)		9749	5930	FEPD	AD	569	AD	650	AD	650	AD	650			
		HF																

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TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY		ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ YEARS COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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STATEWIDE	VARIOUS		P-5602	STATEWIDE RAIL PRELIMINARY ENGINEERING		12001	2001T	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300

ADDITIONS to the Transit 2016-2025 STIP (May)

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-6186	Cape Fear Transportation Authority	Replacing system radios	FBUS	5339		80,000					
			State	S		10,000					
			Local	L		10,000					

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AN AMENDMENT TO THE
2016-2025 STATE /METROPOLITAN 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 2016-2025 State Transportation Improvement Program on June 4, 2015 and the Wilmington Urban Area Metropolitan Planning Organization adopted the Statewide/Metropolitan Transportation Improvement Program on June 24, 2015; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the State/Metropolitan Transportation Improvement Programs for project TG-6186; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2016-2025 State/Metropolitan Transportation Improvement Programs for project TG-6186.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



305 Chestnut Street
PO Box 1810
Wilmington, NC 28402
Ph: (910) 341-3258
Fax: (910) 341-7801
www.wmpo.org

TO: WMPO Board Members
FROM: Suraiya Motsinger, Senior Transportation Planner
DATE: July 3, 2017
SUBJECT: **WMPO Potential Prioritization 5.0 Public Transportation Project Submittals**

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 5.0 (P 5.0) process. The P 5.0 Process will include a submittal window from June-September. The WMPO Board began review of a draft submittal list in May 2017. The projects in the list below encompass staff's list of anticipated new project submittals for public transportation:

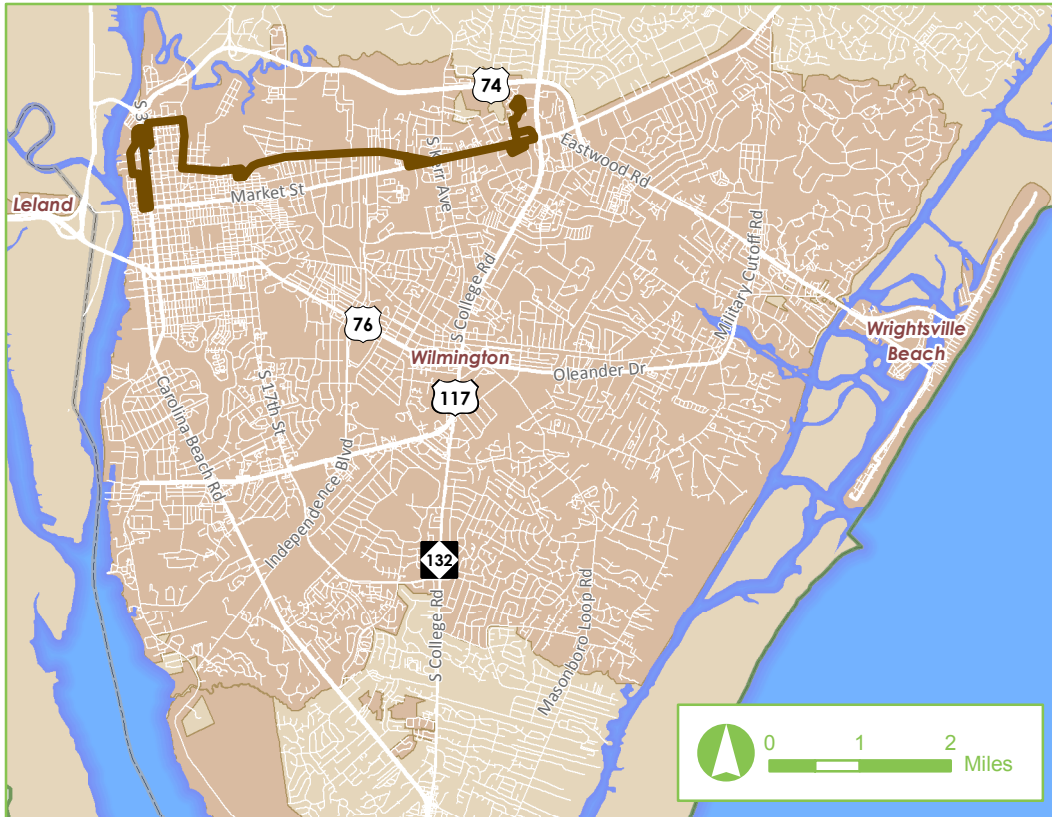
Public Transportation

1. Route 103 Amenity Upgrades (Oleander East)
2. Route 104 Amenity Upgrades (Northeast)
3. Route 106 Amenity Upgrades (Shipyard Boulevard)
4. Route 201 Amenity Upgrades (Carolina Beach Road)
5. Route 202 Amenity Upgrades (Oleander West)
6. Route 204 Amenity Upgrades (Brunswick Connector)
7. Route 205 Amenity Upgrades (Long Leaf Park)
8. MT-119 Wilmington Multimodal Transportation Center

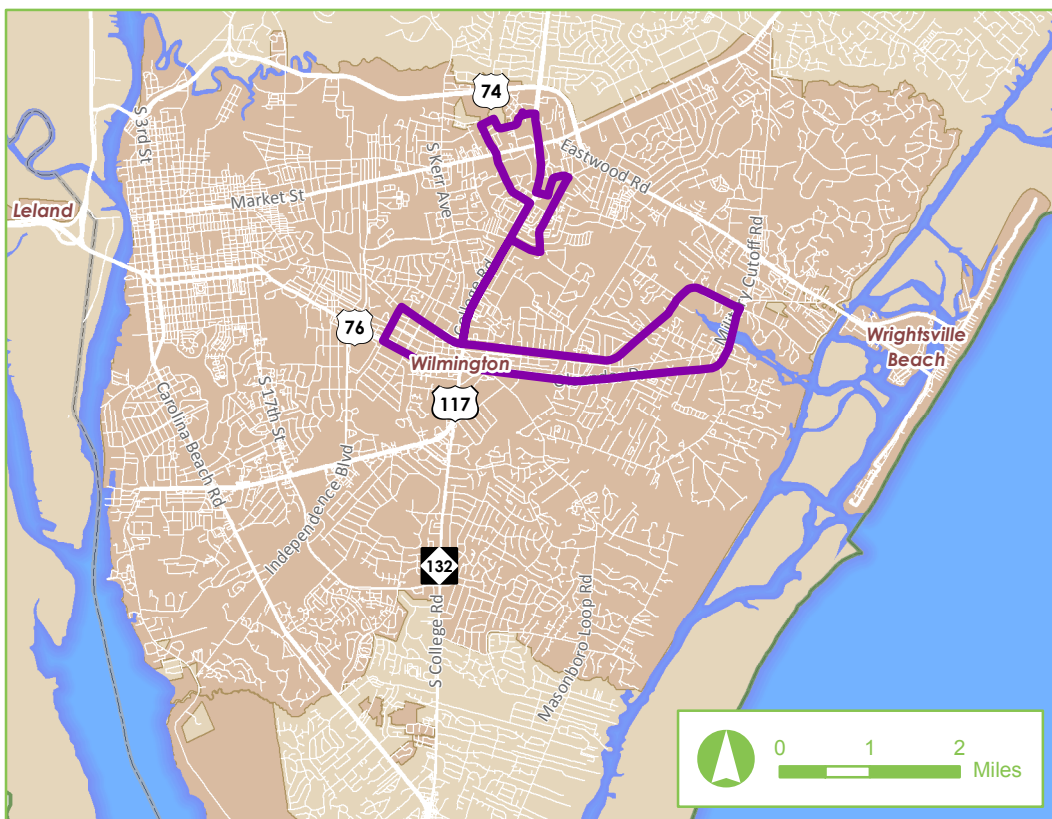


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 101 and 103 Amenity Upgrades



- Route 101
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

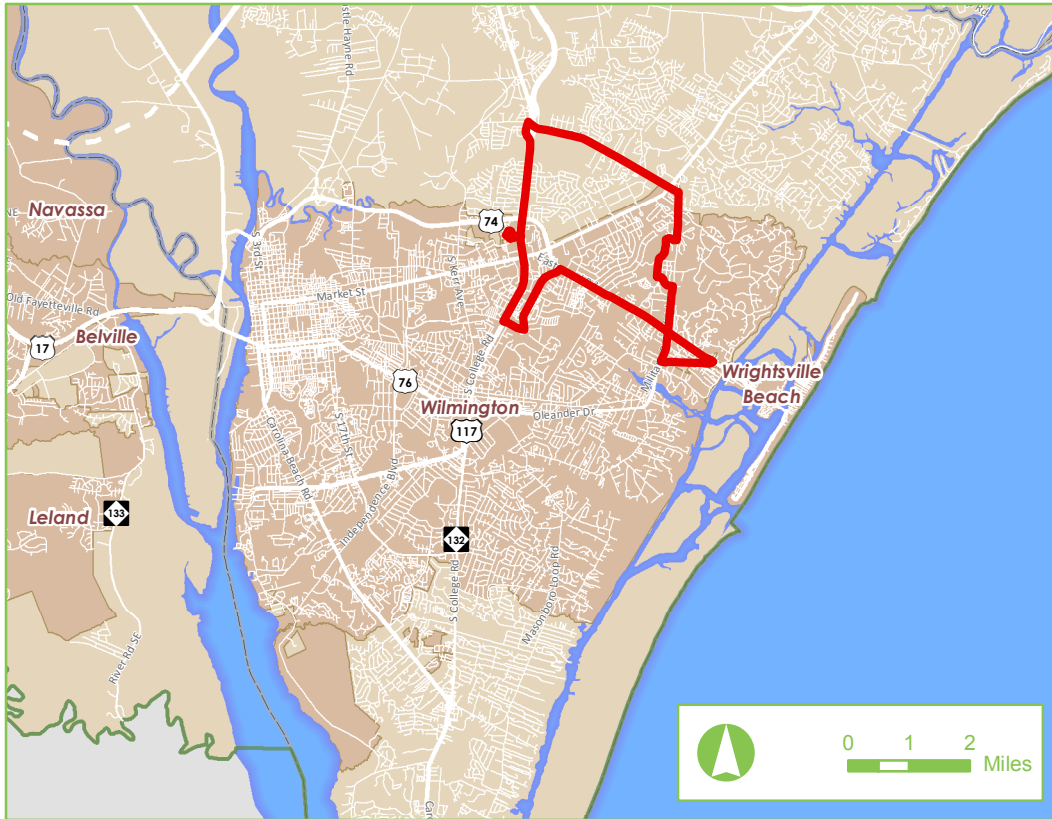


- Route 103
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

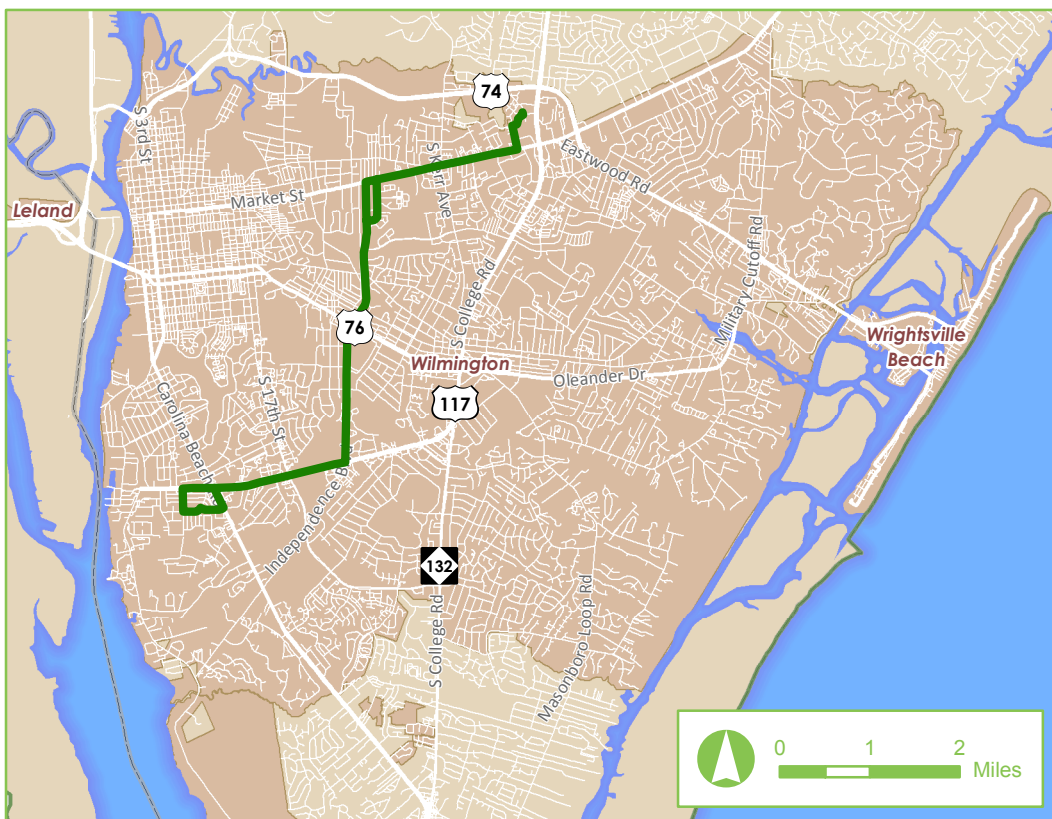


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 104 and 106 Amenity Upgrades



- Route 104
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary



- Route 106
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

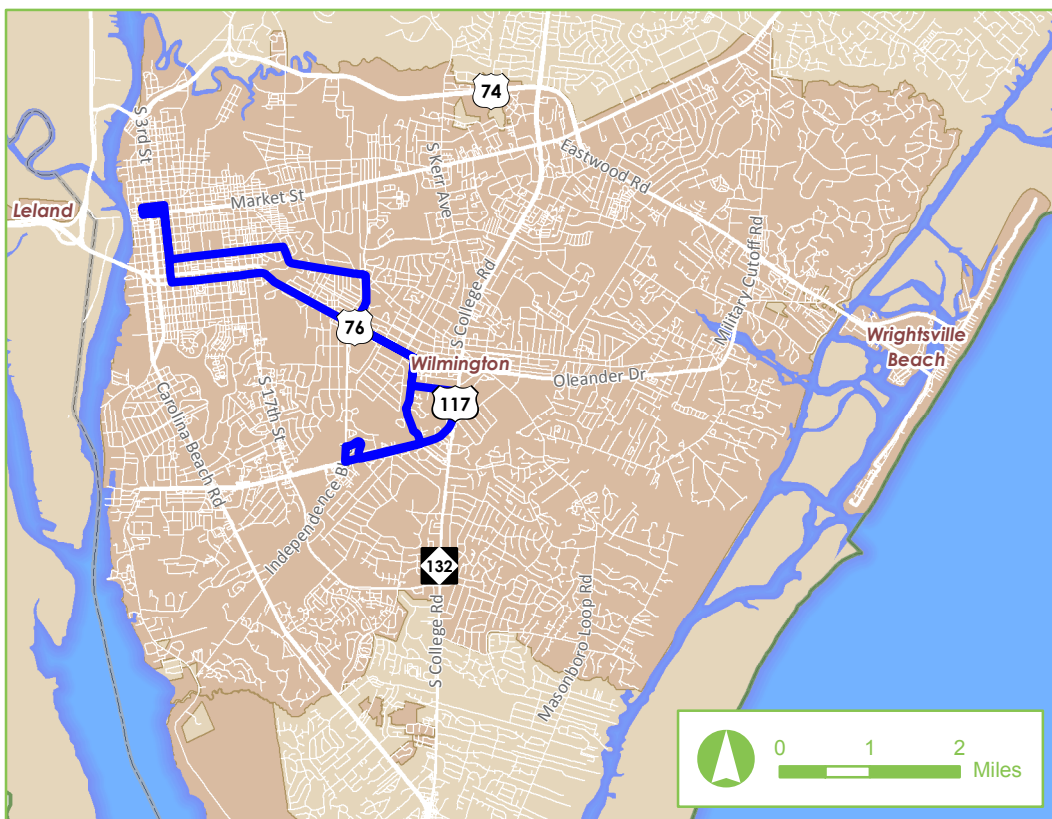


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 201 and 202 Amenity Upgrades



- Route 201
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

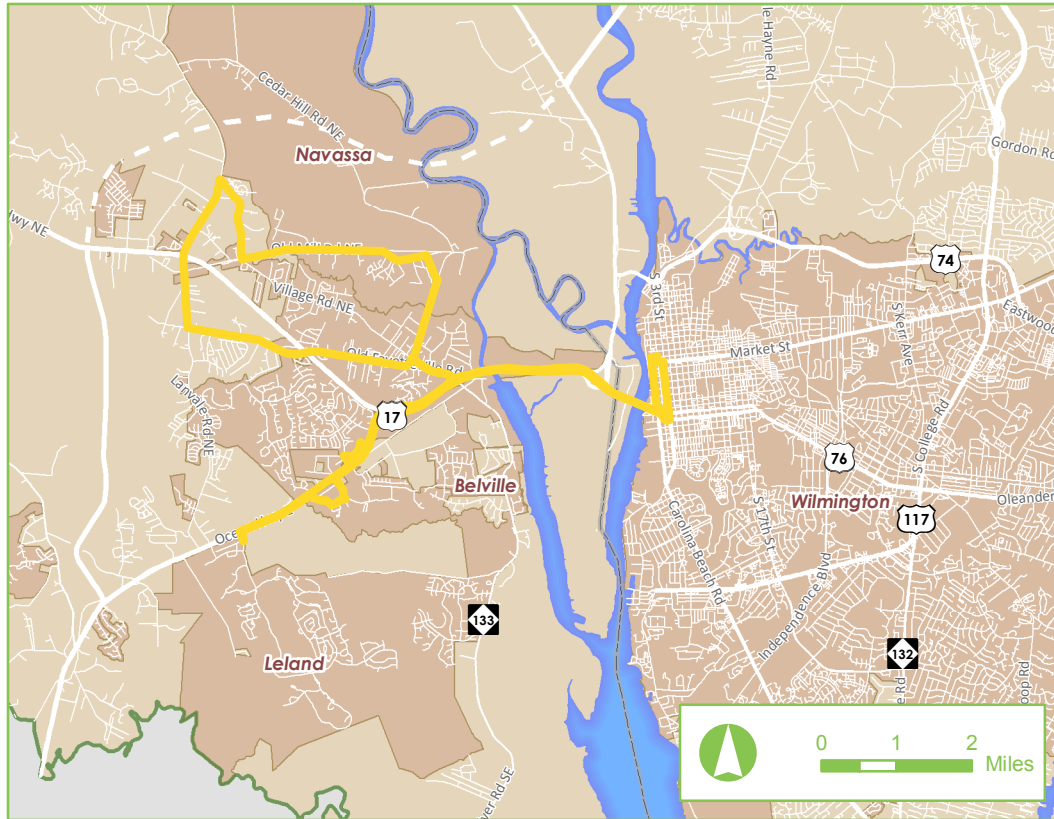


- Route 202
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

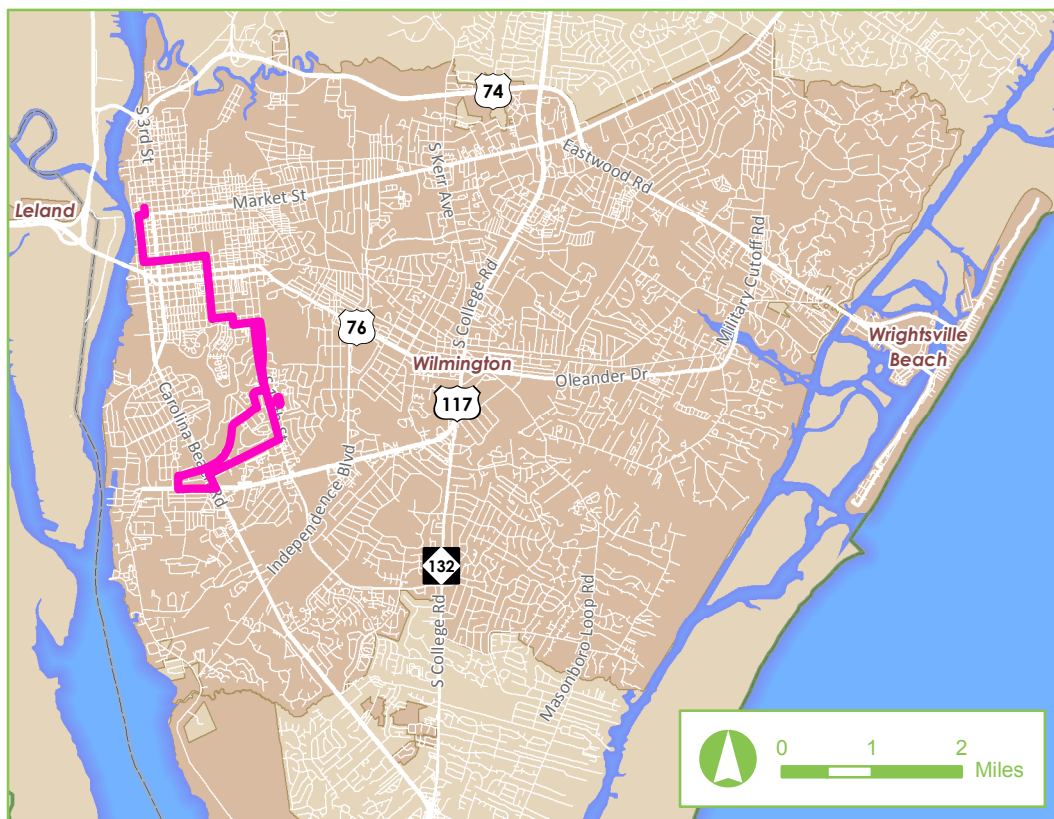


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 204 and 205 Amenity Upgrades



- Route 204
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

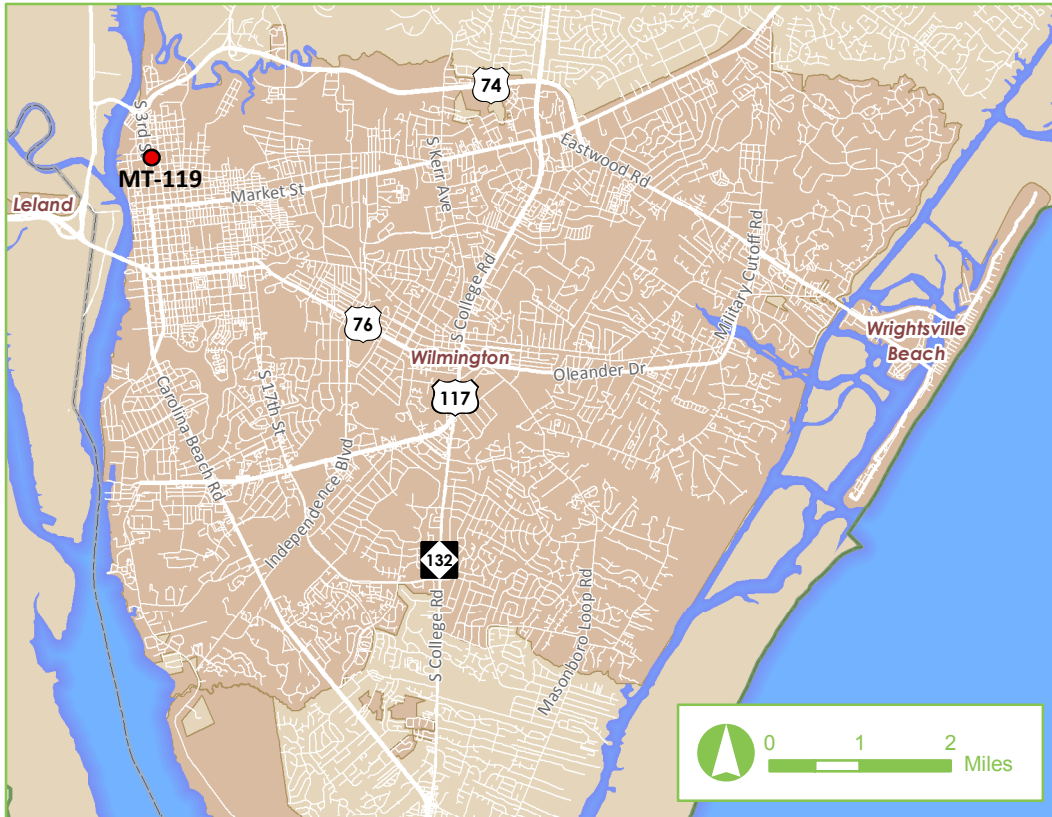


- Route 205
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

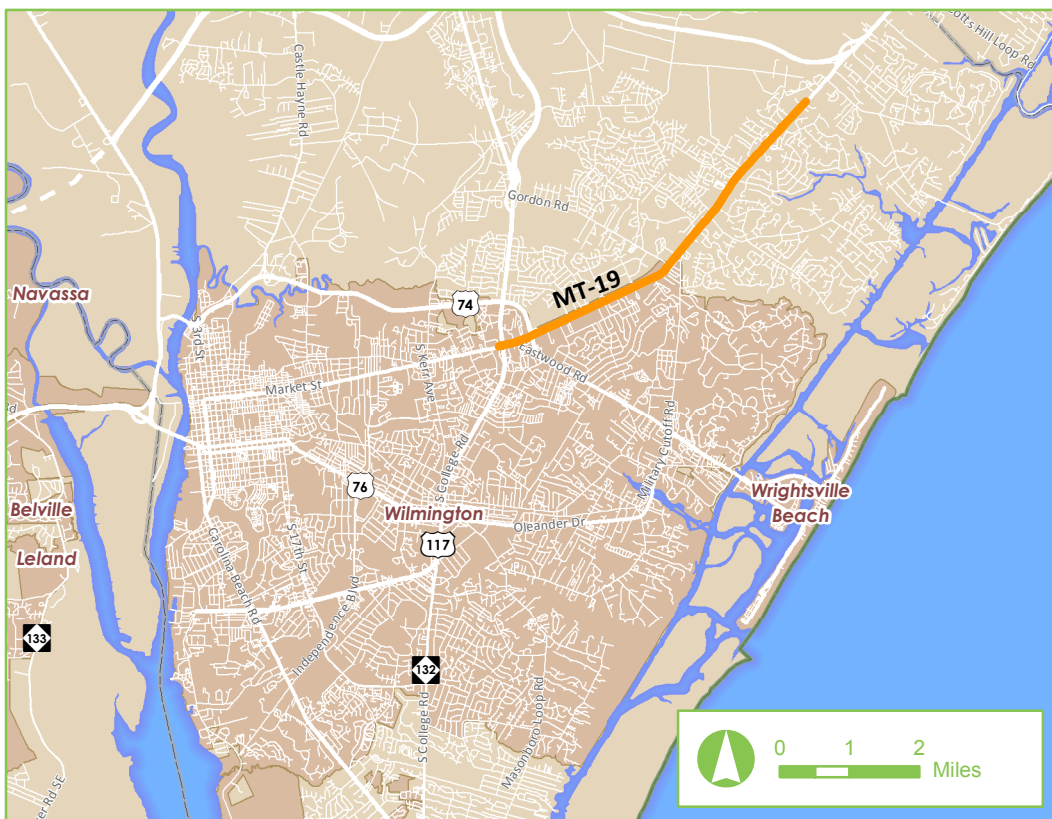


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

MT-119 Wilmington Multimodal Transportation Center and
MT-19 Additional Service along Market Street



- Wilmington Multimodal Transportation Center
- ⬢ County Boundaries
- ⬢ Municipal Boundaries
- ⬢ Wilmington MPO Boundary



- Additional Service
- ⬢ County Boundaries
- ⬢ Municipal Boundaries
- ⬢ Wilmington MPO Boundary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

1. Route 103 Amenity Upgrades (Oleander East)
2. Route 104 Amenity Upgrades (Northeast)
3. Route 106 Amenity Upgrades (Shipyard Boulevard)
4. Route 201 Amenity Upgrades (Carolina Beach Road)
5. Route 202 Amenity Upgrades (Oleander West)
6. Route 204 Amenity Upgrades (Brunswick Connector)
7. Route 205 Amenity Upgrades (Long Leaf Park)
8. MT-119 Wilmington Multimodal Transportation Center

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

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

TO: WMPO Board
FROM: Josh Lopez, Associate Transportation Planner
DATE: June 14, 2017
SUBJECT: **WMPO Prioritization 5.0 Potential Submittals: Aviation**

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) has outlined the process for submittal through Prioritization 5.0 (P 5.0). Below please find the recommendation for submittal to NCDOT for Prioritization 5.0 Aviation Projects.

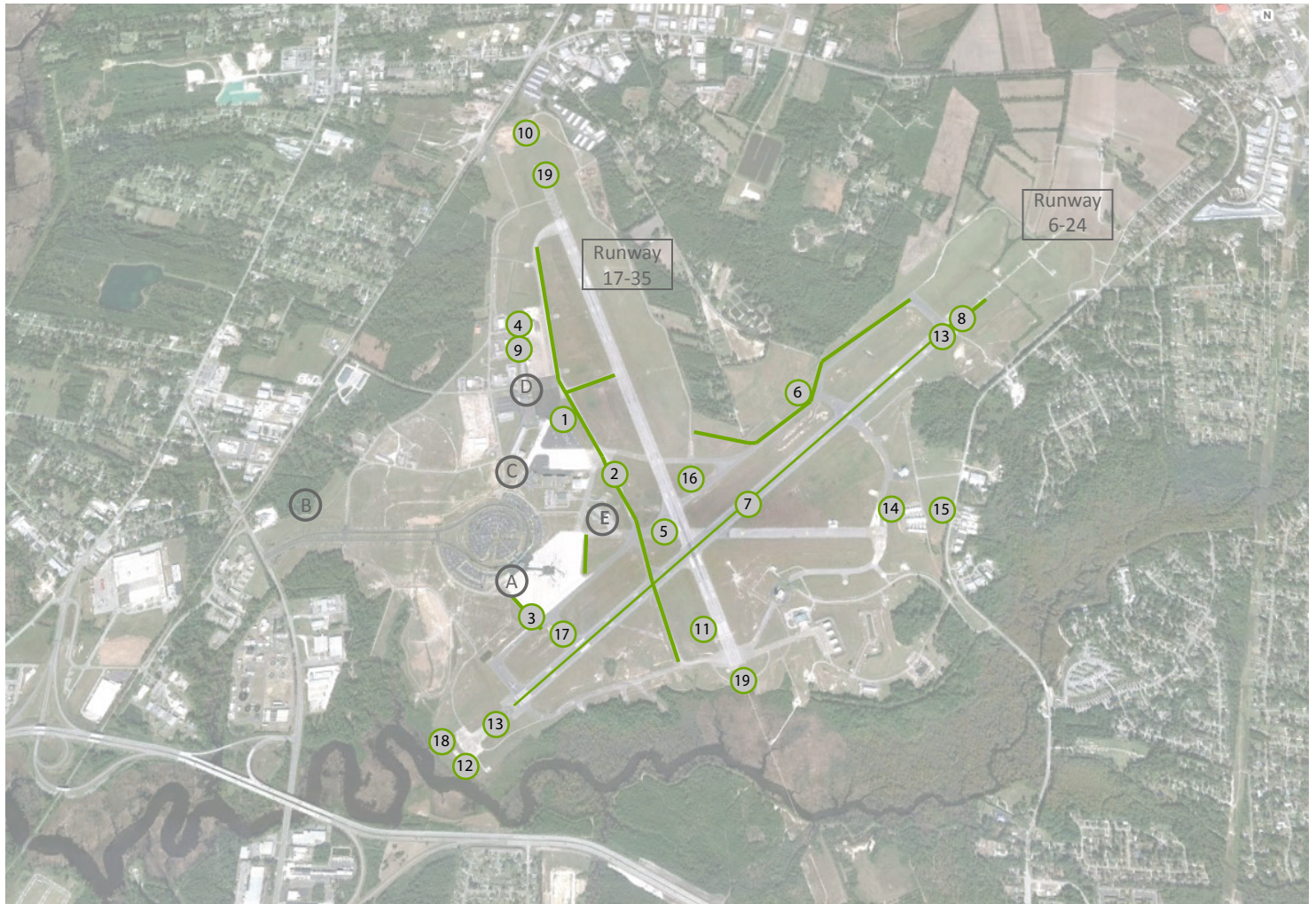
Aviation

1. General Aviation (GA) Apron Development
2. Taxiway A and H Widening and Paved Shoulders
3. Air Carrier Apron Expansion
4. 1st General Aviation (GA) Hangar Taxilane
5. Midfield Taxiway Improvements
6. Perimeter Road Improvements
7. Rehabilitate Runway 6-24
8. Runway 24/Taxiway Extension
9. 2nd GA Hangar Aircraft Taxi Lane
10. Runway Protection Zone (RPZ)
11. Runway 35 Wind Cone/PAPI Replacement
12. Emergency Boat Ramp Access Launch
13. Runway 6-24 Blast Pad
14. 1st Paved Aircraft Taxi Lane
15. 2nd Paved Aircraft Taxi Lane
16. Rename Aircraft Taxiways/Signs to Standards
17. Taxiway Juliet Improvements
18. Runway 6 MALSR Catwalk
19. Runway 17/35 Blast Pad




WMPO Prioritization 5.0 Potential Submittals: Aviation

NOTE: This map was created for the 06/14/17 WMPO TCC Meeting for reference purposes only and may not depict final list of P 5.0 submittals. Submittals will not be finalized until WMPO Board adoption.



Legend

Aviation Project Identification Number (#)

 Aviation Project

Existing Aviation Facilities

- (A) Passenger Terminal
- (B) VA and Business Park Area
- (C) FBOs
- (D) Customs Facility
- (E) Rescue Base/ARFF HQ

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

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

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

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

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

1. General Aviation (GA) Apron Development
2. Taxiway A and H Widening and Paved Shoulders
3. Air Carrier Apron Expansion
4. 1st General Aviation (GA) Hangar Taxilane
5. Midfield Taxiway Improvements
6. Perimeter Road Improvements
7. Rehabilitate Runway 6-24
8. Runway 24/Taxiway Extension
9. 2nd GA Hangar Aircraft Taxi Lane
10. Runway Protection Zone (RPZ)
11. Runway 35 Wind Cone/PAPI Replacement
12. Emergency Boat Ramp Access Launch
13. Runway 6-24 Blast Pad
14. 1st Paved Aircraft Taxi Lane
15. 2nd Paved Aircraft Taxi Lane
16. Rename Aircraft Taxiways/Signs to Standards
17. Taxiway Juliet Improvements
18. Runway 6 MALSR Catwalk

19. Runway 17/35 Blast Pad

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

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION ACCEPTING THE WILMINGTON RAIL REALIGNMENT AND RIGHT OF
WAY USE ALTERNATIVES FEASIBILITY STUDY AND SUPPORTING THE
RECOMMENDATION OF THE MAYOR'S TASK FORCE TO CONTINUE DEVELOPMENT
OF THE RAIL REALIGNMENT PROJECT**

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 CSXT rail line originates in Brunswick County, crossing the Cape Fear River into the City of Wilmington just north of the Isabelle Holmes Bridge. The rail line then continues eastward through the City before turning south and west again-- back toward the river and the Port of Wilmington. The sweeping path of the rail line thus forms a large "U" (on its side) which, at one time, wrapped around the eastern limits of the City; and

WHEREAS, today, this same rail line passes through the heart of the City of Wilmington, resulting in thousands of motor vehicle rail crossings each day and adversely impacting the quiet enjoyment of many neighborhoods in the city; and

WHEREAS, the current route also impedes safe, efficient rail access to the Port of Wilmington and reduces the competitiveness of this important state-owned facility, as well as other nearby industries served by rail; and

WHEREAS, a potential solution would be to relocate the existing rail line to a crossing of the Cape Fear River close to the Port property, thereby eliminating rail traffic through the heart of the city, and dramatically improving rail access to the Port; and

WHEREAS, in addition, this proposal would provide an opportunity to convert the existing heavy rail corridor, with all of its related safety and noise issues, into a quiet transit corridor; and

WHEREAS, on August 18, 2015 the Mayor of the City of Wilmington appointed the Railroad Re-alignment Task Force to support the rail realignment effort; and

WHEREAS, the City of Wilmington, North Carolina Department of Transportation and Wilmington Urban Area Metropolitan Planning Organization partnered to fund a feasibility study to investigate the feasibility of re-aligning the existing CSXT railroad line; and

WHEREAS, Moffat & Nichol completed the feasibility study in June 2017 that covered a number of aspects of the project across a wide spectrum of detailed areas of investigation; and

WHEREAS, the feasibility study found that there are no "fatal flaws" at this level of study; and

WHEREAS, based on the findings of the feasibility study, the Mayor's Task Force recommended to continue forward with the project.

NOW, THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby accepts the Wilmington Rail Realignment and Right of Way Use Alternatives Feasibility Study and supports the recommendation of the Mayor's Task Force to continue development of the Rail Realignment project.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



City of Wilmington
Engineering
P.O. Box 1810
212 Operations Center Drive
Wilmington, NC 28402-1810

910 341-7807
910 341-5881 fax
www.wilmingtonnc.gov
Dial 711 TTY/Voice



June 21, 2017

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

RE: STP-TAP Sidewalk Project 0332(47) (TIP U-5527 A)
Military Cutoff Multi-Use Path (MCO) project

Dear Mr. Kozlosky,

On September 25, 2013 the Wilmington Urban Area Metropolitan Planning Organization (WMPO) Transportation Advisory Committee passed a resolution supporting the allocation of Transportation Alternatives Program – Direct Attributable (TAP-DA) funds for the City of Wilmington MCO project. A contract in the amount of \$222,152 was then executed with NCDOT on May 8th, 2014 for the design and construction of the 0.26 mile multi-use path along Military Cutoff Road (SR 1409) between Eastwood Road and Drysdale Road.

The City of Wilmington had started design work the consulting engineer to identify layout alternatives and ROW needs for the MCO project. However, the upcoming NCDOT intersection improvements at Eastwood and Military Cutoff Road in the near future (TIP U-5710), is expected to overlap the proposed alignment of the multi-use path project.

Given the proximity of construction and the advancing schedule of the NCDOT project, the City, NCDOT and WMPO are in agreement to transfer the MCO project to NCDOT for incorporation into their project. Based on this information the City respectfully requests that the TIP be amended to remove funding for the project. The City acknowledges responsibility to repay all funds reimbursed to date through the contract with NCDOT.

We look forward to our continued partnership with the WMPO and NCDOT to enhance the pedestrian and bicycle networks in the City. Please do not hesitate to contact me shall you have any questions regarding this letter.

Regards,

Bret Russell, PE
Construction Manager

cc: Carl Farmer, PE, Capital Projects Manager

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION REMOVE THE MILITARY CUTOFF ROAD MULTI-USE PATH
PROJECT (PROJECT U-5527A) FROM THE STATE/METROPOLITAN TRANSPORTATION
IMPROVEMENT PROGRAMS AND RETURN THE UNSPENT FUNDS TO THE DIRECT
ATTRIBUTABLE ACCOUNT**

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, on September 25, 2013 the City of Wilmington was awarded Transportation Alternatives Program -Direct Attributable (TAP-DA) funding in the amount of \$222,152 for the Military Cutoff Road Multi-use Path Project; and

WHEREAS, the funds were to be utilized to construct a multi-use path along Military Cutoff Road from Drysdale Drive to Eastwood Road and would connect to the existing multi-use path; and

WHEREAS, the State/Metropolitan Transportation Improvement Programs were amended to include the multi-use path as TIP Project U-5527A; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization and North Carolina Department of Transportation have identified the need to improve the intersection of Military Cutoff Road/Eastwood Road with an interchange (TIP Project U-5710); and

WHEREAS, the North Carolina Department of Transportation is evaluating both grade-separated and at-grade alternatives with the project being funded in the adopted 2016-2025 State/Metropolitan Transportation Improvement Programs for right of way acquisition in Fiscal Years 2019 and 2020 and construction in Fiscal Years 2021, 2022 and 2023; and

WHEREAS, the proposed multi-use path is within the project limits of the proposed interchange; and

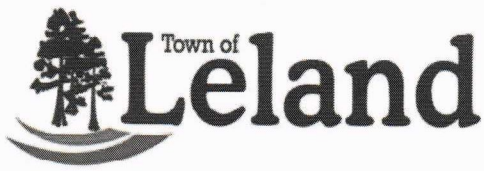
WHEREAS, the Wilmington Urban Area MPO recommends to remove the Military Cutoff Road Multi-use path (U-5527A) from the STIP/MTIP and to incorporate this multi-use path into the Military Cutoff Road/Eastwood Road interchange project.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests the North Carolina Department of Transportation remove the Military Cutoff Road Multi-use path (U-5527A) from the State/Metropolitan Transportation Improvement Programs and return the unspent funds to the Direct Attributable account.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



Resolution R17-193

Introduced By: Gary Vidmar

Date: June 15, 2017

Resolution Authorizing the Town Manager to Cancel the Agreement with the North Carolina Department of Transportation Dated December 9, 2015 that Allocated Surface Transportation Program Direct Attributable Funds for the Westgate Multi-Use Path Project - Phase I

WHEREAS, on November 17, 2014 the Town of Leland Council authorized the Town Manager to submit an application for Surface Transportation Program Direct Attributable (STP-DA) funds for the Westgate Multi-Use Path (MUP) project; and

WHEREAS, the Wilmington Metropolitan Planning Organization (WMPO) awarded partial funds, totaling \$96,172, for the preliminary engineering and design phase of the Westgate MUP project; and

WHEREAS, pursuant to the application, the Town of Leland proposed to provide matching funds in the amount of \$24,043; and

WHEREAS, on January 21, 2016 Town Council adopted Resolution R16-06 authorizing the Town Manager to execute an agreement with the North Carolina Department of Transportation (NCDOT) which allocated STP-DA funds for the Westgate Multi-Use Path Project Phase I (STPDA Project U-5534 P); and

WHEREAS, Town staff has determined that the Town is not prepared to move forward with the design of the Westgate MUP project for the foreseeable future and consequently will not be able to complete all the work outlined in the Agreement, which includes design, construction and acceptance, within the stipulated three (3) year period of time from the date of the Agreement; and

WHEREAS, no design fees of any type, other than Town staff time, have been incurred for the Westgate MUP project.

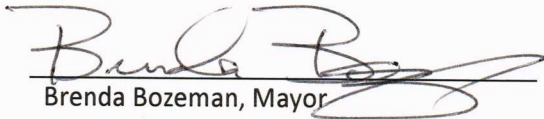
Therefore, Be It Resolved:

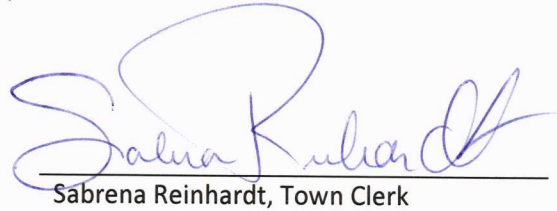
1. The Town Manager is hereby authorized to request the WMPO to cancel the agreement with the North Carolina Department of Transportation for the preliminary

engineering and design phase of the Westgate MUP STPDA Project U-5534 P dated December 9, 2015.

2. The Town Manager is further authorized to request the WMPO to transfer the \$96,172 funded amount from the Westgate MUP project to the Old Fayetteville Rd./Town Hall Dr./Village Rd. Multi-Use Path STPDA U-5534 J Project.

Adopted by Town Council on this 15th day of June, 2017.


Brenda Bozeman, Mayor


Sabrena Reinhardt, Town Clerk



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE RE-ALLOCATION OF DIRECT ATTRIBUTABLE
FUNDING FROM THE TOWN OF LELAND WESTGATE DRIVE MULTI-USE PATH (U-5534P)
TO THE OLD FAYETTEVILLE ROAD/TOWN HALL DRIVE/VILLAGE ROAD MULTI-USE
PATH (U-5534J)**

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, on January 28, 2015 the Town of Leland was awarded Surface Transportation Program-Direct Attributable (STP-DA) funding in the amount of \$96,172 for the Westgate Multi-use Path Project; and

WHEREAS, the funds were to be utilized to design multi-use path from Westgate Drive to Ricegate Drive; and

WHEREAS, the State/Metropolitan Transportation Improvement Programs were amended to include the multi-use path as TIP Project U-55434P; and

WHEREAS, the Town of Leland has determined that the Town is not prepared to move forward with the design of the Westgate Multi-use path for the foreseeable future and consequently will not be able to complete the work outlined in the agreement; and

WHEREAS, no design fees, other than staff time, have been incurred for the project; and

WHEREAS, the Town of Leland has requested the funds be transferred from the Westgate Multi-use path project (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use path (U-5534J).

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the re-allocation of funds in the amount of \$96,172 from the Westgate Multi-use path project (U-5534P) to the Old Fayetteville Road/Town Hall Drive/Village Road Multi-use path (U-5534J).

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION REMOVE THE WESTGATE MULTI-USE PATH (U-5534P)
FROM THE STATE/METROPOLITAN 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, on January 28, 2015 the Town of Leland was awarded Surface Transportation Program-Direct Attributable (TAP-DA) funding in the amount of \$96,172 for the Westgate Multi-use Path Project; and

WHEREAS, the funds were to be utilized to design multi-use path from Westgate Drive to Ricegate Drive; and

WHEREAS, the State/Metropolitan Transportation Improvement Programs were amended to include the multi-use path as TIP Project U-55434P; and

WHEREAS, the Town of Leland has determined that the Town is not prepared to move forward with the design of the Westgate Multi-use path for the foreseeable future and consequently will not be able to complete the work outlined in the agreement; and

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests the North Carolina Department of Transportation remove the Westgate Multi-use path (Project U-5534P) from the State/Metropolitan Transportation Improvement Programs.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

BYLAWS
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD
TRANSPORTATION
ADVISORY COMMITTEE

ARTICLE I – NAME

The name of this organization shall be the Wilmington Urban Area Metropolitan Planning Organization Board~~Transportation Advisory Committee~~, hereinafter referred to as the “BoardTAC”.

ARTICLE II – PURPOSE

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

ARTICLE III – MEMBERS

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

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

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

ARTICLE IV – OFFICERS

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

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

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

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

ARTICLE V - MEETINGS

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

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

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

Emergency Meetings- If a special meeting is called to deal with an unexpected circumstance requiring immediate consideration, the notice requirements of this

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

Section II- ~~Board TAC~~ Sub-Committees: The ~~Board Transportation Advisory Committee~~ may create Sub-Committees to assist with forwarding the mission and goals of the Wilmington MPO. These Sub-Committees shall be created by a formal vote of the ~~Board Transportation Advisory Committee~~. The notice of Sub-Committee meetings shall be posted at City Hall in downtown Wilmington or the door of the regular meeting place at least forty-eight hours before the meeting. In addition, the notice shall be e-mailed or mailed to all ~~Board Transportation Advisory Committee~~ members and news organizations.

Section III– Quorums and Majority Vote: A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations or voting upon or otherwise transacting public business. A quorum consists of 51% of the members of the ~~BoardTAC~~, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

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

ARTICLE VI – VOTING PROCEDURES

Section I – Majority Votes: Any member may call for a vote on any issue provided that it is seconded and within the purposes set forth in the "Memorandum of Understanding." Each voting member of the ~~BoardTAC~~ shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists. Abstentions are not included in the tally of the votes. Proxy and absentee voting are not permitted.

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

Director or as a carry-over from previous meetings, are placed on the agenda prior to its distribution by any member of the BoardTAC, by request from any jurisdiction party to the “Memorandum of Understanding,” or by the request of a member of the Technical Coordinating Committee (TCC). TCC and BoardTAC members may submit an item(s) to their respective TCC and BoardTAC agendas. In order for a Board member to submit an item(s) to the TCC or BoardTAC, the item(s) must be submitted no later than 5:00 p.m. the first business day of the calendar month in which the item is requested to be considered. The item must include all pertinent background materials (resolution, maps, etc.). The BoardTAC shall approve the agenda at the beginning of each meeting. At this time, the BoardTAC shall have the ability to add or remove any item on the agenda by a super-majority vote of the Board'sTAC's voting members present. An item added to the agenda will be placed for consideration at the end of the meeting.

ARTICLE VII – AMENDMENTS TO BYLAWS

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

Date Adopted_____

Signature of Chairman

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization has identified a need to amend the Organization's Bylaws to change the name of the policy board to the Board, change the date when the Board adopts the meeting calendar and to clarify the number of Alternate members.

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

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on July 26, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

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

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

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

Rail

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

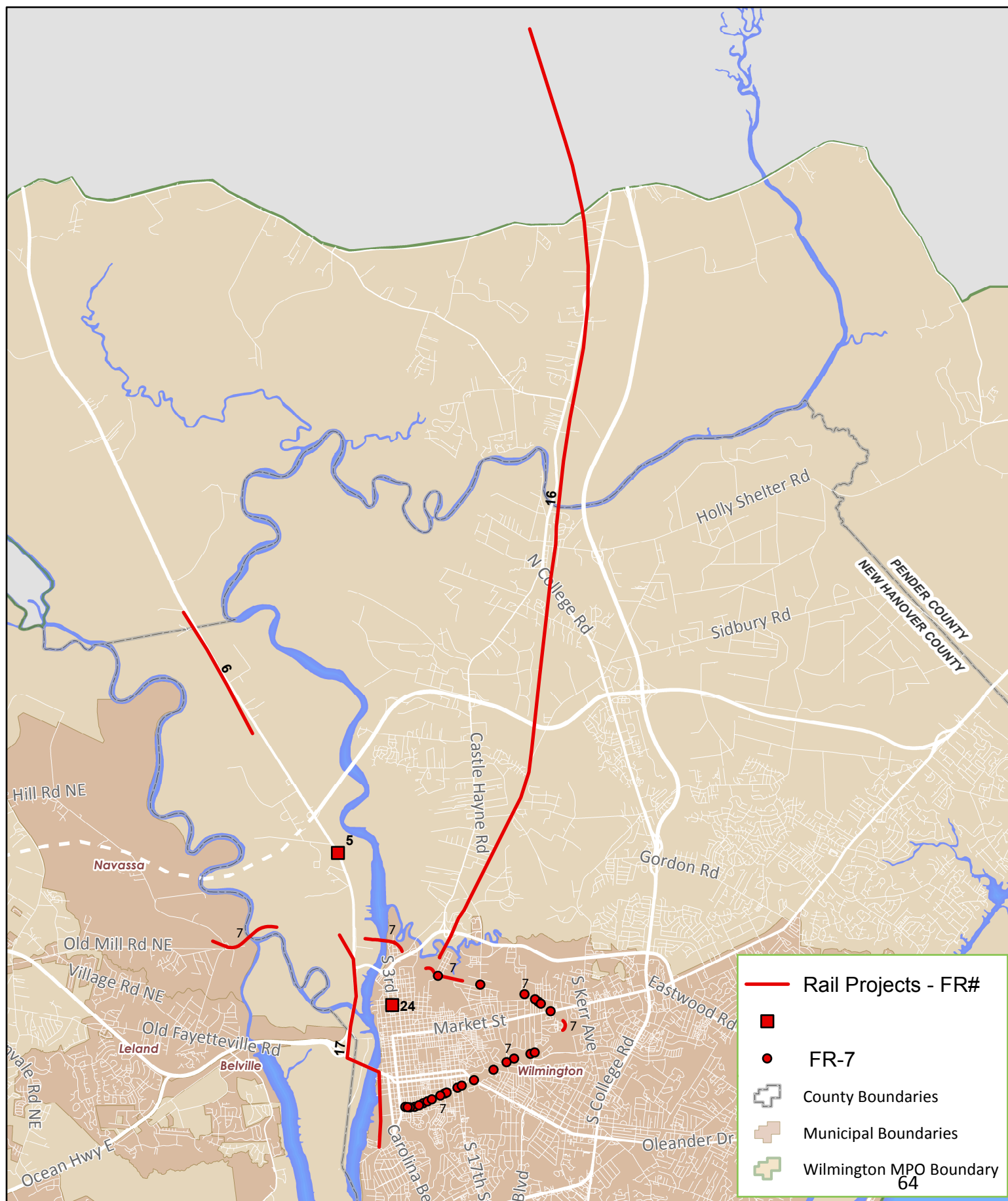
Crossing ID	Street
629 284Y	King Street
629 286M	SR 1302 (N. 23rd St.)
629 287U	N. 30th St.
629 288B	SR 1301 (Princess Place Dr.)
642 724T	Clay Street
629 289H	Henry Street
629 290C	US 17 (Market St.)
629 426M	Covil Avenue
629 427U	Mercer Avenue
629 428B	Forest Hills Drive
629 429H	Colonial Drive
629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

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

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



WMPO Prioritization 5.0 Potential Submittals: Rail





Direct Attributable Project Funding Request Submittal Form

Date: _____

Project Information:

Project Name: _____

Project Location: _____

TIP ID: _____ Total Project Cost: _____ Requested DA Funding: _____

DA Funding Program: ☐ STBGP ☐ TASA

Primary Applicant: _____

Secondary Applicant: _____

Project Manager: _____

Contact Person: _____

Project Description:

Problem Statement:

STBGP Eligibility

Eligible	Criteria Description	Applicable Functional Class							
		Interstate	Other Freeway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	N/A
<input type="checkbox"/>	Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements for highways, including construction of designated routes of the Appalachian development highway system and local access roads under section 14501 of title 40.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Replacement (including replacement with fill material), rehabilitation, preservation, protection (including painting, scour countermeasures, seismic retrofits, impact protection measures, security countermeasures, and protection against extreme events) and application of calcium magnesium acetate, sodium acetate/formate, or other environmentally acceptable, minimally corrosive anti-icing and de-icing compositions for bridges (and approaches to bridges and other elevated structures) and tunnels on public roads of all functional classifications, including any such construction or reconstruction necessary to accommodate other transportation modes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Inspection and evaluation of bridges and tunnels and training of bridge and tunnel inspectors (as defined in section 144), and inspection and evaluation of other highway assets (including signs, retaining walls, and drainage structures).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Eligible	Criteria Description	Applicable Functional Class							
		Interstate	Other Freeway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	N/A
<input type="checkbox"/>	Capital costs for transit projects eligible for assistance under chapter 53 of title 49, including vehicles and facilities, whether publicly or privately owned, that are used to provide intercity passenger service by bus.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Carpool projects, fringe and corridor parking facilities and programs, including electric vehicle and natural gas vehicle infrastructure in accordance with section 137, bicycle transportation and pedestrian walkways in accordance with section 17, and the modifications of public sidewalks to comply with ADA.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Highway and transit safety infrastructure improvements and programs, installation of safety barriers and nets on bridges, hazard eliminations, projects to mitigate hazards caused by wildlife, and railway-highway grade crossings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Capital and operating costs for traffic monitoring, management, and control facilities and programs, including advanced truck stop electrification systems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Transportation alternatives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Transportation control measures listed in section 108(f)(1)(A) (other than clause (xvi)) of the Clean Air Act (42 U.S.C. 7408(f)(1)(A)).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Environmental mitigation efforts relating to projects funded under this title in the same manner and to the same extent as such activities are eligible under section 119(g)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<input type="checkbox"/>	Projects relating to intersections that - (A) have disproportionately high accident rates; (B) have high levels of congestion, as evidenced by - (i) interrupted traffic flow at the intersection; and (ii) a level of service rating that is not better than "F" during peak travel hours, calculated in accordance with the Highway Capacity Manual issued by the Transportation Research Board; and (C) are located on a Federal-aid highway.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Infrastructure-based intelligent transportation systems capital improvements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Projects and strategies designed to support congestion pricing, including electric toll collection and travel demand management strategies and programs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	A project that, if located within the boundaries of a port terminal, includes only such surface transportation infrastructure modifications as are necessary to facilitate direct intermodal interchange, transfer, and access into and out of the port.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Construction and operational improvements for any minor collector if - (A) the minor collector, and the project to be carried out with respect to the minor collector, are in the same corridor as, and in proximity to, a Federal-aid highway designated as part of the National Highway System; (B) the construction or improvements will enhance the level of service on the Federal-aid highway described in subparagraph (A) and improve regional traffic flow; and (C) the construction or improvements are more cost-effective, as determined by a benefit-cost analysis, than an improvement to the Federal-aid highway described in subparagraph (A).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TASA Eligibility

Eligible	Criteria Description	Applicable Functional Class							
		Interstate	Other Freeway	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	N/A
<input type="checkbox"/>	Construction, planning, and design of on-road and off- road trail facilities for pedestrians, bicyclists, and other non-motorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Construction, planning, and design of infrastructure- related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other non-motorized transportation users.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Any environmental mitigation activity, including pollution prevention and pollution abatement activities and mitigation to - (i) address stormwater management, control, and water pollution prevention or abatement related to highway construction or due to highway runoff, including activities described in sections 133(b)(11), 328(a), and 329; or (ii) reduce vehicle-caused wildlife mortality or to restore and maintain connectivity among terrestrial or aquatic habitats.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Project Preference Points: (19 point maximum)

a. Project in the Metropolitan Transportation Plan (MTP):

- ☐ Project in the MTP (Requirement Met)
- ☐ Project not in the MTP (Disqualified)

b. Mandatory Project Manager Training Attendance:

- ☐ Identified project manager attended (see guideline for additional information) (Requirement Met)
- ☐ Identified project manager did not attend (Disqualified)

c. Project Manager Experience:

- ☐ Project manager has demonstrated experience managing NCDOT/FHWA projects.
(attach project resume) (3 points)
- ☐ Project Manager has no demonstrated experience with NCDOT/FHWA projects. (0 points)

d. Project Manager Credentials:

- ☐ Project manager has received formal project management education/training.
(i.e. through PMI, PSMJ, APWA, etc.) – Provide documentation (3 points)
- ☐ > 5 Years of project management experience – Provide documentation (1 point)

e. Number of Years Project Application has been Submitted and has not been Awarded Funds:

- ☐ 1st year applying for funds for this project (Disqualified)
- ☐ 2nd year applying for funds for this project (0 points)
- ☐ 3rd year applying for funds for this project (1 point)
- ☐ 4th year applying for funds for this project (3 points)
- ☐ 5th year applying for funds for this project (5 points)

f. Local Match Percentage

- ☐ 50% match or greater (5 points)
- ☐ 40% match (3 points)
- ☐ 30% match (1 point)
- ☐ 20% match (0 point)

		Disqualified: Yes No
(WMPO INTERNAL USE ONLY) Total Preference Points:		/ 19

2. Project Readiness: (11 point maximum)		
a. Project Development Stage		
<input type="checkbox"/> Has not started		(0 points)
<input type="checkbox"/> Design/Survey/Construction Documents		(1 point)
<input type="checkbox"/> ROW acquisition		(3 points)
<input type="checkbox"/> Bid Phase		(5 points)
b. Right-of-Way / Easement Dedication		
<input type="checkbox"/> No additional right-of-way needed		(3 points)
<input type="checkbox"/> Minimal additional right-of-way needed (< 5 parcels)		(1 point)
<input type="checkbox"/> Significant right-of-way needed (= or > 5 parcels)		(0 points)
c. Utility Impacts / Relocations		
<input type="checkbox"/> No significant impacts (i.e. adjustment of manholes and valves, etc.)		(3 points)
<input type="checkbox"/> Minimal impacts (i.e. relocation of small service lines, etc.)		(1 point)
<input type="checkbox"/> Significant impacts (i.e. relocation of transmission lines, transformers, etc.)		(0 points)
		Disqualified: Yes No
(WMPO INTERNAL USE ONLY) Total Project Readiness Points:		/ 11

3. Congestion and Mobility: (21 point maximum)

a. **Congestion Management Plan**

- ☐ Project not in vicinity of Plan Segment (0 points)
- ☐ Project in vicinity of segment ranking 20-30 (1 point)
- ☐ Project in vicinity of segment ranking 10-20 (3 points)
- ☐ Project in vicinity of segment ranking in top 10 (5 points)

b. **Volume to Capacity Ratio of Roadway/Intersection or Adjacent/Parallel Roadway Segment**

- ☐ $V/C > 1$ (3 points)
- ☐ $0.5 < V/C < 1$ (1 point)
- ☐ $0 < V/C < 0.5$ (0 points)

c. **Travel Demand (Provide documentation – i.e. photos, traffic counts, travel demand model, etc.)**

- ☐ Yes – Provides/expands a facility where a documented demand is present (i.e. goat path, etc.) (5 points)
- ☐ No – Does not have documented demand. (0 points)

d. **Closing a Gap / Extensions**

- ☐ Closing an internal gap in total facility/route length > 2 miles (3 points)
- ☐ Closing an internal gap in total facility/route length > 0.5 miles (1 point)
- ☐ Extension making total facility/route length > 2 miles (3 points)
- ☐ Does not close gap and proposed facility/route length > 2 miles (0 points)

e. **Major Obstacles**

- ☐ Provides/improves connection/route across or along a river, railroad, or limited-access freeway (5 points)
- ☐ Implementation of a documented collector street plan (5 points)
- or**
- ☐ Provides proper connection across a multi-lane facility (5 points)
- or**
- ☐ Provides separation of transit from other traffic (i.e. bus pullouts, transit lanes, etc.) (5 points)
- ☐ None (0 points)

4. Accessibility: (14 point maximum)

a. Proximity to School (only for projects that include pedestrian facility improvements)

- ☐ Project is located within ½ mile of a school(s)
_____ (# of Schools) x 3 points each = _____
- ☐ Project is located within 1 mile of a school(s)
_____ (# of Schools) x 2 points each = _____
- ☐ Project is located within 1 ½ mile of a school(s)
_____ (# of Schools) x 1 point each = _____
- ☐ Project is **not** located within 1 ½ mile of a school(s)
(0 points)

b. Bicycle / Pedestrian Generators (only for projects that include ped/transit facility improvements)

- ☐ Project is located within ½ mile of a Residential Area, Park/Playground/Recreation Center, Library, Shopping/Retail & Services, or Business Park/Office/Hospital.
_____ (# of Generators) x 1 point each = _____
- ☐ Project is **not** located within ½ mile of any residential areas, park/playground/recreation center, Libraries, Shopping/retail and services, or business parks/offices/hospitals.
(0 points)

5. Safety: (11 point maximum)

- a. **Number of Crashes** _____ **% Pedestrian** _____ **% Vehicle Only**
- ☐ More than 14 accidents or 1 fatality have been recorded within project limits (5 points)
- ☐ 5 – 14 accidents have been recorded within project limits (3 points)
- ☐ Less than 5 accidents have been recorded within project limits (1 point)
- ☐ No accidents have been recorded within project limits (0 points)
- b. **Project addresses crash concern**
- ☐ Yes (1 point)
- ☐ No
- (No Total Safety Points Awarded)
- c. **Crash Reduction Factors**
- ☐ CRF < 10% (0 points)
- ☐ CRF > 10% (1 point)
- ☐ CRF > 20% (2 points)
- ☐ CRF > 30% (3 points)
- ☐ CRF > 40% (4 points)
- ☐ CRF > 50% (5 points)

(WMPO INTERNAL USE ONLY) Total Safety Points: / 11

6. Sustainability: (6 point maximum)**a. Maintenance Plan – Project has a documented maintenance plan**☐

Yes

(3 points)

☐

No

(0 points)

b. Project Includes Low Impact Development (LID) BMP's☐

Yes

(3 points)

☐

No

(0 points)

(WMPO INTERNAL USE ONLY) Total Sustainability Points: / 6**(WMPO INTERNAL USE ONLY) Total Project Points: / 82**

Project Cost Table

Cost of NEPA/Design Phase:

Cost of Right-of-Way Phase:

Cost of Construction Phase:

Total Cost of Project:**Local Match Percentage:****Total Fund Request :**

%

Cost Effectiveness - Benefit / Cost Ratio

The following formula will be used to determine project ranking:

$$\frac{(\text{Total Points} - \text{Preference Points})}{\text{Project cost} / [(.0102 \times \text{Project Cost}) + 4622.2]} + \frac{\text{Preference Points}}{19} = \underline{\hspace{2cm}}$$

(WMPO INTERNAL USE ONLY) Total Cost Effectiveness Points:



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

July 3, 2017

Project Description

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

The following list includes tasks during the month of June:

Current and Upcoming Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- An update to the Draft Natural Resources Technical Report is ongoing.
- The Draft Sea Level Rise Assessment is under review by NCDOT.
- Right-of-Way cost estimates and relocation reports have been initiated.
- Preparation of the Draft Environmental Impact Statement has been initiated.
- The project team will follow up with the NEPA/Section 404 Merger Team regarding potential elimination of alternatives and concurrence on bridging decisions after Concurrence Point 2A.
- Designs for alternatives south of the Port of Wilmington are being revised to provide 215 feet of vertical clearance over the Cape Fear River navigational channel (versus 187 feet currently designed), as requested by the WMPO and the NCSA.

Past Activities

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

Contact Information

NCDOT – Jay McInnis, jmcinnis@ncdot.gov, 919.707.6029

AECOM – Joanna Rocco, joanna.rocco@aecom.com, 919.239.7179

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

Email: capefear@ncdot.gov

Hotline: 1.800.233.6315

WILMINGTON MPO
TRANSPORTATION PLANNING
JULY 2017

17TH STREET STREETScape

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

Next Steps:

- Complete construction of the improvements

GULCH GREENWAY MASTER PLAN

Project Description/Scope: Create a master plan to guide the development of a section of trail located in the former railroad bed between 3rd and McRae Streets in downtown Wilmington. This section of trail is identified in the Wilmington/New Hanover County Comprehensive Greenway Plan as part of the top-ranked “Downtown Trail”. A lease for the right-of-way for this section of future trail has been authorized through SB174. The master plan will utilize broad community and stakeholder engagement to lay out a conceptual design towards successful funding and construction of this project. This plan is being created through a joint effort between the Wilmington MPO, NCDOT, City of Wilmington, and the Cape Fear Public Transportation Authority.

Next Steps:

- This effort will be rolled into the Heart of Wilmington Plan

LELAND STREET DESIGN STANDARDS MANUAL

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

Next Steps:

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

MAYOR’S RAIL RE-ALIGNMENT TASK FORCE

Project Description/Scope: The City of Wilmington has appointed a Mayor’s Task Force to evaluate the feasibility of re-aligning the rail line that currently traverses the City of Wilmington and potentially re-purpose this rail line for another use. This project is jointly funded by the City of Wilmington, North

Carolina Department of Transportation and Wilmington MPO. Moffatt & Nichol has completed the Feasibility Study. The consultant presented the findings and recommendation to the Wilmington City Council on June 6th.

Next Steps:

- Adopt a resolution accepting the Feasibility Study and explore next steps which may include a more detailed engineering study and also a marketing study

Northeast New Hanover County Future Street Plan

Project Description/Scope: New Hanover County and the Wilmington Urban Area MPO are partnering to develop a Future Street Plan for Northeastern New Hanover County. This plan will serve as a framework for a future street system in the study area by examining how well the existing transportation system performs, developing multi-modal street design guidelines, and creating strategies for integrating land use and transportation development.

Next Steps:

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

SITE DEVELOPMENT REVIEW

Project Descriptions/Scope: The Wilmington MPO assists with site development and transportation impact analysis review for the MPO's member jurisdictions. During the last month, staff has reviewed the following development proposals:

- New Hanover County Development Plan Reviews: 11 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 3 reviews
- Town of Leland Informal 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 8, City of Wilmington 8, Carolina Beach 0, Leland 0, and Pender County 4) new 1 and ongoing 19
- Pender County Development Plan Reviews: 11 reviews
- Pender County Informal Plan Reviews: 2 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 35 (13 new, 22 on-going)
- City of Wilmington Informal Reviews: 20 (2 new, 18 on-going)
- City of Wilmington Concept Reviews: 17 (16 new concept reviews-1 on-going concept)
- COW Project Releases: 7 Full releases

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

STBGP-DA

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

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

Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Substructure design and material is approved
- Staff will prepare an updated change order. Pricing has been submitted and is under review by City of Wilmington
- ECS providing additional geotechnical services to the City.

U-5534C - WRIGHTSVILLE AVENUE/GREENVILLE AVENUE TO HINTON AVENUE

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

Next Steps:

- 100% plans have been reviewed and returned to the consultant to correct grading and traffic controls modifications
- Staff is working on right of way acquisition. Anticipate R/W acquisition completed July 2017
- Bidding anticipated in August 2017

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP

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

Next Steps:

- Revised 65% plan resubmitted to Town for final review and approval
- Town reviewed 65% plans with no additional comments
- Begin R/W acquisition anticipated September 2017
- Construction contract let is anticipated in May 2018

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

Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. The Town desires to combine the project with the awarded 2014 STP-DA project. The right of way certification received December 14, 2016. The design plans have been approved. The PCE is approved. The Engineer's Estimate has been accepted.

Next Steps:

- Finalize contract documents and estimate.
- Town has signed and submitted a supplemental agreement to adjust funding amount
- Supplemental agreement was approved at the June 28-29 BOT meeting

- Construction fund request needs to be put on the BOT agenda before the end of July to make the September BOT meeting
- Anticipated Let Date: September 2017

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

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

Next Steps:

- The City received final plans and cost estimate from VHB.
- The City has received the technical specs sections from VHB, and have been compiled.
- The technical specs were submitted to NCDOT on July 3rd
- The City has received the proposed Supplemental agreement from NCDOT for \$240,000
- The City is preparing the Council package for approval of the Supplemental agreement for the July 18th or Aug 1st Council Meeting
- Construction fund request needs to be put on the BOT agenda before the end of July to make the September BOT meeting
- Anticipated Let Date: September/October 2017

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

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

Next Steps:

- Scoping meeting held on May 8th.
- Design is underway
- Anticipated Let Date: Summer 2018

U-5534H – HINTON AVE MULTI-USE PATH

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

Next Steps:

- Plan comments have been received from NCDOT
- The City is currently reviewing the plans and NCDOT's comments to ensure concurrence.
- The City is awaiting revised plans from McKim & Creed
- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration. The City is awaiting approval from NCDOT.
- Revised 60% plans anticipated within 5 days following the execution of the amendment
- Anticipated Let Date of Fall 2018

U-5534G –HOOKER ROAD MULTI-USE PATH

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

Next Steps:

- Plan comments have been received from NCDOT
- The City is currently reviewing the plans and NCDOT's comments to ensure concurrence.
- The City is awaiting revised plans from McKim & Creed
- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration. The City is awaiting approval from NCDOT.
- Revised 60% plans anticipated within 5 days following the execution of the amendment
- Anticipated Let Date of Fall 2018

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK

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

Next Steps:

- Right of way acquisition underway
- Right of way Certification-TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with "J" project.
- CEI has been selected, but is currently on hold

U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP

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

Next Steps:

- Right of way acquisition underway
- A portion of the project will be redesigned as a MUP, thus extending timeline
- CEI has been selected, but is currently on hold

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

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

Next Steps:

- Right of way acquisition underway

- Right of way Certification TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project.
- CEI has been selected, but is currently on hold

SHIPYARD BOULEVARD SIDEWALK-

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

Next Steps:

- 75% design plans expected in July
- Design completion anticipated October 2017

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

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

Next Steps:

- Design consultant agreement executed
- Revised 90% plans and Engineer’s Estimate have been submitted and are under review by NCDOT
- Finalize contract documents and estimate.
- Anticipated let date September/October 2017

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

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

Next Steps:

- The City has provide the survey for the project
- The City received a design schedule from consultant
- The City is revising the scope of services
- Consultant is providing a revised design scope and schedule based on the drainage issues identified in the 25% plans
- The City anticipates 100 % plan by December 21, 2017

U-5534P –Westgate Multi-Use Path (Design Phase) –

Project Description/Scope: funding for preliminary engineering and design phase services for this project in the amount of \$96,172

Next Steps:

- Resolution authorizing Town Manager to cancel agreement and remove project from the STIP was approved by Council on June 16, 2017
- The Town is requesting to move money awarded to this project to cover the CEI costs associated with the I,J,K projects.

- Present this request to the MPO Board

TASA-DA

CITY OF WILMINGTON – MILITARY CUTOFF ROAD MULTI-USE PATH

Project Descriptions/Scope: This project is for the design and construction of a 10-foot wide, asphalt multi-use path on Military Cutoff Road from Eastwood Road to Drysdale Drive.

Next Steps:

- Close out design contract with LJB
- Amend/Transfer NCDOT contract

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

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

Next Steps:

- Plans, right of way certification and PCE have been approved
- Construction authorization has been received
- The MPO Board has approved an additional \$113,600 in federal funds for the project.
- The City Bike/Ped committee has approved an additional \$28,400 in City matching funds for the project
- A supplemental agreement between NCDOT and City is required for the additional funding, expected to go to council Jul 18, 2017
- Anticipated Let Date: September 2017

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

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

Next Steps:

- NHC selected Davenport for design
- NHC is awaiting bid on Red Cedar to Thais Trail before negotiating scope and fee with consultant
- The bid opening for the section from Red Cedar to Thais Trail will be held on July 12th
- A supplemental agreement between NCDOT and NHC is required to modify the scope and funding
- NHC reaching out to NCDOT to request speed reduction on Middle Sound in the project vicinity

U-5527D HARPER AVE. MULTI-USE PATH

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

Next Steps:

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised

- Advertisement of PE Services is anticipated in early summer 2017
- Anticipated let date June 2018

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO established 2 park and ride lots in Brunswick County and a ridesharing program that began on January 5, 2015. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28, 2015 and also authorized staff to apply for a TDM grant through NCDOT that if approved would fund a full-time TDM Coordinator position. The Agreement with NCDOT for the full-time TDM Coordinator position was approved on November 4, 2015. The Wilmington MPO has hired a full-time TDM Coordinator. Pulsar is continuing to develop branding materials and a marketing plan for the Go Coast.

Next Steps:

- Continue regularly scheduled Go Coast Committee meetings
- Begin development of the Go Coast marketing plan
- Finalize TDM program name and branding materials
- Schedule lunch and learns with area employers to promote Go Coast program
- Partner with large employers to determine vanpool options
- Partner with K-12 schools in WMPO jurisdiction to provide carpool opportunities to parents
- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations
- Finalize bike share RFP
- Coordinate bike share presentations for interested employers



Cape Fear Public Transportation Authority

Project Update

July 2017

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. The Authority has applied for funding from a nationwide discretionary grant program from Federal Transit and is following other opportunities.

Two replacement shuttle vehicles were delivered in March 2017. Three replacement shuttle vehicles were approved by the Authority in April. Seven replacement paratransit vehicles have been approved for funding. The paratransit vehicles will be ordered throughout the summer for delivery in the fall of 2017.

2. **Short Range Transportation Plan** - following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit has begun its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

Under the direction of the Authority's Operations and Planning Committee made up of funding partners, Board members, staff, WMPO board members, WMPO staff, passengers, interested citizens, and professional transit planning consultants, the 9 - 12 month plan is an important tool in identifying and quantifying the public transportation needs of the community. Marketing, public relations, and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying and data collection to assess the needs of current and prospective passengers. Nelson Nygaard is the principal consultant leading the project.

Data collection has begun and is being analyzed. Over fifteen agencies have agreed to assist Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their inaugural meeting. The project is expected to be completed in the spring of 2018.

3. **Long Term Funding** - (no significant change) currently, the Authority does not have a dedicated source of local funding. Strategies to meet future revenue requirements will be identified during SRTP development. The Authority has drafted a *Short Range Financial Plan* which was adopted on January 26, 2017. The financial plan findings will be reviewed by the SRTP consultant and included in the final plan. A study regarding long term funding for transit in the region has been requested by the City of Wilmington and New Hanover County. The request will be included as part of the upcoming short range planning effort.
4. **Shelter Program** - (no significant change) a program to replace and add up to 50 bus shelters and 25 benches at bus stops is underway. Construction of the first eight

shelters is complete. Phase two, consisting of 12 shelters and 15 benches has been designed and construction bidding is being prepared. Phase three consisting of three super stops at Independence Mall, Hanover Center, and Monkey Junction is in the engineering and permitting phase.

WMPO SPONSORED PROJECTS

- 1. Pleasure Island Special Appropriation** - an STBGP-DA transfer was approved by the WMPO in 2016 for \$75,000 to support Wave Transit route 301. The grant has been finalized and funds are expected to be drawn in the current quarter.
- 2. Wilmington Multimodal Transportation Center** - An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved.
Hazardous materials abatement and demolition are nearing completion. Stabilization design is complete and an Invitation for Bid was let on June 09, 2017. Stabilization is expected to take two to three months to complete. Bids are due July 10, 2017 and award is expected on July 27, 2017. Upon completion of stabilization, renovation will commence with an expected facility dedication to take place in the spring of 2018.
- 3. Preventive Maintenance & ADA** - STP-DA funding in the amount of \$351,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is underway and expected to be complete in the second quarter of calendar 2017. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. The allocation does not represent all PM funding to the Authority but will serve to supplement current federal funding.
Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In May 2017 the Authority provided 1,822 ADA passenger trips. The period of performance for the project is 07/01/2016 through 06/30/2017.
- 4. Preventive Maintenance & ADA** - (no change) STBGP-DA funding in the amount of \$510,778 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is in process. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region.

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

- 5. Replacement CNG Buses** - In February 2017 the WMPO appropriated \$372,000 in FHWA funding for two replacement CNG buses. The Authority has a contract for the vehicles with Gillig, LLC. Final pricing pursuant to the PPI provisions of the contract have been determined and a purchase order for the buses is expected to be considered by the Authority on June 22, 2017. Local matching funds have been identified. Pursuant to the contract, delivery is scheduled within 365 days of issuance of a purchase order. The Authority is awaiting the STPGP-DA transfer letter from NCDOT to issue the purchase order.

July 17, 2017

WMPO Project Update List
Projects Under Construction

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

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

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

Contractor has begun Phase I of demo.

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

Contractor: Mountain Creek Contractors Inc.

Bid Amount: \$3,156,247.36

Estimated Completion Date: December 2017

Percent Complete: 61.1%

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

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

Contractor: Barnhill Contracting

Estimated Completion Date: May 2018

Percent Complete: 75.3%

R-2633 BB – (Wilmington Bypass: Bridge over Cape Fear River: C203198) construct a 4-lane divided highway from SR 1430 (Cedar Hill Road) to US 421 (where I-140 currently ends in New Hanover County...this includes the large bridge over the Cape Fear River).

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

Contractor: Balfour Beatty Infrastructure

Estimated Completion Date: June 2018

Percent Complete: 88.0%

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

Contractor: Balfour Beatty Infrastructure

Bid Amount: \$22,082,124.13

Waiting on Final Estimate

Percent Complete: 100%

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

Bid Amount: \$4,640,453.87

Percent Complete: 99.9%. Waiting on final estimate.

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

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

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

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

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

Contractor: Sealand Contractors Corp.

Bid Amount: \$22,000,000.58

Estimated Completion date: November 2018

Percent Complete: 42.6%

Wrightsville Avenue (EB-4411C: DC00119):

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

Contractor: Highland Paving Company

Bid Amount: \$1,540,740.05

Percent Complete: 100.0%. Waiting on Final Estimate

B-4929: (C203789) Bridge @ Surf City NC 50/210 - replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure. All foundation piles were driven before April 1st. Contractor currently drilled 2 piers on island side, and 3 piers on the mainland side. Setting forms for columns and bent cap.

Contractor: Balfour Beatty Infrastructure

Bid Amount: \$53,651,508.35

Estimated Contract Completion Date November 2020

Percent Complete: 27.6%

Future Projects

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

ROW and Utilities: FY 2018 – FY 2020.

Let date for construction: FY 2020.

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

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

Let Date September 2020

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

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

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

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

Let Date September 2017

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

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

Realignment of Lendire Road currently under construction by NCDOT.

Construction forecasted from FY2017 - FY2021

Let Date October 2017

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

Let Date June 2018

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

Let Date October 2018

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

Let Date December 2018

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

Let Date July 2021

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

Let Date July 2021

U-5790: US 421 (Carolina Beach Road) widen existing US 421 from Sanders Road to NC 132 (College Road) and construct fly-overs at Monkey Junction intersection

Design Build Selection Date January 2020

U-5731: US 74 (US 17/US 421 in Wilmington)

Construct a Fly-Over and Free Flow Ramp at interchange

Let Date September 2022

R-5701: US 117 Business (Intersection of N. Walker Street and E. Wilmington Street)

Construct roundabout.

Let Date for construction: FY 2020

U-5732: US 17 (Ocean Highway in Hampstead)

Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). **Note: Will be built in conjunction with Hampstead Bypass.**

Let Date September 2020

U-5734: US 421 (South Front Street)

Widen to multi-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)

Let Date September 2023. Right of Way and Utilities Let 2021

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

Let Date January 2022

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

Feasibility Study in progress.

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

Environmental Assessment in progress.

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

Feasibility Study in progress.

Resurfacing Contracts - New Hanover County

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Let Date Spring: 2017

Estimated Completion Date: November 2017

Percent Complete: 43.9%

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

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

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

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

Resurface the following secondary routes in New Hanover County:

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

Widen & resurface following routes in New Hanover County:

- SR 1940 (Covil Farm Rd)** - from SR 1409 (Military Cut-Off Rd) to SR 1916 (Red Cedar Rd)
- SR 2717 (Torchwood Blvd.)** - from US 17 Bus. (Market St.) to SR 2718 (Beacon Dr.)

Mill & resurface a section & just resurface another section of SR 1363 (Bayshore Dr.) from US 17 Bus. (Market St.) to SR 1393 (Biscayne Dr.)

New Hanover:

I-40 – milling & resurfacing from Gordon Road interchange to NC 210 interchange

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

No activity to report to date

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

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

Contractor: Barnhill Contracting Company

Estimated Contract Completion Date August 2017

Percent Complete: 15.8%

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

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

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

Includes safety projects:

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

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

Contractor: Barnhill Contracting Company

Percent Complete: 21.7%. Estimated Contract Completion Date: February 2018

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

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

No activity to report to date

Resurfacing Projects - Brunswick County

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

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

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

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

Estimated Completion Date: December 2017

Percent Complete: 28.2%

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

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

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

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

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

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

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

Contractor: S.T. Wooten

Percent Complete: 100.0%. Waiting on final estimate

Resurfacing Contract: DC00117, Brunswick County:

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

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

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

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

SR 1209 (9th Street) resurfacing from NC 211 to end of system, in Southport

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

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

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

Contractor: Highland Paving Company

Percent Complete: 100%. Waiting on final estimate

Resurfacing Contract: 2016, C203760, Brunswick County:

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

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

SR 1137 (Boones Neck Road)

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

SR 1241 (Milliken Avenue) resurfacing from

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

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

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

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

SR 1944 (Deep Branch Road)

SR 1944 (Deep Branch Road) resurfacing from SR 1942 (Bruce Lane) to SR 1940 (Claremont Drive)

SR 1813 (Pinewood Drive) resurfacing from SR 1950 (Camelia Drive) to end of system

SR 1943 (Country Club Drive) resurfacing from SR 1949 (Brierwood Road) to SR 1941 (Stratford Place)

SR 1949 (Brierwood Road) resurfacing from SR 1943 (Country Club Drive) to Shallotte City Limits

SR 1950 (Camelia Drive) resurfacing from SR 1141 (Kirby Road) to SR 1813 (Pinewood Drive)

SR 1951 (Driftwood Acres Drive) resurfacing from SR 1950 (Camelia Drive) to end of the system

SR 1952 (Myrtlewood Drive) resurfacing from SR 1950 (Camelia Drive) to end of the system

Percent Complete: 100%

New Contract: Resurfacing Contract: WBS: 2018CPT.03.03.10101, Brunswick County US 76 E. & W., US 421 N., NC 130, NC 179, NC 904.

No activity to report to date

- Changes to Project Update List made July 10, 2017

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