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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: June 9, 2017
SUBJECT: June 14th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, June 14th at 10 am. The meeting will be held in the Lord Spencer Compton Conference Room at 102 North 3rd Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Consent Agenda
 - a. Approval of TCC Meeting Minutes- May 17, 2017
 - 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
- 4) Regular Agenda
 - a. Resolution supporting the submittal of Bike/Pedestrian Projects for Prioritization 5.0
 - b. Resolution supporting the submittal of Highway Projects for Prioritization 5.0
- 5) Discussion
 - a. Prioritization 5.0 Public Transportation Projects
 - b. Prioritization 5.0 Aviation Projects
 - c. Direct Attributable Submittal Form Proposal
- 6) Updates
 - a. Crossing over the Cape Fear River
 - b. Wilmington Urban Area MPO
 - c. Wilmington Urban Area MPO's Metropolitan Transportation Plan
 - d. Cape Fear Public Transportation Authority
 - e. NCDOT Division
 - f. NCDOT Transportation Planning Branch
- 7) Announcements

Wilmington Urban Area Metropolitan Planning Organization

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- a. WMPO Bike/Ped Committee Meeting- August 20th
8) Next meeting –July 12, 2017

Attachments:

- TCC Meeting Minutes- May 17, 2017
- Prioritization 5.0 Ferry and Waterway Projects Memorandum
- Resolution supporting the submittal of Ferry and Waterway Projects for Prioritization 5.0
- Resolution requesting the North Carolina Department of Transportation Division of Motor Vehicles update the North Carolina Driver’s Handbook for bicycle and pedestrian safety
- Prioritization 5.0 Bike/Pedestrian Projects Memorandum
- Resolution supporting the submittal of Bike/Pedestrian Projects for Prioritization 5.0
- Prioritization 5.0 Highway Projects Memorandum
- Resolution supporting the submittal of Highway Projects for Prioritization 5.0
- Prioritization 5.0 Public Transportation Projects Memorandum
- Prioritization 5.0 Aviation Projects Memorandum
- Draft Proposed Direct Attributable Submittal Form
- Cape Fear River Crossing Update (June)
- Wilmington MPO Project Update (June)
- Cape Fear Public Transportation Authority Update (June)
- NCDOT Project Update (June)

**Wilmington Urban Area
Technical Coordinating Committee
Meeting Minutes for May 17, 2017**

Members Present:

Mike Kozlosky, City of Wilmington	Ashli Barefoot, Town of Leland
Adrienne Harrington, TDM	Helen Bunch, Brunswick County
Ed Parvin, Town of Carolina Beach	Megan Crowe, Pender County
Ken Vafier, New Hanover County	Allen Serkin, Cape Fear COG
Stephanie Ayers, NC State Ports Authority	Nazia Sarder, NCDOT Planning Branch
Athina Williams, Town of Belville	

1. Call to Order

Mr. Kozlosky called the meeting to order at 10:03 a.m.

Ms. Williams introduced the Technical Coordinating Committee's newest member, Mr. John Allen, Planner, Town of Belville. Mr. Allen expressed appreciation and made some brief comments regarding his background.

2. Approval of Agenda

With no changes to the agenda, Ms. Williams made the motion to approve the agenda. Ms. Harrington seconded the motion and it carried unanimously.

3. Presentation

a. Cape Fear Regional Bicycle Plan, Allen Serkin, Cape Fear RPO

Mr. Serkin gave a presentation on the Cape Fear Regional Bicycle Plan. He told members that this final draft of the regional plan has a large study area irrespective of county boundaries, and will be moved forward to various planning and elected boards for adoption. He gave an overview of its history, purpose, and study area. He encouraged members to review the recommendations for their respective communities, and to provide feedback on the appropriateness of the designations. He noted that maps would be distributed after plan adoption. He added that he would be in contact with members regarding presentations to their respective boards.

In response to an inquiry by Ms. Williams, Mr. Serkin stated that no short-term projects are planned for coastal Pender County. He noted that many short-term projects are partnering with municipalities to use Powell Bill funds or other means to maintain facilities independent of NCDOT.

Ms. Crowe commented that several plans are emerging that keep developers on the hook.

Mr. Serkin pointed out that these may not be regional in nature.

In response to an inquiry by Ms. Williams, Ms. Harrington reported that about 509 people have pledged to participate in Bike to Work Week, whether for cycling to work or running errands. (The actual number of participants is expected to differ.)

Ms. Crowe expressed concerns regarding bicycle safety. Mr. Serkin responded that the fold-out map will include bicycle safety tips.

Ms. Barefoot requested that an electronic version of the brochure be distributed to members.

Mr. Serkin responded that it would be.

4. Consent Agenda

- a. **Approval of TCC Meeting Minutes - April 12, 2017**
- b. **Opening of the 30-day public comment period for STIP/MTIP Amendment (May)**
- c. **Resolution approving the STIP/MTIP Amendment (April)**
- d. **Resolution approving the STIP/MTIP Modification (April)**
- e. **Resolution adopting the Cape Fear Regional Bicycle Plan**
- f. **Resolution authorizing the Executive Director to sign the letter of engagement with Smith Moore Leatherwood LLP for General Legal Representation**
- g. **Resolution supporting Alternative MA and/or Alternative NA as the Wilmington Urban Area MPO's preferred alternatives for the Cape Fear Crossing project**

Ms. Ayers requested to pull Item 4g (Resolution supporting Alternative MA and/or Alternative NA as the Wilmington Urban Area MPO's preferred alternatives for the Cape Fear Crossing project) from the Consent Agenda for further discussion.

Ms. Barefoot made a motion to approve Items 4a through 4f on the Consent Agenda and to forward them to the Board for consideration. Ms. Harrington seconded the motion and it carried unanimously.

Ms. Ayers proposed that the resolution (Item 4g) include a stipulation regarding a height requirement for any southern alignment. She stated that the Port would require a 235-foot height clearance to meet current and future shipping needs.

With no other questions, Ms. Ayers made the motion to approve revised Item 4g to include the required height clearance.

Mr. Kozlosky reminded the Committee that a merger team meeting is planned for the end of this month. He stated that the alternatives were presented during a work session of the WMPO Board on April 26, 2017. He noted that the Board supported not removing alternatives B, G, MA, NA and Q, and removing the remainder. He added that the Board requested a resolution supporting Alternatives MA and NA as their preferred alternatives for its May agenda.

Ms. Harrington seconded the motion. Following further consideration the motion carried unanimously.

5. Discussion

a. Prioritization 5.0 Bike/Pedestrian Projects

Ms. Doliboa told members that the Bike/Ped Committee last month decided to submit MTP (Metropolitan Transportation Plan) projects that rank the highest. She stated that project #62 was added because it's part of the Middle Sound Loop Multiuse Path, and is both in the STIP (Statewide Transportation Improvement Program) and a DA (Direct Attributable) project. She explained that project #47 and project #72 were also added as regional projects in Brunswick and Pender counties. A brief question/answer and discussion period was held.

Mr. Serkin inquired about the ranking of project #47 and project #72. Ms. Doliboa explained that they were submitted in Prioritization 4.0.

Ms. Crowe stated that Pender County proposes exchanging project BP72 with project BP70. She noted that the preference is to start with Jenkins Road from US Hwy 17. Ms. Motsinger responded that this revision would be made.

In response to an inquiry by Mr. Vafier regarding project #62, Ms. Doliboa stated that a gap exists between the multiuse path and the intersection.

In response to an inquiry by Mr. Serkin, Mr. Kozlosky reminded members that a final list would be presented for consideration at the Committee's June meeting.

b. Prioritization 5.0 Highway Projects

Ms. Motsinger told members that a list of potential highway projects has been included in the agenda packet to be brought back for consideration at the Committee's June meeting and consideration. She reminded members that a similar list came to the Committee in February at which time the DOT (Department of Transportation) requested a pre-submittal list. She noted that the local Division indicated it would submit project R6 and project R46 from the MTP (Metropolitan Transportation Plan).

Mr. Vafier pointed out an error in the note on project R6. Ms. Motsinger stated that the note should refer instead to the length of Gordon Road from US 17 to Market.

Ms. Barefoot requested that project #34 (Old Fayetteville Road widening) be reviewed for consistency with the Town of Leland's Master Plan once the scope is defined.

Ms. Motsinger agreed and stated that the list would be brought back to the Committee for approval at its next meeting.

c. Prioritization 5.0 Ferry and Waterway Projects

Ms. Doliboa told members that these two (2) projects are listed in the MTP (Metropolitan Transportation Plan). She noted that Mr. Sterling Baker, Director of the NCDOT Facilities Management Unit, requested to change project #F1 from New River Call Vessel to Additional River Call Vessel.

Mr. Serkin offered to add project #F2 since it is outside the MPO boundary. A brief question/answer and discussion period was held.

d. Wilmington Bike Share Program

Mr. Kozlosky told members that the Board received a presentation on the potential bike share program in the region. He noted that the City is willing to support it; however, has no resources to do so. He added that it's in the TDM Plan.

Ms. Harrington stated that UNCW initiated a bike share on campus in November, and added a few more bikes in January for a total of 70 bikes and seven (7) stations. She noted that university plans to add a few more stations.

Mr. Kozlosky inquired about any potential interest in using TDM resources for a bike share program.

In response to an inquiry by Mr. Serkin, Ms. Harrington stated that the TDM Plan includes a list of strategies prioritized as high, medium or low that includes a bike share. She noted that she is working with many employers in the region, which may provide an opportunity to expand the bike share program. She added that the bike share operator typically provides assistance in managing it.

Mr. Kozlosky pointed out that a cost is associated with the program. He noted that DA (Direct Attributable) funds could only be used for capital (not operations). A question/answer and discussion period was held.

Ms. Harrington stated that UNCW has more than 14,000 rides for the spring semester alone.

Mr. Kozlosky pointed out that the transportation fee is being used to pay for it.

Ms. Harrington stated that the cost in excess of the user fee is about \$110 per bike per month; which covers maintenance every two (2) weeks, marketing, outreach, and establishing a funding structure. She noted that UNCW is paying for it, and will be seeking sponsorships in the future. She added that Charleston's program is paid for by the hospital, and Charlotte's, by BlueCross/BlueShield.

Mr. Kozlosky stated that it will be necessary to meet with the County to assess interest and then to send out a Request for Proposals (RFP) to determine cost. He estimated that even with support the program would take a number of years to implement.

Ms. Harrington added that the new smart bike model allows stations to be shifted easily.

In response to an inquiry by Mr. Parvin, Mr. Kozlosky stated that bike rentals in beach towns may be concerned regarding competition.

Mr. Parvin commented that beach rentals in Carolina Beach would welcome the amenity.

Mr. Serkin commented that more information would be necessary.

6. Updates

Updates are included in the agenda packet.

7. Announcements

- Ms. Harrington reported May Bike Month Events as follows: River to Sea, April 22, 2017 – 380 participants; Bike to School event with Holly Tree Elementary – 120 participants; Bike to Work Week (including errands that save a vehicle trip) this week – 509 pledges; and Cape Fear Cyclists have a few events planned (<http://www.capefearcyclists.org/>).

Ms. Barefoot expressed interest in gathering geographic information about participants in order to calculate growth and prioritize capital improvements.

- WMPO Bike/Ped Committee Meeting, June 14th

8. Adjournment

With no further items, the meeting was adjourned at 10:51 a.m.

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



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TO: WMPO Board
FROM: Beth Doliboa, Associate Transportation Planner
DATE: June 14, 2017
SUBJECT: **WMPO Prioritization 5.0 Potential Submittals: Ferry and Water Transportation**

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 Ferry and Water Transportation Projects. This list is derived from the draft *Cape Fear Transportation 2040 Plan*.

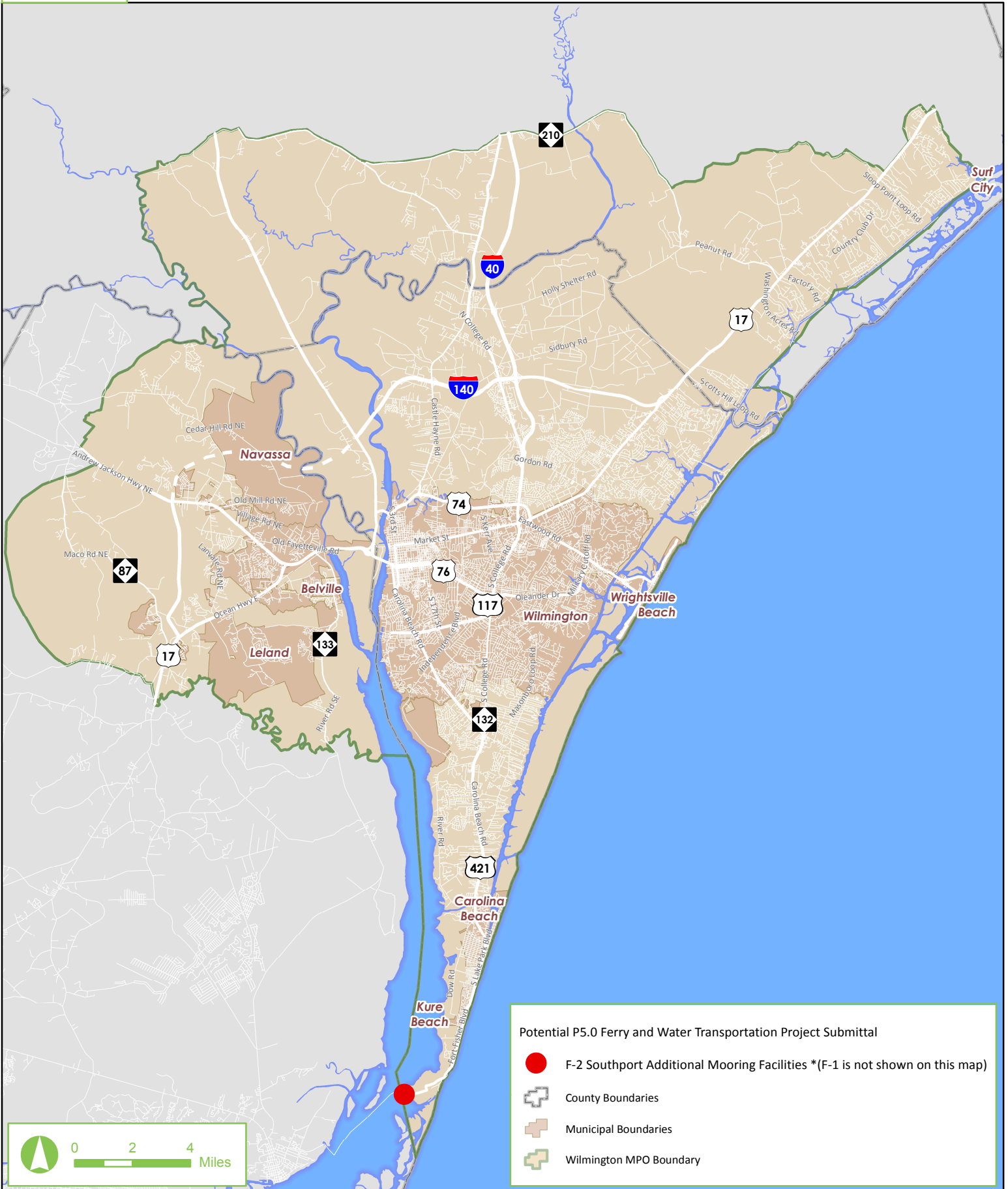
Ferry and Water Transportation

1. F-1 Additional River Call Vessel (Southport to Ft. Fisher)
2. F-2 Southport Additional Mooring Facilities



WMPO Prioritization 5.0 Potential Submittals: Ferry

6/14/17



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE SUBMISSION OF FERRY AND WATER
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 water and ferry transportation projects through Prioritization 5.0; and

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

- F-1 Additional River Call Vessel (Southport to Ft. Fisher)
- F-2 Southport Additional Mooring Facilities

NOW THEREFORE, be it resolved that the Board of Wilmington Urban Area Metropolitan Planning Organization hereby endorses the submission of water and ferry 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 June 28, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION DIVISION OF MOTOR VEHICLES (NCDOT-DMV) IMPROVE THE
NORTH CAROLINA DRIVER'S HANDBOOK TO INCLUDE MORE COMPREHENSIVE
INSTRUCTION ON THE LAWS PERTAINING TO BICYCLES AND PEDESTRIANS**

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 responsibilities of the Wilmington Urban Area Metropolitan Planning Organization (WMPO) Bicycle and Pedestrian Advisory Committee include supporting the enforcement of traffic laws for all roadway users; providing recommendations to the WMPO Board with regards to bicycle and pedestrian accommodations; promoting the use of bicycling and walking for transportation, and developing safe bicycle and pedestrian facilities; and

WHEREAS, the NCDOT's Traffic Engineering Accident Analysis System (TEAAS) identified 285 bicycle crashes including 6 fatalities and 373 pedestrian crashes including 36 fatalities within the Wilmington Urban Area Metropolitan Planning area boundary between the years 2007 through 2014; and

WHEREAS, New Hanover County and its affiliated city and towns, the University of North Carolina Wilmington and Cape Fear Community College participate in the Watch For Me NC bicycle/pedestrian/driver safety campaign; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization supports improving safety for bicyclists, pedestrians, and drivers; and

WHEREAS, the *North Carolina Driver's Handbook* is the driver's education manual and Chapter 6 – Share the Road includes two pages about bicyclists on the road and approximately half a page about pedestrians; and

WHEREAS, the *North Carolina Driver's Handbook* does not address information from House Bill 959 signed into law on July 11, 2016 which includes changes to portions of North Carolina's bicycle safety law nor does it provide in depth education regarding driver's responsibilities while sharing the road with bicyclists and pedestrian.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests that NCDOT-DMV update the *North Carolina Driver's Handbook* to incorporate the new laws signed into effect on July 11, 2016, including more in-depth information and education regarding the driver's responsibilities while sharing the road, resulting in better education of the public to improve safety for bicyclists and pedestrians.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on June 28, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



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TO: WMPO Board
FROM: Beth Doliboa, Associate Transportation Planner
DATE: June 14, 2017
SUBJECT: **WMPO Prioritization 5.0 Potential Submittals: Bicycle and Pedestrian**

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 find the recommendation for submittal to NCDOT for Prioritization 5.0 Bicycle and Pedestrian Projects. This list is derived from the *Cape Fear Transportation 2040* Plan and modified based on conversations at the May TCC and WMPO Board meetings.

Bicycle and Pedestrian

1. BP-3 N. College Rd (New Town Rd to Danny Pence Dr)
2. BP-4 Wooster St (S. 8th Street to Oleander Dr)
3. BP-5 Wilshire Blvd (Wrightsville Ave to Kerr Ave)
4. BP-6 College Rd & Wilshire Blvd Intersection
5. BP-7 5th Ave (Ann St to Greenfield Lake Park)
6. BP-8 College Rd (Hurst Dr to Randall Pkwy)
7. BP-9 5th Ave (Rail Line North of Campbell St to Ann St)
8. BP-10 Wilshire Blvd (Kerr Ave to MacMillan Ave)
9. BP-12 College Rd (Wrightsville Ave to Wilshire Blvd)
10. BP-14 23rd St (One Tree Hill Way to Princess Place Dr)
11. BP-15 N College Rd (NE Northchase Pkwy to New Village Way)
12. BP-16 New Centre Dr (Market St to College Rd)
13. BP-18 Carolina Beach Rd & Front St/Burnett Blvd Intersection
14. BP-21 College Rd (Randall Pkwy to New Centre Dr)
15. BP-23 Dow Rd (Clarendon Ave to Lake Park Blvd)
16. BP-24 Hospital Plaza Dr Path (Lakeshore Dr to 17th St)
17. BP-62 Market St & Middle Sound Loop Rd Intersection
18. BP-47 US17 & Old Waterfold Way/Ploof Rd Intersection
19. BP-70 Jenkins Rd (US 17 to St. Johns Church Rd)

Please note if approved for funding a local match commitment will be required.

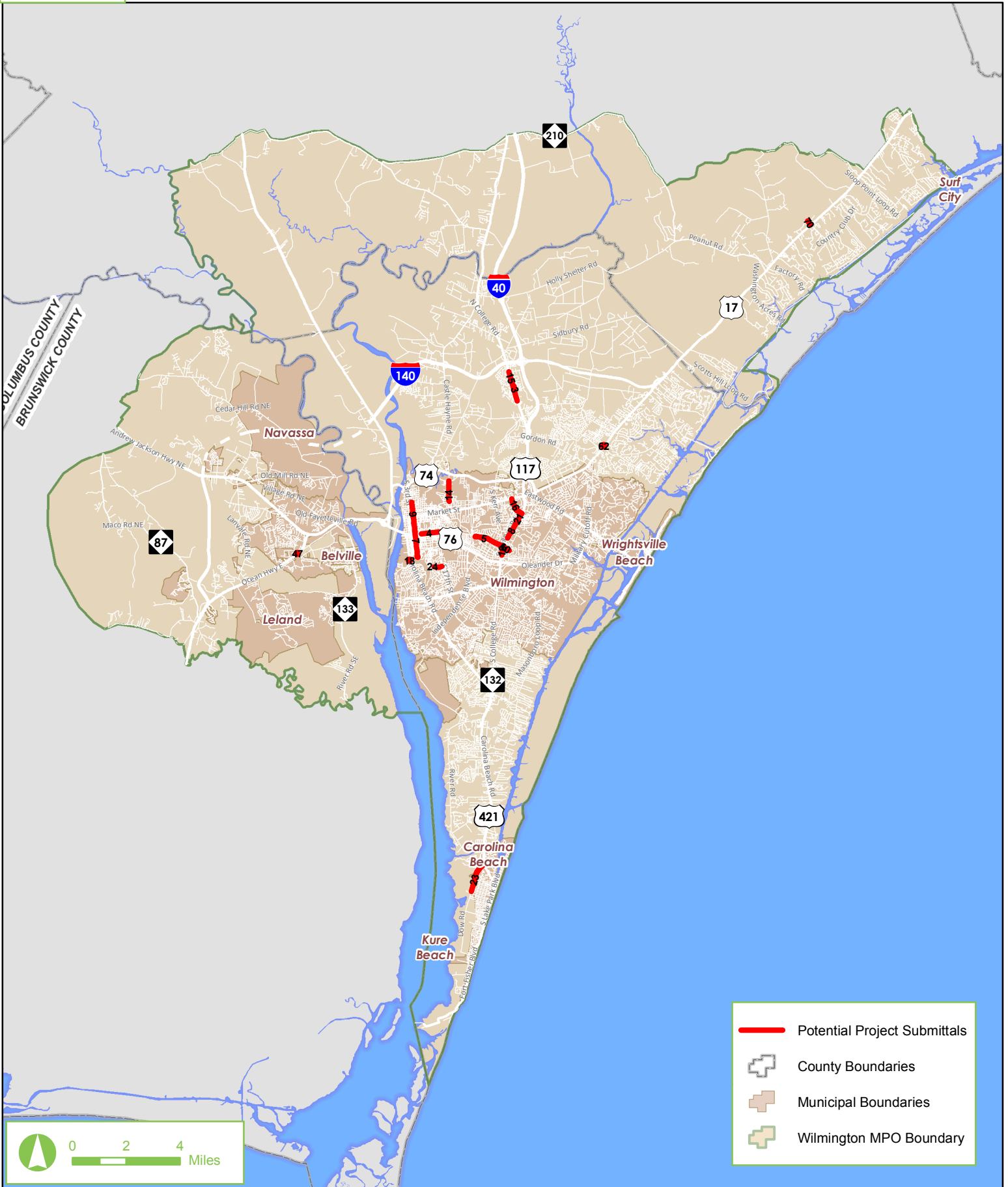
Wilmington Urban Area Metropolitan Planning Organization

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



WMPO Prioritization 5.0 Potential Submittals: Bicycle and Pedestrian

6/14/17



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE SUBMISSION OF BICYCLE AND PEDESTRIAN
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 bicycle and pedestrian projects through Prioritization 5.0; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization Bicycle and Pedestrian Advisory Committee approved the submittal of the list of projects at the April 11, 2017 committee meeting; and

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

- BP-3 N. College Rd (New Town Rd to Danny Pence Dr)
- BP-4 Wooster St (S. 8th Street to Oleander Dr)
- BP-5 Wilshire Blvd (Wrightsville Ave to Kerr Ave)
- BP-6 College Rd & Wilshire Blvd Intersection
- BP-7 5th Ave (Ann St to Greenfield Lake Park)
- BP-8 College Rd (Hurst Dr to Randall Pkwy)
- BP-9 5th Ave (Rail Line North of Campbell St to Ann St)
- BP-10 Wilshire Blvd (Kerr Ave to MacMillan Ave)
- BP-12 College Rd (Wrightsville Ave to Wilshire Blvd)
- BP-14 23rd St (One Tree Hill Way to Princess Place Dr)
- BP-15 N College Rd (NE Northchase Pkwy to New Village Way)
- BP-16 New Centre Dr (Market St to College Rd)
- BP-18 Carolina Beach Rd & Front St/Burnett Blvd Intersection
- BP-21 College Rd (Randall Pkwy to New Centre Dr)
- BP-23 Dow Rd (Clarendon Ave to Lake Park Blvd)

- BP-24 Hospital Plaza Dr Path (Lakeshore Dr to 17th St)
- BP-47 US17 & Old Waterfold Way/Ploof Rd Intersection
- BP-62 Market St & Middle Sound Loop Rd Intersection
- BP-70 Jenkins Rd (US 17 to St. Johns Church Rd)

NOW THEREFORE, be it resolved that the Board of Wilmington Urban Area Metropolitan Planning Organization hereby endorses the submission of bicycle and pedestrian 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 June 28, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



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TO: WMPO Board
FROM: Suraiya Motsinger, Senior Transportation Planner
DATE: June 14, 2017
SUBJECT: **WMPO Prioritization 5.0 Potential Highway Projects**

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). After discussion and review at the May 31, 2017 WMPO Board Meeting, an initial proposed list of highway projects was reviewed for feasibility with the NCDOT SPOT staff and NCDOT Division 3. Based on discussions with the NCDOT SPOT group, a few project changes/additions were suggested so as to increase the feasibility of funding towards the initial project list. The projects in the list below encompass staff's updated list of anticipated new highway project submittals:

New Submittals:

1. R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *3 lane cross-section*
2. R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *4 lane cross-section*
3. R-33 Kerr Avenue Widening (Patrick Avenue to Wrightsville Avenue)
4. R-34 Old Fayetteville Road Widening (Village Road to US74/76/Andrew Jackson Highway)
5. R-35 N 23rd Street Widening (NC133/Castle Hayne Road to US74/MLK Jr. Parkway)
6. R-36 NC210 and Island Creek Road Intersection Improvements
7. R-36 NC210 Improvements (NC210/Island Creek Road to US17)
8. R-39 Country Club/Doral Drive and Sloop Point Loop Road
9. R-40 Kerr Avenue Extension (Wrightsville Avenue to US76/Oleander Drive)
10. R-43 Front Street and Carolina Beach Road Intersection
11. R-44 Old Fayetteville Road Interchange
12. R-50 Burnett Boulevard and Myers Street Intersection
13. R-52 US17 to NC133 Connection (US17 to NC133)
14. R-53 NC133 River Road Widening (US17/74/76 to Westport Drive)
15. R-53 NC133 River Road Widening (Westport Drive to Rabon Way SE)
16. R-55 Magnolia Drive Extension (Mount Misery Road to Old Mill Road)
17. R-57 River Road Widening (Independence Boulevard to US421/Carolina Beach Road)
18. R-58 Cape Fear River Crossing (US17/Andrew Jackson Highway to US421/Carolina Beach Road – *New Location*)
19. R-58 Cape Fear River Crossing (US17/Andrew Jackson Highway to US421/Carolina Beach Road – *Upgrade Existing*)

Wilmington Urban Area Metropolitan Planning Organization

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County of Pender • Cape Fear Public Transportation Authority • North Carolina Department of Transportation

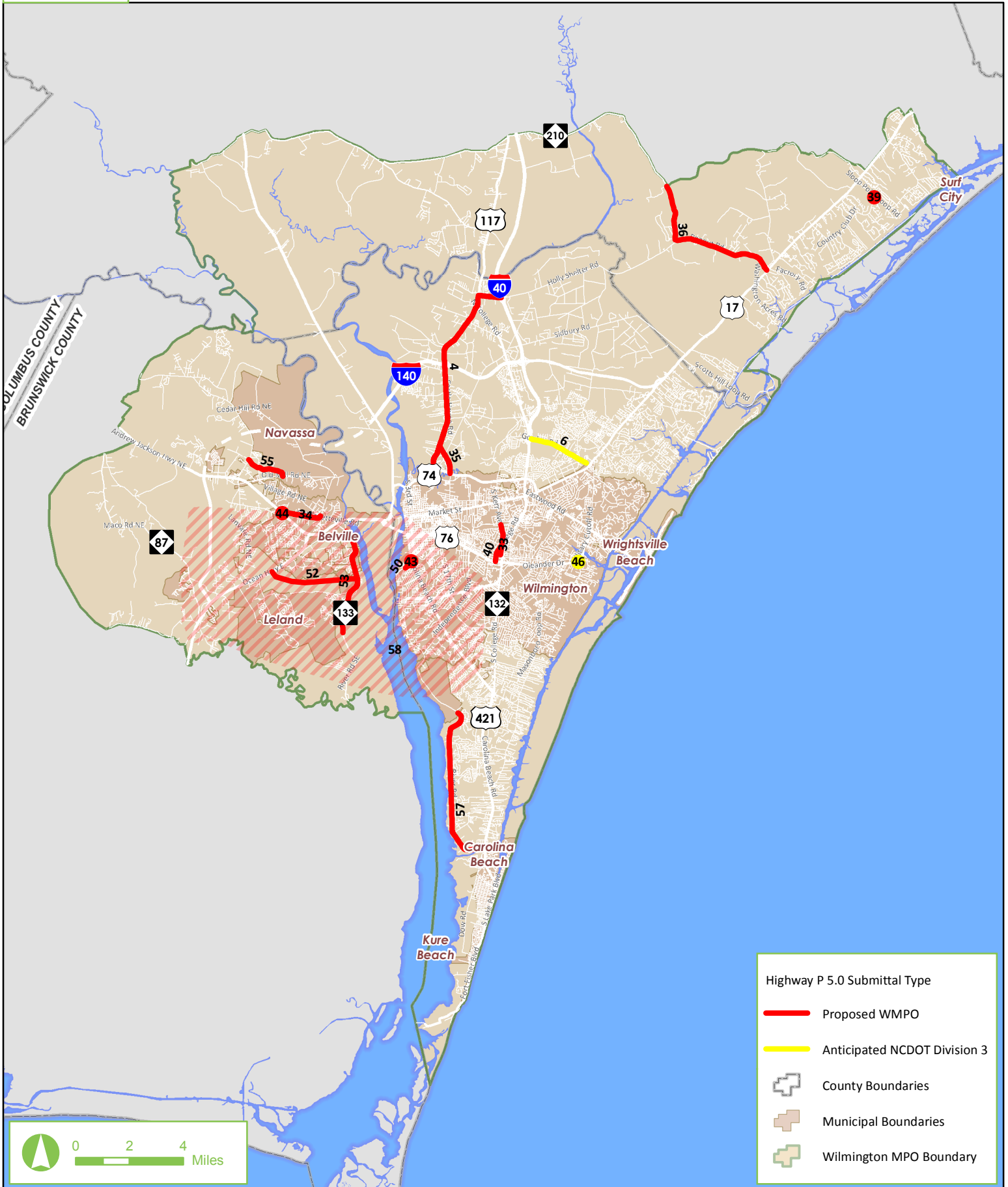
Based on discussions with Division 3, there are two projects that had previously been included on the WMPO's Prioritization 5.0 process pre-submittal memorandum which Division 3 anticipates submitting. Because Division 3 will be submitting these projects, the WMPO does not need to submit them for evaluation through NCDOT's Prioritization 5.0 process.

1. R-6 Gordon Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road)
2. R-46 Greenville Avenue and Oleander Drive Intersection



WMPO Prioritization 5.0 Potential Highway Projects

6/8/17



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE SUBMISSION OF HIGHWAY 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 highway projects through Prioritization 5.0; and

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

- R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *3 lane cross-section*
- R-4 Castle Hayne Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road) – *4 lane cross-section*
- R-33 Kerr Avenue Widening (Patrick Avenue to Wrightsville Avenue)
- R-34 Old Fayetteville Road Widening (Village Road to US74/76/Andrew Jackson Highway)
- R-35 N 23rd Street Widening (NC133/Castle Hayne Road to US74/MLK Jr. Parkway)
- R-36 NC210 and Island Creek Road Intersection Improvements
- R-36 NC210 Improvements (NC210/Island Creek Road to US17)
- R-39 Country Club/Doral Drive and Sloop Point Loop Road
- R-40 Kerr Avenue Extension (Wrightsville Avenue to US76/Oleander Drive)
- R-43 Front Street and Carolina Beach Road Intersection
- R-44 Old Fayetteville Road Interchange
- R-50 Burnett Boulevard and Myers Street Intersection
- R-52 US17 to NC133 Connection (US17 to NC133)
- R-53 NC133 River Road Widening (US17/74/76 to Westport Drive)

- R-53 NC133 River Road Widening (Westport Drive to Rabon Way SE)
- R-55 Magnolia Drive Extension (Mount Misery Road to Old Mill Road)
- R-57 River Road Widening (Independence Boulevard to US421/Carolina Beach Road)
- R-58 Cape Fear River Crossing (US17/Andrew Jackson Highway to US421/Carolina Beach Road- *New Location*)
- R-58 Cape Fear River Crossing (US17/Andrew Jackson Highway to US421/Carolina Beach Road – *Upgrade Existing*)

WHEREAS, NCDOT Division 3 can submit up to 14 new highway projects for Prioritization 5.0; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires for the North Carolina Department of Transportation’s Division 3 to consider submitting highway projects for Prioritization 5.0 evaluation as follows:

- R-6 Gordon Road Widening (US74/MLK Jr. Parkway to Holly Shelter Road)
- R-46 Greenville Avenue and Oleander Drive Intersection

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

NOW THEREFORE ALSO, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests that the North Carolina Department of Transportation Division 3 consider submission of the Wilmington Urban Area MPO’s additional highway 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 June 28, 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
FROM: Suraiya Motsinger, Senior Transportation Planner
DATE: June 14, 2017
SUBJECT: **WMPO Potential Prioritization 5.0 Public Transportation Project Submittals**

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). The projects in the list below encompass staff's anticipated new project submittals for public transportation:

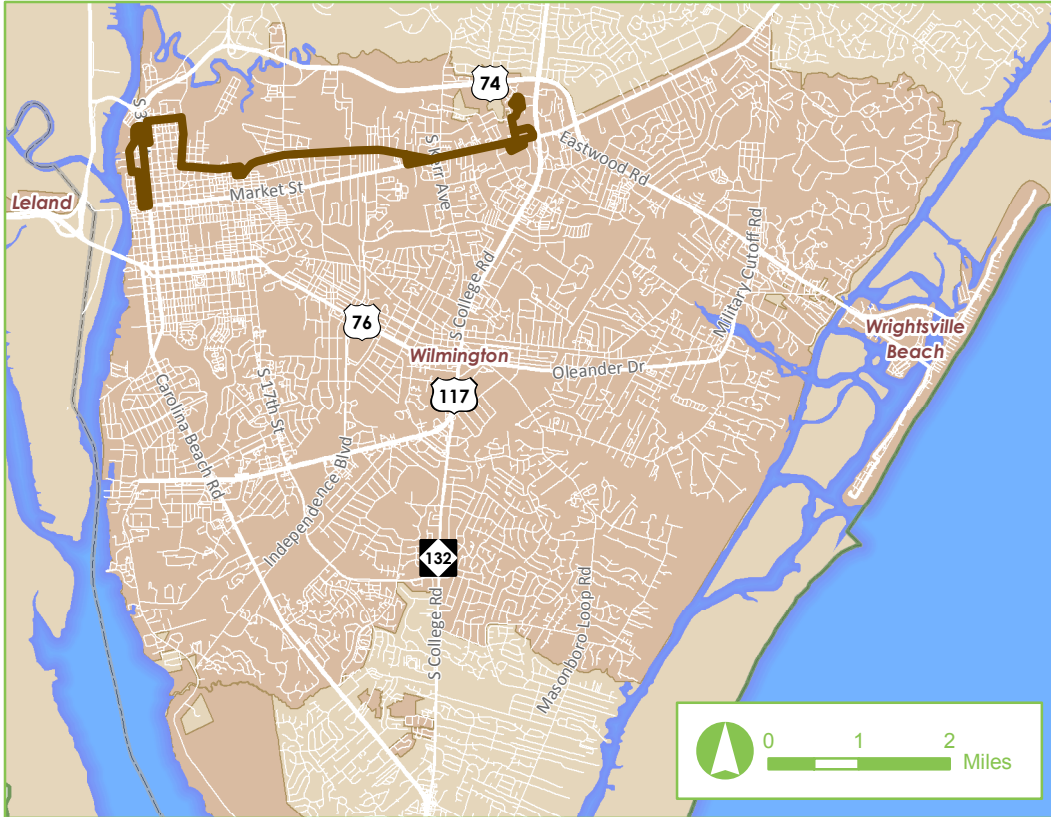
Public Transportation

1. Route 101 Amenity Upgrades (Princess Place)
2. Route 103 Amenity Upgrades (Oleander East)
3. Route 104 Amenity Upgrades (Northeast)
4. Route 106 Amenity Upgrades (Shipyard Boulevard)
5. Route 201 Amenity Upgrades (Carolina Beach Road)
6. Route 202 Amenity Upgrades (Oleander West)
7. Route 204 Amenity Upgrades (Brunswick Connector)
8. Route 205 Amenity Upgrades (Long Leaf Park)
9. MT-119 Wilmington Multimodal Transportation Center
10. MT-19 Additional Service (Market Street from College Road to Porter's Neck Walmart)

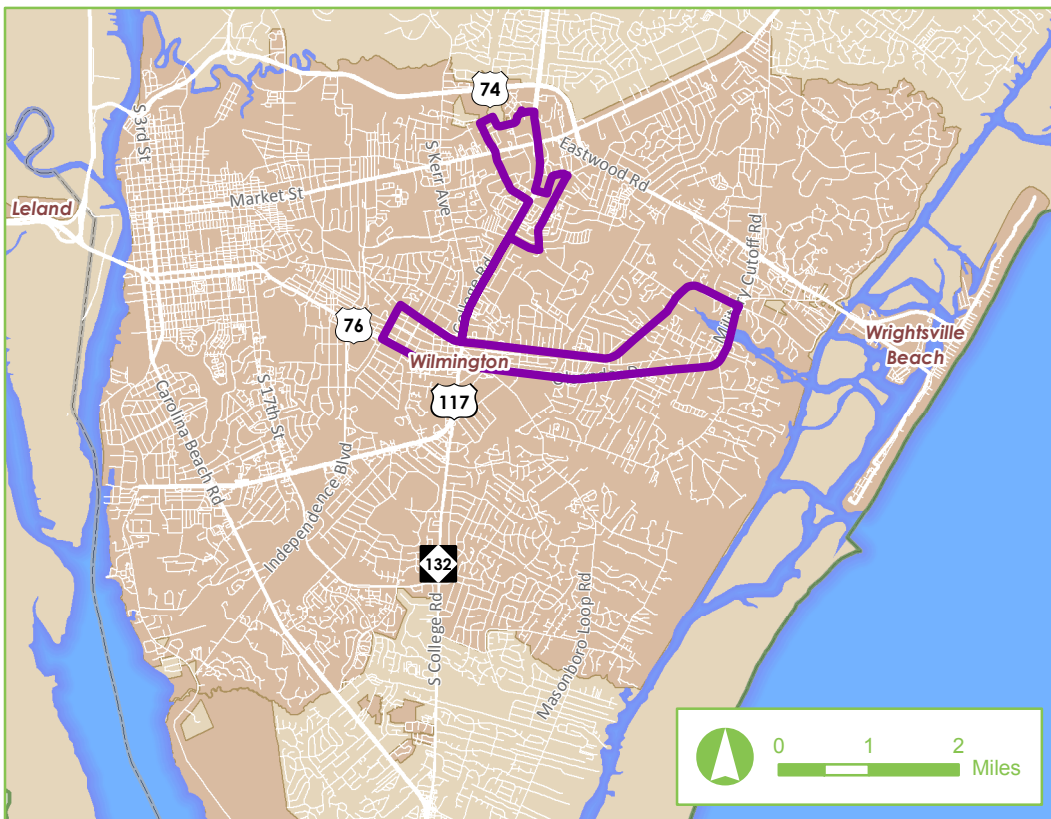


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 101 and 103 Amenity Upgrades



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

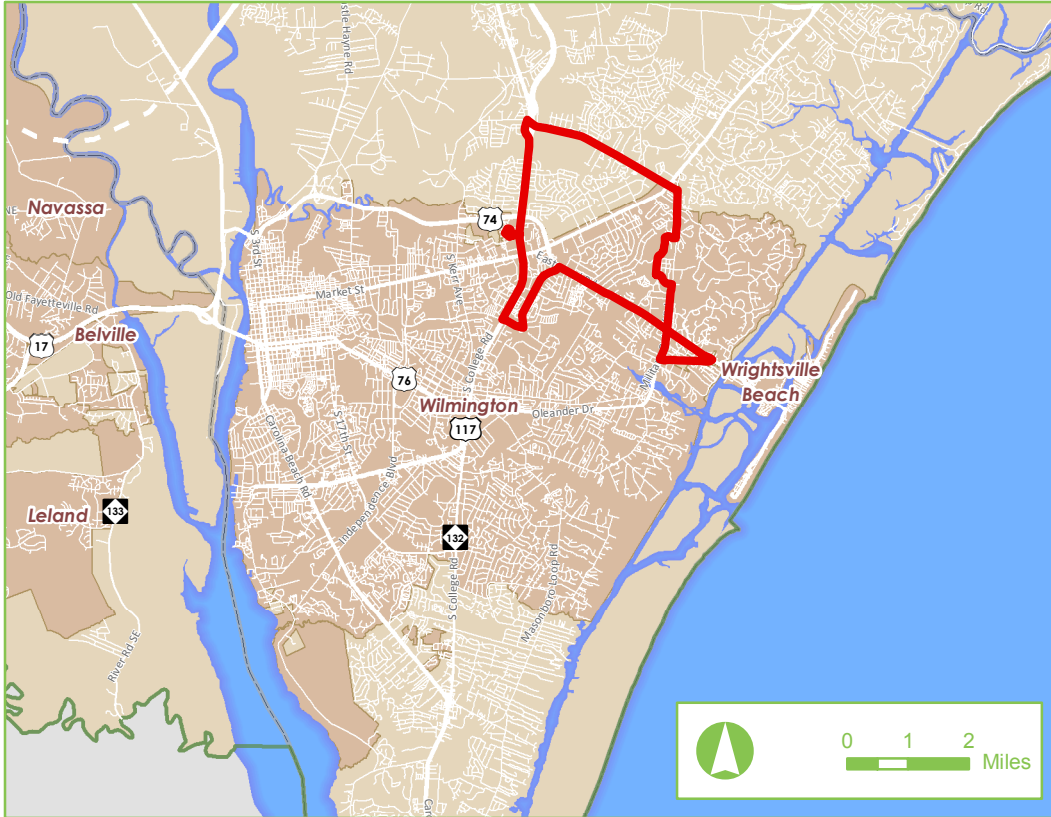


- Route 103
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

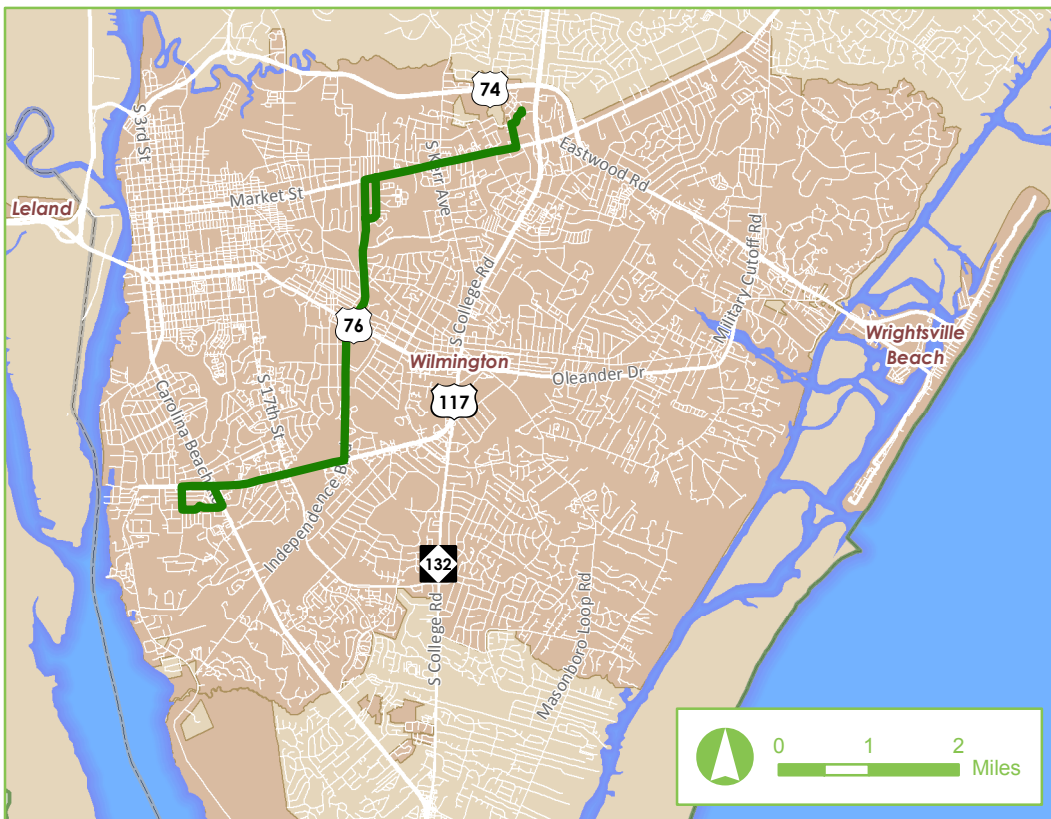


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 104 and 106 Amenity Upgrades



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



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

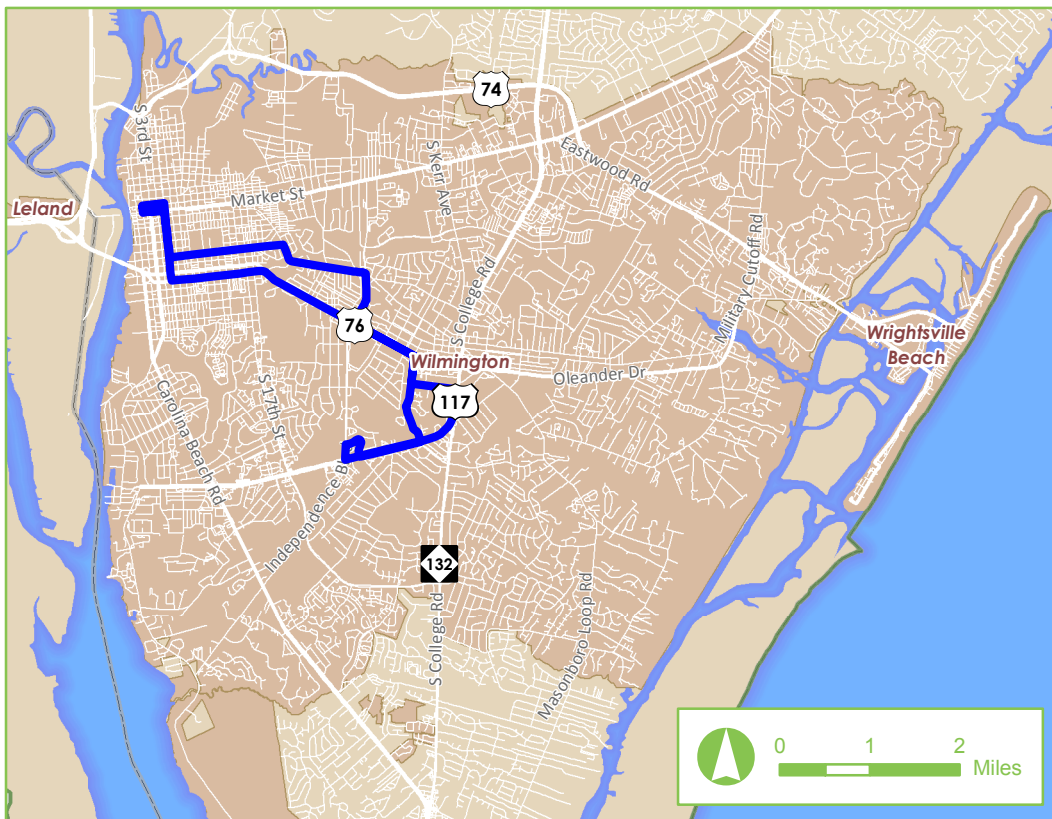


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 201 and 202 Amenity Upgrades



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

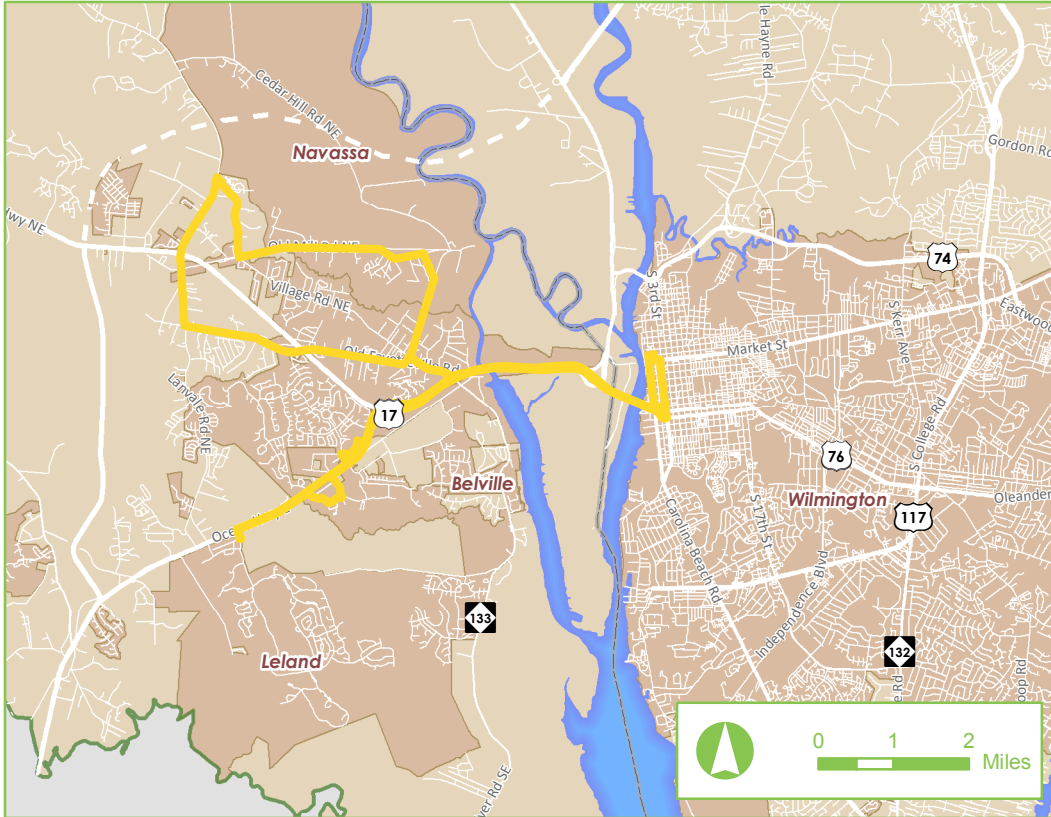


- Route 202
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary

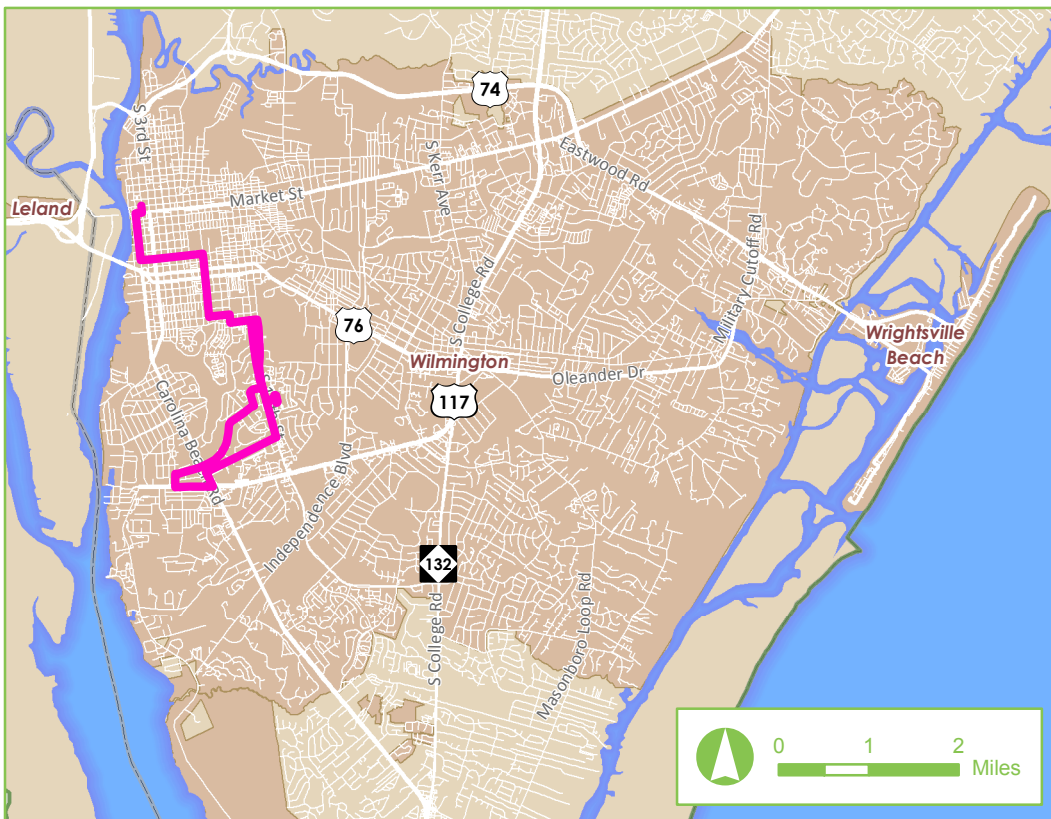


WMPO Potential Prioritization 5.0 Submittals: Public Transportation

Routes 204 and 205 Amenity Upgrades



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

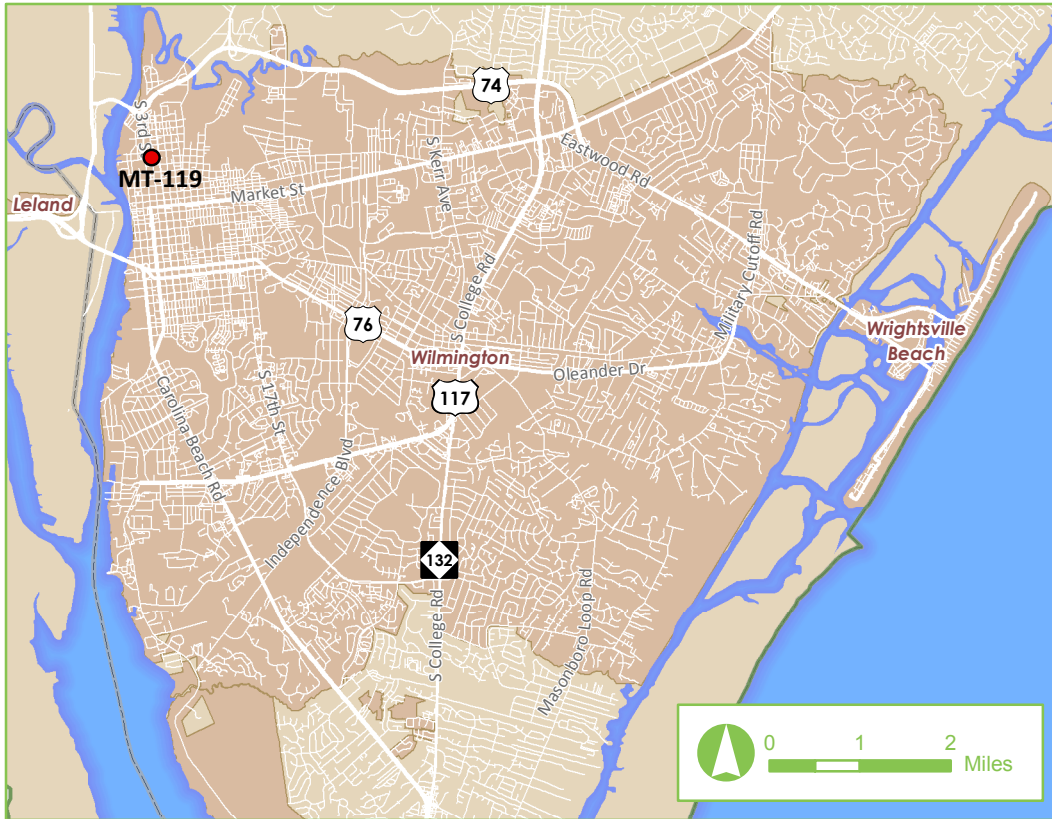


- Route 205
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary



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



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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 MALS Catwalk
19. Runway 17/35 Blast Pad

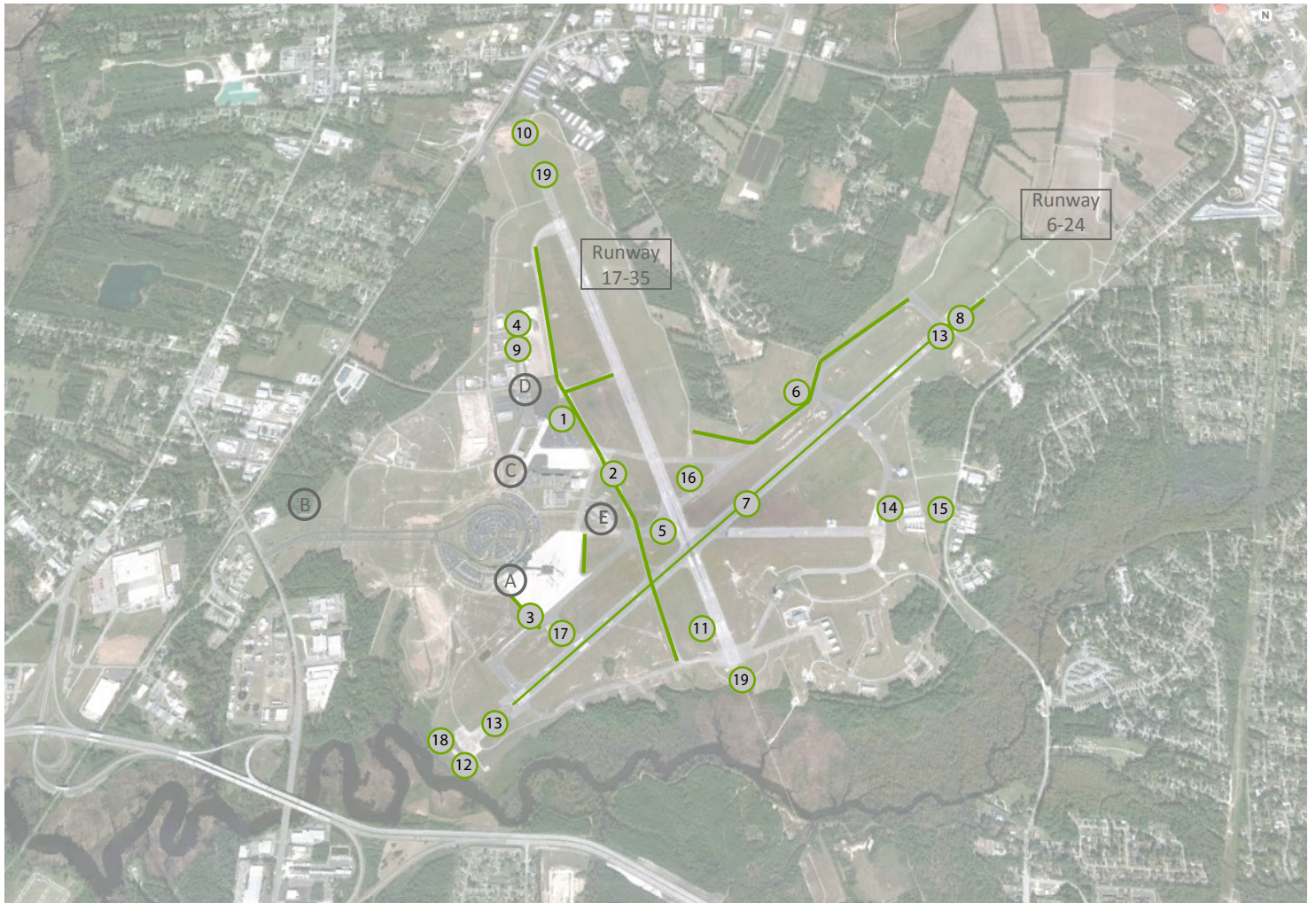
Wilmington Urban Area Metropolitan Planning Organization

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




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

-  Passenger Terminal
-  VA and Business Park Area
-  FBOs
-  Customs Facility
-  Rescue Base/ARFF HQ

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"/>

<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	<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"/>

	on a Federal-aid highway.										
<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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 nonmotorized 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Conversion and use of abandoned railroad corridors for trails for pedestrians, bicyclists, or other nonmotorized transportation users.	<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"/>	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 checked="" type="checkbox"/>	<input type="checkbox"/>

1. Project Preference Points: (19 point maximum)

a. Number of Years Project Application has been submitted and has not been awarded funds:

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

b. Local Match Percentage:

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

c. Mandatory Project Manager Training Attendance:

- Identified project manager attended (Requirement Met)
- Identified project manager did not attend (Disqualified)

d. 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)

e. 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)

f. Project Horizon Year on LRTP:

- Project not on LRTP (Disqualified)

<input type="checkbox"/> 2030-2040	(0 points)
<input type="checkbox"/> 2020-2030	(1 point)
<input type="checkbox"/> 2010-2020	(3 points)
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	(Disqualified)
<input type="checkbox"/> Completed Due Diligence Study	(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 (only for projects with Due Diligence Study)	
<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 (only for projects with Due Diligence Study)	
<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: (26 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. Estimated Volume to Capacity Ratio Reduction resulting from Project

- >10% (0 points)
- 10% (1 point)
- 20% (3 points)
- 30%+ (5 points)

d. 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, e tc.) (5 points)
- No – Does not have documented demand. (0 points)

e. 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)

f. 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
or (5 points)
- Provides proper connection across a multi-lane facility
or (5 points)
- Provides separation of transit from other traffic (i.e. bus pullouts, transit lanes, etc.) (5 points)
- None (0 points)

(WMPO INTERNAL USE ONLY) Total Congestion and Mobility Points: / 26

4. Accessibility: (17 point maximum)

a. ADA Compliance

- Project provides upgrades to existing facilities to be ADA compliant
or (3 points)
- Project provides ADA compliant connection to transit or pedestrian facility
or (3 points)
- No improvements to bring facility into ADA compliance (0 points)

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

- 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)

c. 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)

(WMPO INTERNAL USE ONLY) Total Accessibility Points: / 17

5. Safety: (11 point maximum)

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

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

6. Sustainability: (9 point maximum)

a. Maintenance Plan – Project has a documented maintenance plan

- Yes (3 points)
- No (0 points)

b. Life Cycle Cost Analysis Performed

- Yes (3 points)
- No (0 points)

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

- Yes (3 points)
- No (0 points)

(WMPO INTERNAL USE ONLY) Total Sustainability Points: / 9

(WMPO INTERNAL USE ONLY) Total Project Points: / 93

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

June 5, 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 May:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- An update to the Draft Natural Resources Technical Report is ongoing.
- The Draft Sea Level Rise Assessment is under review by NCDOT.
- Right-of-Way cost estimates and relocation reports have been initiated.
- Preparation of the Draft Environmental Impact Statement has been initiated.
- The NEPA/Section 404 Merger Team met on 5/30/17 in Wilmington, NC to review Concurrence Point 2A.

Upcoming Activities

- 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.

Past Activities

- 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
JUNE 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 ongoing and anticipated to be complete in July.

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:

- Launch the project and engage the public/stakeholders in the development of the plan
- Finalize existing conditions analysis work to inform the development of the trail’s conceptual design

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 a street design standards manual. This manual 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 Standards Manual will include the provision of conceptual tables/graphics which will more easily convey the impact of technical standards on the physical landscape to the public and elected officials.

Next Steps:

- Revise project timeline
- Complete a memorandum on existing conditions
- Prepare the draft Leland Street Design Standards Manual

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:

- Presentation to the Wilmington MPO on June 28th

Northeast New Hanover County Future Street Plan

Project Description/Scope: New Hanover County and the Wilmington Urban Area MPO are partnering to develop a Future Street Plan for Northeastern New Hanover County. This plan will serve as a framework for a future street system in the study area by examining how well the existing transportation system performs, developing multi-modal street design guidelines, and creating strategies for integrating land use and transportation development. The second public workshop and Technical Advisory Panel meeting were held on May 16th. Approximately 200 surveys were submitted by the public.

Next Steps:

- Develop 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: 5 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 2 reviews
- Town of Leland Formal Reviews: 1 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 4 and ongoing 16
- Pender County Development Plan Reviews: 4 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 30 (6 new, 24 on-going)
- City of Wilmington Informal Reviews: 19 (3 new, 16 on-going)
- City of Wilmington Concept Reviews: 16 (13 new concept reviews-3 on-going concept)
- COW Project Releases: 6 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 is approved. Waiting pricing for material change.
- Alpha Omega is reviewing the final material change submittal.
- Staff will prepare an updated change order.
- 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 complete and under final review
- 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.

Next Steps:

- Finalize contract documents and estimate.
- Town has signed and submitted a supplemental agreement to adjust funding amount
- Supplemental agreement is on the agenda for consideration 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, but has to compile them.
- 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 18/Aug 1 Council Mtg.
- 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
- Staff is currently reviewing the plans and NCDOT's comments to ensure concurrence.
- City following up on revised scope and amendment with McKim and 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
- Staff is currently reviewing the plans and NCDOT's comments to ensure concurrence.
- City following up on revised scope and amendment with McKim and 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:

- 65% design plans have been submitted and under review
- Design completion anticipated August 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
- 90% plans 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 anticipates to submit 25% plans on June 22nd
- 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:

- It is anticipated that the Town will be requesting to remove this project from the program
- Resolution authorizing Town Manager to cancel agreement and remove project will be presented to Council on June 16, 2017
- It is anticipated that the Town will be requesting to move money awarded to this project to cover the CEI costs associated with the I,J,K projects.

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.
- 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
- 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
- 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 for the TDM program.

Next Steps:

- Continue regularly scheduled TDM Committee meetings
- Finalize TDM program name and branding materials
- Release Bike to Work Week results and Bike to Work Week Employer Challenge results along with incentives for participating
- 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

June 2017

REGIONAL AUTHORITY PROJECTS

- 1. Bus fleet replacement** - (no significant change) identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. 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** - (no significant change) 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. Steering and stakeholder committee being finalized. On board surveys of fixed route and Seahawk Shuttle passengers have been completed and data is being analyzed. The project schedule completion is expected 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 is being prepared for letting on June 09, 2017. Stabilization is expected to take two to three months to complete. 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 April 2017 the Authority provided 1,670 ADA passenger trips. The period of performance for the project is 07/01/2016 through 06/30/2017.
- 4. Preventive Maintenance & ADA** - 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.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

June 8, 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: 34.2%

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

Estimated Contract Completion Date May, 2018

Open to traffic on November 2017

Contractor: Barnhill Contracting

Percent Complete: 73.6%

***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).

Estimated Contract Completion Date June, 2018

Open to traffic on November 2017

Contractor: Balfour Beatty Infrastructure

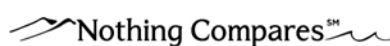
Percent Complete: 86.5%

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

Waiting on Final Estimate

Percent Complete: 100%



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

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 has been installed from the beginning of the project to Greenway Ave. (both sides of the road). Estimated Contract Completion Date September 2019 Contractor: Sealand Contractors Corp.

Percent Complete: 40.3%

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. Estimated Contract Completion Date September 2016. Pushed back Contractor: Highland Paving Company

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. Moratorium for driving piles is April 1, 2017. The area where they are working is considered a Primary Nursery Area. No bottom disturbing activities can be performed in a PNA during the April 1- September 30 time frame. Contractor is working 24hrs a day/6-days a week. Installation of permanent casings has begun. Building temporary access trestle from mainland and island side. Estimated Contract Completion Date November 2020 Contractor: Balfour Beatty Infrastructure

Percent Complete: 26.1%

R-3432: SR 1163 (Old Georgetown Road Ext. C203163): Add roadway extension from SR 1184 (Ocean Isle Beach Road), to NC 179.

Project is Complete. Waiting on final walk through.

US 421: Grading, drainage, paving and install signal and culvert at the intersection of SR 1436 / US 421 and SR 1140 South of Willard Street. Miles (0.170).

Anticipated Completion Date: October 2018

Future Projects

R-3300B: US 17 Hampstead Bypass: Add new divided highway from NC 210 north to Sloop Point Loop Road. (Currently funded)

Let Date: FY2021

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.

Construction will begin at Lendire Road, West of US 17 Business (Market Street) to US 17 Business (Market Street) SR 1403 (Middle Sound Loop Road). Realign roadway.

NCDOT currently providing inspector for relocating utilities.

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 "super-street" (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

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

Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road).

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. **No activity to report to date.**

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: 17.6%. Estimated Contract Completion Date: February 2018

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: 23.2%

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%**

- Changes to Project Update List made May 31, 2017

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