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

**Wilmington Urban Area Metropolitan Planning Organization
Board
Meeting Agenda**

TO: Wilmington Urban Area MPO Board Members
FROM: Mike Kozlosky, Executive Director
DATE: May 26, 2017
SUBJECT: May 31st meeting

A meeting of the Wilmington Urban Area MPO Board will be held on Wednesday, May 31st at 3 pm. The meeting will be held in the 6th Floor Conference Room at 320 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of Board Member Excused Absences
- 4) Approval of the Agenda
- 5) Public Comment Period
- 6) Presentation
 - a. Cape Fear Regional Bicycle Plan, Allen Serkin, Cape Fear RPO
- 7) Consent Agenda
 - a. Approval of TCC Meeting Minutes- April 26, 2017 Work Session (p. 3-7) and April 26, 2017 Regular Meeting (p. 8-11)
 - b. Opening of the 30-day public comment period for STIP/MTIP Amendment (May) (p. 12)
 - c. Resolution approving the STIP/MTIP Amendment (April) (p. 13-14)
 - d. Resolution approving the STIP/MTIP Modification (April) (p. 15-16)
 - e. Resolution adopting the Cape Fear Regional Bicycle Plan (p. 17-18)
 - f. Resolution authorizing the Executive Director to sign the letter of engagement with Smith Moore Leatherwood LLP for General Legal Representation (p. 19-24)
 - g. Resolution supporting Alternative MA and/or Alternative NA as the Wilmington Urban Area MPO's preferred alternatives for the Cape Fear Crossing project (p. 25-26)
- 8) Discussion
 - a. Prioritization 5.0 Bike/Pedestrian Projects (p. 27-28)
 - b. Prioritization 5.0 Highway Projects (p. 29-30)
 - c. Prioritization 5.0 Ferry and Waterway Projects (p. 31-32)
 - d. Wilmington Bike Share Program

Wilmington Urban Area Metropolitan Planning Organization

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- e. Citizen Advisory Committee Appointments
 - 9) Updates
 - a. Crossing over the Cape Fear River (p. 33)
 - b. Wilmington Urban Area MPO (p. 34-41)
 - c. Rail Re-alignment Task Force
 - d. Cape Fear Public Transportation Authority (p. 42-44)
 - e. NCDOT Division (p. 45-52)
 - f. NCDOT Transportation Planning Branch
 - 10) Announcements
 - a. May Bike Month Events
 - b. WMPO Bike/Ped Committee Meeting- June 13th
 - 11) Next meeting –June 28, 2017

Attachments

- Board Minutes 4/26/17 Work Session
- Board Minutes 4/26/17 Meeting
- Proposed STIP/MTIP Amendment (May)
- Proposed STIP/MTIP Amendment (April)
- Resolution approving the STIP/MTIP Amendment (April)
- Proposed STIP/MTIP Modification (April)
- Resolution approving the STIP/MTIP Modification (April)
- Cape Fear Regional Bicycle Plan can be found at <http://capefearbicycleplan.weebly.com/draft-plan.html>
- Resolution adopting the Cape Fear Regional Bicycle Plan
- Smith Moore Leatherwood LLP Standard Terms of Engagement for General Legal Representation
- Resolution authorizing the Executive Director to sign the letter of engagement with Smith Moore Leatherwood for General Legal Representation
- Cape Fear Crossing Detailed Study Alternatives
- Resolution supporting Alternative MA and/or Alternative NA as the Wilmington Urban Area MPO's preferred alternatives for the Cape Fear Crossing project
- Prioritization 5.0 Bike/Pedestrian Projects Memorandum
- Prioritization 5.0 Highway Projects Memorandum
- Prioritization 5.0 Ferry and Waterway Projects Memorandum
- Cape Fear River Crossing Update (May)
- Wilmington MPO Project Update (May)
- Cape Fear Public Transportation Authority Update (May)
- NCDOT Project Update (May)

**Wilmington Urban Area Metropolitan Planning Organization Board
Work Session Meeting Minutes
Wednesday, April 26, 2017**

Members Present:

Gary Doetsch, Town of Carolina Beach
David Piepmeyer, Pender County
Frank Williams, Brunswick County
Pat Batleman, Town of Leland
Charlie Rivenbark, City of Wilmington
Skip Watkins, New Hanover County
Emilie Swearingen, Town of Kure Beach
Hank Miller, Town of Wrightsville Beach
Jonathan Barfield, Cape Fear Public Transportation Authority

Others Present:

Mike Kozlosky, Executive Director, WMPO

1. Call to Order

Mr. Doetsch called the meeting to order at 1:40 p.m.

2. Review of the Merger Process

Mr. Kozlosky reminded the Board that this work session was scheduled following a presentation given at the WMPO Board's March 29, 2017 meeting. He acknowledged the presence of the project consultant, Ms. Joanna Rocco, AECOM, and gave a brief presentation beginning with an overview of the Merger Process.

Mr. Kozlosky reminded the Board that the process is currently in between Concurrence Points #2 and #2A. He noted that data has been collected; the study area, identified; the purpose and need, adopted by the merger team; and alternatives, narrowed to 12 detailed study alternatives. He pointed out that the objective of the next Concurrence Point is to evaluate the impacts of the detailed study alternatives and bridging decisions, in which bridge locations and lengths are identified and the preliminary alignments and alternatives are reviewed. He pointed out that alternatives may be removed at this point; although, not the purpose of this phase.

Mr. Kozlosky stated that once concurrence is reached on #2A, the signatory agencies will publish the environmental impact statement. Then, public hearings will be held. He noted that the agencies will select the Least Environmentally Damaging Practical Alternative (LEPDA) in Concurrence Point #3; followed by avoidance and minimization (Concurrence Point #4); publication of the Final Environmental Impact Statement (FEIS), which will be followed by the final Record of Decision. He added that the Department would begin to acquire right-of-way once funding is identified; funding is not currently in the STIP (Statewide Transportation Improvement Program). He gave an overview of the various resource (primary signatory and partnering) agencies constituting the merger team.

3. History of the Cape Fear River Crossing Project

Mr. Kozlosky gave a timeline of project planning from 1999 to date. He noted that the project was put on hold in 2011 after public workshops were held. He added that the Purpose and Need was established in 2013 when the project was reinitiated.

Mr. Kozlosky stated that a Draft Environmental Impact Statement is anticipated to be published this fall, followed by NCDOT public hearings in the winter (early 2018). He noted that a preferred alternative is expected to be selected in the summer of 2018, followed by the final environmental impact statement in the winter (late 2018/early 2019). He added that the Record of Decision is anticipated by the summer of 2019. He pointed out that the schedule is dependent upon availability of funding is subject to change.

4. Review of Cape Fear River Crossing 12 Detailed Study Areas

Mr. Kozlosky displayed maps of the feasibility study alignment and alternatives. He pointed out that the 12 alternatives are really eight (8) with some variations to those alignments. He noted that maps were also distributed to the Board, and that Ms. Batleman requested a version identifying Brunswick County subdivisions.

Mr. Kozlosky gave an overview of alternatives as follows:

Alternative B – Begins at I-140 in Brunswick County, skirting between Mallory Creek Plantation and Brunswick Forest, and ties in at Shipyard Boulevard (Port);

Alternative C – Begins at I-140, with an interchange at 17, skirts between Mallory Creek Plantation and Brunswick Forest, and ties in at Carolina Beach Road and Independence Boulevard;

Alternative F – Begins at Wilmington Bypass, upgrades 17 to a freeway, the Cape Fear Memorial Bridge and Carolina Beach Road until Shipyard Boulevard and the Port;

In response to an inquiry by Mr. Williams, Ms. Rocco agreed that many driveway connections would be impacted.

Alternative G – Begins at interchange of I-140, upgrades 17 to a freeway, builds on location to skirt between Brunswick Forest and Mallory Creek, and ties in at Carolina Beach Road and Independence Boulevard;

Alternative J – Upgrades 17 to a freeway, goes on new location, and ties in at Shipyard Boulevard;

Alternative MA – Begins at 17 at the interchange in front of Snead's Farm/Stoney Creek of I-140, goes on new location, and ties in at Carolina Beach Road and Independence Boulevard;

In response to an inquiry by Mr. Barfield, Mr. Kozlosky stated that based on the prepared table Alternate MA would impact both residential and businesses. He indicated to the Board that the table of impacts was distributed to them.

Alternative NA – Follows a similar alignment over by 17 until 133, and ties in at Shipyard Boulevard;

Alternative P – Upgrades the existing alignment of US 17, Cape Fear Memorial Bridge, and 421 (Carolina Beach Road) with arterial widening (not to construct a freeway);

Alternative Q – Upgrades the existing alignment of US 17, the Cape Fear Memorial Bridge, and 421 (Carolina Beach Road) with arterial widening (not freeway);

Mr. Kozlosky pointed out that Alternatives Q and G have similar alignments except for one upgrading with arterial widening and the other with freeway.

Mr. Williams expressed concern regarding the impact to Magnolia Greens and Waterford versus south of Brunswick Forest.

Mr. Barfield requested to see the alignments with Brunswick County subdivisions.

Mr. Kozlosky indicated these would be provided momentarily, and requested to continue listing the remaining alternatives as follows:

Alternative T – Starts at and upgrades 17 to a freeway, goes on new location, and ties in at Shipyard Boulevard;

Alternative VA – Upgrades (arterial widening) 17 until the interchange at US 421, where it goes on new location and ties in at Burnett Boulevard or the vicinity, upgrading Carolina Beach Road;

Alternative VF – Follows the same alignment as Alternative VA; however, upgrades 17 on its existing location to a freeway.

Mr. Kozlosky pointed out that agencies will consider upgrading existing facilities as well during the merger process.

5. Review of Detailed Study Alternatives Impacts Table

Mr. Kozlosky reminded the Board that the table of impacts was provided at its last Board meeting on March 31, 2017. He gave an overview of resources such as the length of the corridor and the cost (only construction, not right-of-way acquisition). Other considerations include residential and commercial relocations, road crossings, low-income and/or minority populations, archaeological sites/historic properties, wetlands, surface waters, floodplains, streams, federally-protected species, potential noise receptors, conservation easements or land management areas, community facilities such as cemeteries, churches and fire stations, etc. He pointed out that the agencies will have different areas of concern. He commented that the merger process for the Least Environmental Damaging Practicable Alternative (LEDPA) is a balancing act.

6. Discussion of Alternatives the Board Could Support for Removal

Mr. Kozlosky opened the floor for discussion and displayed maps labeled with Brunswick County subdivisions.

Ms. Swearingen expressed concern regarding the influx of traffic to Shipyard and Independence Boulevards, and Carolina Beach and College Roads.

Ms. Rocco responded that alternatives tying into Independence Boulevard would include an upgrade of Independence Boulevard, which would be considered in the same design year.

In response to an inquiry by Ms. Swearingen, Ms. Rocco stated that a traffic forecast and impacts for the LOS (Location of Study) were evaluated for all alternatives, and used to refine the designs. She noted that once a LEDPA exists, the forecast will be redone.

In response to an inquiry by Mr. Barfield, Mr. Kozlosky stated that the table shows the impact to New Hanover County as well.

A question/answer and discussion period was held. The Board expressed concerns regarding upgrading existing infrastructure, and expressed a preference for alternatives south of the Cape Fear Memorial Bridge.

Mr. Williams expressed concern regarding the noise impact of Alternative G.

Mr. Doetsch commented that his least favorite is Alternative F. He estimated an additional 2½ to three (3) years of impact to the causeway into Wilmington.

Mr. Barfield suggested eliminating Alternatives VF, VAW, P, and F, which would impact the causeway, creating greater traffic and burden on the Cape Fear Memorial Bridge. A question/answer and discussion period was held.

Mr. Doetsch suggested removing C and J as well.

Ms. Batleman expressed concern regarding the impact to Mallory Creek Plantation and Brunswick Forest.

Mr. Williams suggested that Alternative T be removed as well.

In response to an inquiry by Ms. Batleman, Ms. Rocco stated that F and P would impact Historic Districts in Wilmington. She noted that details could be found under the project documents' link online at <https://www.ncdot.gov/projects/capefear/>.

A question/answer and discussion period was held.

Mr. Watkins arrived at 2:25 p.m. He expressed support for alternatives that tie into Shipyard Boulevard and the Port; not Independence Boulevard.

Ms. Batleman pointed out that Alternatives MA or NA might solve everyone's dilemma; although a concession.

A question/answer and discussion period was held.

Mr. Williams concurred with Mr. Barfield regarding alternatives recommended for removal, and added C, J, and T for removal as well. He noted that B, G, MA, NA and Q remain.

Mr. Kozlosky pointed out that that the agencies might not elect to remove any.

Ms. Batleman expressed concern with the distance of MA and NA from Snead's Farm and Stoney Creek. Ms. Rocco responded that she would obtain that information.

Mr. Kozlosky reminded the Board that it adopted a Resolution to minimize impact to Snead's Farm and Stoney Creek.

A question/answer and discussion period was held.

Mr. Williams reiterated his preference for Alternative MA.

Mr. Barfield made a motion to endorse Plan Alternatives MA, NA, B, G, and Q; and to support the removal of all others (C, F/P, J/T, and V) if the opportunity arises.

Mr. Kozlosky advised the Board that it could bring forward a Resolution of support for a preferred route at a later date.

Mr. Rivenbark seconded the motion on the floor and it carried 7-2. (Mr. Watkins and Ms. Batleman voted in opposition.)

Mr. Williams requested a Resolution of support for Alternatives MA and NA.

Ms. Batleman expressed concern regarding Alternatives B, G and Q, which would impact residents of adjacent areas.

A question/answer and discussion period was held.

7. Adjournment

With no further business, the meeting was adjourned at 2:41 p.m.

Respectfully submitted,

Mike Kozlosky

Executive Director

Wilmington Urban Area Metropolitan Planning Organization

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

Wilmington Urban Area Metropolitan Planning Organization Board
Meeting Minutes
Wednesday, April 26, 2017

Members Present:

Gary Doetsch, Town of Carolina Beach
David Piepmeyer, Pender County
Frank Williams, Brunswick County
Pat Batleman, Town of Leland
Hank Miller, Town of Wrightsville Beach
Emilie Swearingen, Town of Kure Beach
Eulis Willis, Town of Navassa
Neil Anderson, City of Wilmington
Charlie Rivenbark, City of Wilmington
Skip Watkins, New Hanover County
Jonathan Barfield, Cape Fear Public Transportation Authority

Others Present:

Mike Kozlosky, Executive Director, WMPO
Karen Collette, Division Engineer, NCDOT

1. Call to Order

Mr. Doetsch called the meeting to order at 3:00 p.m.

2. Conflict of Interest Reminder

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

3. Approval of Board Members' Excused Absence

Mr. Doetsch stated that Mr. Joe Breault has requested to be excused from today's meeting.

Mr. Kozlosky advised that Mr. Anderson has been delayed.

Mr. Rivenbark made a motion to excuse the absence of Mr. Breault. Mr. Watkins seconded the motion, and it carried unanimously.

4. Approval of Agenda

Ms. Swearingen made a motion to approve the agenda, seconded by Mr. Williams, and the motion carried unanimously.

5. Public Comment Period

Mr. Bob White spoke to the Board and requested to remove the Cape Fear River Crossing Alternative F/P due to the concentration of residents and distance from the Port. He expressed concerns regarding a potential bottleneck and noise.

In response to an inquiry by Mr. Watkins, Mr. Doetsch confirmed that Mr. Barfield made a motion earlier to omit all crossings related to the existing Cape Fear Memorial Bridge.

Mr. Rivenbark pointed out that other agencies may disagree with the Board's recommendation, which would make this input valuable.

Mr. Doetsch commented that NCDOT will hold public hearings and meetings for the public to voice those opinions.

Mr. Kozlosky stated that the merger team would meet to determine the Least Environmentally Damaging Practical Alternative (LEDPA). He noted that during the meeting if an agency were to request one of the routes be removed, the MPO Board voted to support removal of the routes with the exception of B, G, MA, NA, and Q.

Mr. Doetsch pointed out that most of today's topics include routes that the Board would recommend for removal.

Mr. Larry Cagle spoke to the Board and expressed concerns regarding Cape Fear River Crossing Alternative F/P and its impact to the Historic District of Wilmington.

Mr. George Edwards, Executive Director, Historic Wilmington Foundation, spoke to the Board regarding the Cape Fear River Crossing and expressed concerns regarding placing it adjacent to the existing Cape Fear Memorial Bridge. He requested removal of Alternatives F/P and V, which would have a negative impact on the region's historic resources.

Mr. Denis McGary, Residents of Old Wilmington (ROW), withdrew his request to speak to the Board regarding the removal of Cape Fear River Crossing Alternative F/P/V.

Mr. Bill Pegg distributed copies and read to the Board his request to remove Cape Fear River Crossing Alternative F/P.

Ms. Caren Gordon withdrew her request to speak to the Board regarding the Cape Fear River Crossing.

Mr. Javoke S. Terrell, Owner, Davis Funeral Home, spoke to the Board and expressed concerns regarding the impact of the Cape Fear River Crossing to his business.

Mr. Piepmeyer made a motion to extend the public comment period to accommodate the two remaining speakers. Mr. Barfield seconded the motion, and it carried unanimously.

Mr. James Wright spoke to the Board and requested that any new bridge be removed from consideration until the completion of the I-140 beltway/outward loop.

Ms. Denise Chadurjian expressed appreciation to the Board for their efforts to protect the interests of the citizens of Brunswick County and New Hanover County. She expressed concerns regarding the impact of Alternative F/P to seniors and citizens who have nowhere else to go. She commented that an additional bridge would be needed in the area of the Port in the future.

6. Presentations

a. MPO Travel Demand Model, Suraiya Motsinger, WMPO

Ms. Motsinger gave an overview of the MPO Travel Demand Model. She noted that data is collected from land use planners, utility professionals, and school districts in member jurisdictions. She added that the model gives a high level view of the region, and is best for locating and predicting areas of traffic congestion, identifying future projects and projecting their impact on the overall network. She noted that this model update will correlate to an update to the MTP (Metropolitan Transportation Plan) and will project to 2045. She added that socioeconomic data sets would be collected this fall.

A brief question and answer period followed.

7. Consent Agenda

a. Approval of Board Meeting Minutes

The minutes for the March 29, 2017 meeting were approved unanimously.

- b. Opening of the 30-day public comment period for STIP/MTIP Amendments (April)**
- c. Resolution approving the STIP/MTIP Modifications (March)**

Ms. Batleman made the motion to approve the consent agenda. Mr. Williams seconded the motion and it carried unanimously.

8. Regular Agenda

- a. Resolution adopting the CFPTA's Transit Asset Management Plan and NCDOT's Transit Asset Management Plan Performance Targets and Measures**

Mr. Kozlosky stated that Map-21 and the FAST Act require performance measures for accountability and transparency. He added that MPOs are required to adopt performance measures for the state of good repair by June 30, 2017. He noted that in order to meet federal requirements, adoption of the Cape Fear Public Transportation Authority's Transit Asset Management Plan and NCDOT's Performance Targets and Measures is recommended.

Mr. Barfield made the motion to support the resolution adopting the CFPTA's Transit Asset Management Plan and NCDOT's Transit Asset Management Plan Performance Targets and Measures. Mr. Rivenbark seconded the motion and it carried unanimously.

Mr. Anderson arrived at 3:35 p.m.

- b. Resolution supporting a modification in the scope for the Middle Sound Greenway**

Mr. Kozlosky told members that New Hanover County was awarded Transportation Alternative Program Funds for Middle Sound Greenway from Oyster Lane to Middle Sound Village. The original proposal only extended to the driveway at Middle Sound Village, and the County has requested to change the scope to include an additional 300 feet extending it to the property line. He added that the impact of this change will be addressed in the following Item (8C), a resolution requesting an additional \$50,000 from the Direct Attributable reserve funds due to unanticipated charges by NCDOT and the change in scope. He noted that the project was awarded in 2014, and the WMPO continues to work on improving its process for Direct Attributable funds.

Mr. Williams made the motion to approve the resolution supporting a modification in the scope for the Middle Sound Greenway. Mr. Rivenbark seconded the motion and it carried unanimously.

- c. Resolution supporting the allocation of additional Direct Attributable funds to New Hanover County for the Middle Sound Greenway**

Mr. Williams made the motion to approve the resolution supporting the allocation of additional Direct Attributable funds to New Hanover County for the Middle Sound Greenway. Mr. Barfield seconded the motion and it carried unanimously.

- d. Resolution supporting the allocation of additional Direct Attributable funds to the City of Wilmington for the 5th Avenue/Dawson Street and 5th Avenue/Wooster Street Intersection Improvements**

Mr. Kozlosky told members that this is a request for additional funds from the Direct Attributable program for the City of Wilmington in the amount of \$113,600. He noted that this request is also for unanticipated cost overruns. He added that it was included in the table presented to the Board.

Mr. Watkins made the motion to approve the resolution supporting the allocation of additional Direct Attributable funds to the City of Wilmington for the 5th Avenue/Dawson Street and 5th

Avenue/Wooster Street Intersection Improvements. Mr. Williams seconded the motion and it carried unanimously.

9. Discussion

a. STIP/MTIP Modifications (April)

Mr. Kozlosky told members that the STIP/MTIP Modification for April is for information purposes only. He explained that it would accelerate right-of-way from fiscal year 2018 to fiscal year 2017, and construction from fiscal year 2021 to fiscal year 2018 for the Dan Owen Drive Extension, which is part of the median project through Hampstead on US-17. Staff will bring the modification to the Board for consideration at their May meeting.

10. Updates

Updates are included in the agenda packet.

In response to an inquiry by Ms. Batleman, Mr. Kozlosky stated he would notify the Board once he is informed regarding the Concurrence Point meeting anticipated for May 30-31, 2017. Ms. Rocco noted that NCDOT is coordinating it with the Corps of Engineers.

Mr. Kozlosky stated that 360 bicyclists participated in the 28th Annual River-to-Sea bike ride.

Mr. Kozlosky requested that appointments to the Citizen Advisory Committee be submitted by June 1, 2017.

Mr. Williams expressed appreciation to Mr. Kozlosky for navigating the Cape Fear River Crossing work session.

Ms. Harrington stated that Bike to Work Week is May 15-22, 2017, which includes an employer challenge component with regional employers.

Ms. Swearingen encouraged members to attend NCDOT's transit meetings.

Mr. Kozlosky stated that he will forward any interest from members to Mr. Eby who is coordinating transportation.

In response to an inquiry by Mr. Piepmeyer, Mr. Kozlosky reminded the Board that it adopted a resolution supporting designating US 17 and continuing to designate it so, and the US 17 Bypass as the US 17 Bypass. He noted that the truck designation is separate from the STAA designation, and trucks can deviate from the corridor up to a certain distance. The resolution was adopted several years ago, which he would forward to the group. A question/answer and discussion period was held.

11. Adjournment

With no further business, the meeting was adjourned at 3:51 p.m.

Respectfully submitted,

Mike Kozlosky
Executive Director
Wilmington Urban Area Metropolitan Planning Organization

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ADDITIONS to the Transit 2016-2025 STIP (May)

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

Proposed Revisions to 2016-2025 STIP/MTIP Program

STIP/MTIP Amendment (April 2017)			
STATEWIDE	TRANSPORTATION PLANNING BRANCH, TRAFFIC	ENGINEERING	FY 2017 - \$300,000 (T)
* M-0521	FORECASTING FOR MISCELLANEOUS PROJECTS.		FY 2018 - <u>\$300,000</u> (T)
PROJ.CATEGORY	<u>PROJECT ADDED TO EXPEDITE DELIVERY OF STIP</u>		\$600,000
STATEWIDE	<u>PROJECTS.</u>		
REGIONAL			
DIVISION			

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING AN AMENDMENT TO THE
2016-2025 STATE /METROPOLITAN TRANSPORTATION IMPROVEMENT
PROGRAMS**

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

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

WHEREAS, the North Carolina Board of Transportation adopted the 2016-2025 State Transportation Improvement Program on June 4, 2015 and the Wilmington Urban Area Metropolitan Planning Organization adopted the Statewide/Metropolitan Transportation Improvement Program on June 24, 2015; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the State/Metropolitan Transportation Improvement Programs for project M-0521; and

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

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending the 2016-2025 State/Metropolitan Transportation Improvement Programs for project M-0521.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 31, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

Proposed Revisions to 2016-2025 STIP/MTIP Program

STIP/MTIP Modification (April 2017)			
U-5732A	DAN OWEN DRIVE EXTENSION, SR 1570	RIGHT OF WAY	FY 2017 - \$755,000 (T)
PENDER	(FACTORY ROAD) TO DAN OWEN DRIVE.	CONSTRUCTION	FY 2018 - <u>\$750,000</u> (T)
PROJ.CATEGORY	<u>SEGMENT INTO 2 SECTIONS AND ACCELERATE</u>		\$1,505,000
REGIONAL	<u>RIGHT OF WAY FROM FY 18 TO FY 17 AND</u>		
	<u>CONSTRUCTION FROM FY 21 TO FY 18 FOR</u>		
	<u>SEGMENT "A" .</u>		

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION APPROVING A MODIFICATION TO THE
2016-2025 STATE /METROPOLITAN TRANSPORTATION IMPROVEMENT
PROGRAMS**

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

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

WHEREAS, the North Carolina Board of Transportation adopted the 2016-2025 State Transportation Improvement Program on June 4, 2015 and the Wilmington Urban Area Metropolitan Planning Organization adopted the Statewide/Metropolitan Transportation Improvement Program on June 24, 2015; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the State/Metropolitan Transportation Improvement Programs for project U-5732A.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves modifying the 2016-2025 State/Metropolitan Transportation Improvement Programs for project U-5732A.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 31, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

RESOLUTION ADOPTING THE CAPE FEAR REGIONAL BICYCLE PLAN

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

WHEREAS, cities, towns, and regions around the country are increasingly recognizing the benefits that bicycle-friendly communities offer in terms of quality of life to residents and visitors; and

WHEREAS, representatives from counties, municipalities, transportation agencies, planning agencies, bicycling clubs, trail organizations, and multiple NCDOT divisions in southeastern North Carolina have worked cooperatively for over a year on the Cape Fear Regional Bicycle Plan (the Plan) in order to make bicycling a safe and accessible form of transportation and recreation; and

WHEREAS, there were 487 reported bicycle crashes from 2007-2012 that have resulted in 254 or more injuries and eight fatalities in the region; and

WHEREAS, the Plan will improve the quality and safety of bicycling through new and improved infrastructure, policies and programs, for all types of bicyclists; and

WHEREAS, the Plan will increase transportation choices by improving connectivity of the bicycle network while increasing accessibility to transit and key destinations throughout the region; and

WHEREAS, BlueCross BlueShield North Carolina has stated that every \$1 investment in trails for physical activity can save about \$3 in medical expenses; and

WHEREAS, the Plan will improve health and wellness by increasing access to bikeways, thereby offering more opportunities for recreation, active transportation, and physical activity; and

WHEREAS, an NCDOT study in the neighboring coastal region of the Outer Banks has demonstrated the annual return on bicycle facility development is approximately nine times higher than the initial investment; and

WHEREAS, the Plan promotes bicycle-related tourism and economic development for communities in Brunswick, Columbus, New Hanover, and Pender Counties as well as southern Bladen, western Onslow, and southern Sampson Counties; and

WHEREAS, this Plan included an open and participatory process, with over 500 online mapping and public survey comments, with outreach at dozens of public events; and

WHEREAS, 97% of survey respondents said they would bike more often if more bicycle lanes, trails, and safe roadway crossings were provided for bicyclists; and

WHEREAS, it is envisioned that a more bicycle-friendly Cape Fear region would offer multiple quality of life benefits to residents and visitors by increasing public safety, supporting health and the environment, expanding choices for mobility, and diversifying the strength of tourism in local communities throughout the region, and

WHEREAS, supporting this resolution does not replace any local plans nor dedicate any funding, but rather indicates a willingness to support the Plan's recommended bicycle projects and programs.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the Cape Fear Regional Bicycle Plan.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 31, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**ATTORNEY-CLIENT COMMUNICATION
PRIVILEGED AND CONFIDENTIAL**

VIA E-MAIL: Mike.Kozlosky@wilmingtonnc.gov

April 25, 2017

Wilmington Urban Area Metropolitan Planning Organization
Attn: Mike Kozlosky, Executive Director
305 Chestnut Street, 4th Floor
Wilmington, NC 28401

Re: WMPO General Legal Representation

Dear Mike:

Thank you for considering me and my law firm for legal representation of the Wilmington Urban Area Metropolitan Planning Organization ("WMPO"). I am writing to outline the terms of our engagement, and I also enclose a copy of my firm's *Standard Terms of Engagement for Legal Services* for your review.

You have requested our engagement to represent the WMPO regarding general legal matters affecting the WMPO as they may arise from time to time, and as indicated to us by you. Based upon our previous discussions, we understand that you will contact us when assistance with any particular matter or issue arises, describing the nature of the matter or issue and the specific legal assistance sought.

For legal services which do not involve our representation of the WMPO in litigation, we will charge at the following hourly rates, which are reduced from our standard hourly rates:

- \$225 per hour for attorneys
- \$120 per hour for paralegals

For representation of the WMPO in any litigation, we will charge at the following hourly rates, which are reduced from our standard hourly rates:

- \$275 per hour for partners and of counsel attorneys
- \$210 per hour for associates
- \$120 per hour for paralegals

No retainer deposit is needed from the WMPO; however, we reserve the right to request a reasonable retainer from the WMPO in the future if warranted by the circumstances or the nature of the legal services requested.

I will have primary responsibility for our firm's involvement in this representation. We may also utilize other attorneys and paralegals in our firm to ensure that you receive the best services at the most reasonable cost.

We will provide monthly invoices for legal services rendered and out-of-pocket disbursements made and reasonable charges for ancillary services provided during the immediately preceding month. Our monthly statement for services rendered will contain a concise summary of the activities performed and the fees charged. I have enclosed a copy of my firm's *Standard Terms of Engagement for Legal Services* for your review.

WMPO will at all times have the right to terminate our services and representation upon written notice to the firm. Such termination shall not, however, relieve WMPO of the obligation to pay for all services rendered and costs or expenses incurred prior to the date of such termination.

We reserve the right to withdraw from our representation if WMPO fails to honor the terms of this letter, fails to cooperate with us, or any other event or circumstance occurs which would, in our view, render our continuing representation unlawful or unethical. If we elect to withdraw from the representation, WMPO would be expected to take any steps necessary to free us from any obligation to perform further, including the execution of any documents necessary to complete our withdrawal.

We request that you please return one executed copy of this letter by e-mail attachment or facsimile to me, with a hard copy to follow in the mail.

We appreciate the opportunity to represent the WMPO, and I look forward to a mutually satisfactory relationship. Please contact me if you have any questions or concerns.

Best regards,

SMITH MOORE LEATHERWOOD LLP



Matthew A. Nichols

Acknowledged and Accepted By:

Mike Kozlosky, WMPO Executive Director

Date: _____

SMITH MOORE LEATHERWOOD LLP

STANDARD TERMS OF ENGAGEMENT FOR LEGAL SERVICES

This statement sets forth the standard terms of our engagement as your lawyers. Unless modified in writing by mutual agreement, these terms will be an integral part of our agreement with you. Therefore, we ask that you review this statement carefully and contact us promptly if you have any questions. We suggest that you retain this statement in your file.

The Scope of Our Work

You should have a clear understanding of the legal services we will provide. Any questions that you have about the scope of our services on your behalf should be brought to our attention promptly.

We will at all times act on your behalf to the best of our ability. Any expressions on our part concerning the outcome of your legal matters are expressions of our best professional judgment, but are not guarantees. Our opinions are necessarily limited by our knowledge of the facts and are based on the state of the law at the time they are expressed. Except in those instances in which we enter into a specific contingent fee arrangement, the payment of our fee is not dependent upon the successful outcome of a matter.

It is our policy that the person or entity that we represent is the person or entity that is identified in our engagement letter and does not include any affiliates of such person or entity (i.e., if you are a corporation or partnership, any parents, subsidiaries, employees, officers, directors, shareholders or partners of the corporation or partnership, or commonly owned corporations or partnerships; or, if you are a

trade association, any members of the trade association).

It is our policy that the attorney-client relationship will be considered terminated upon our completion of any services that you have retained us to perform. If you later retain us to perform further or additional services, our attorney-client relationship will be revived subject to these terms of engagement, as they may be supplemented at that time.

Relationship With Other Clients

Our Firm consists of over 170 attorneys located in offices in Charlotte, Greensboro, Raleigh, and Wilmington, North Carolina, Charleston and Greenville, South Carolina, and Atlanta, Georgia. We represent a large number of clients, many of whom have been clients of the Firm for many years. We owe a continuing duty to all of our clients and must maintain, to the maximum extent possible, our ability to represent them on future matters.

While we are unaware of any present conflicts in undertaking this engagement, it is always possible that while you are a client, an unforeseen conflict could arise between you and another present or former client of the Firm. If this happens, consistent with our ethical duties, we will alert you to the potential conflict and attempt to resolve the matter in a manner satisfactory to all involved. It is possible, however, that our ethical duties might require us to withdraw from further representing you in this matter.

It is also possible that we may be asked to represent another client with interests adverse to you on a matter wholly unrelated to the work we are, or have been, performing for you. If we wish to do so, and if we conclude that the representation would not adversely affect our ability to represent you effectively in your matter, we may request your consent to undertake the new representation. By engaging us in this matter, you agree to consent to allow us to accept the new representation.

Who Will Provide the Legal Services

Customarily, each client of the Firm is serviced by a principal attorney contact. The principal attorney should be someone in whom you have confidence and with whom you enjoy working. Subject to the supervisory role of the principal attorney, your work or parts of it may be performed by other lawyers and legal assistants in the Firm. Such delegation may be for the purpose of involving lawyers or legal assistants with special expertise in a given area or for the purpose of providing services on the most efficient and timely basis. Whenever practicable, we will advise you of the names of those attorneys and legal assistants who work on your matters.

How Fees Will Be Set

In determining the amount to be charged for the legal services we provide to you we will consider:

- The time and effort required, the novelty and complexity of the issues presented, and the skill required to perform the legal services promptly;

- The fees customarily charged in the community for similar services and the value of the services to you;
- The significance of the money or the value of property involved and the results obtained;
- The time constraints imposed by you as our client and other circumstances, such as an emergency closing, the need for injunctive relief from court, or substantial disruption of other office business;
- The nature and longevity of our professional relationship with you;
- The experience, reputation and expertise of the lawyers performing the services; and
- The extent to which office procedures and systems have produced a high quality product efficiently.

Among these factors, the time and effort required are typically weighted most heavily. We will keep accurate records of the time we devote to your work, including conferences (both in person and over the telephone), negotiations, factual and legal research and analysis, document preparation and revision, court appearances, travel on your behalf, and other related matters. We record time in units of tenths of an hour.

The hourly rates of our lawyers and legal assistants have an important bearing on the fees we charge. These rates are adjusted periodically to reflect current levels of legal experience, changes in overhead costs and other factors.

Expenses

We typically incur on behalf of our clients a variety of out-of-pocket costs arising in connection with legal services. These advanced disbursements generally include the following: travel expenses, including hotel, transportation, and meal expenses; deposition costs; filing, recording, and certification of pertinent materials. Additionally, we will itemize charges for ancillary services we provide including the following: photocopying; long distance telephone charges; facsimile transmittals; terminal time for computer research; data base creation and retrieval, if applicable; computer document preparation; postage; secretarial overtime; courier services, etc. It is our policy to request clients to pay directly any expenses which exceed \$500.00. Typical of such costs are extensive expenses for travel and depositions and charges made by outside experts and consultants, including accountants, appraisers, and other legal.

Termination

You may terminate our representation at any time by notifying us in writing. If such termination occurs, your papers and property will be returned to you promptly upon receipt of payment for outstanding fees and costs. Our own files pertaining to the case will be retained. Your termination of our services will not affect your responsibility for payment of legal services rendered and out-of-pocket costs incurred before termination and in connection with an orderly transition of the matter.

We reserve the right to terminate our representation of you at any time and to

withdraw from representation in any manner. You should be aware that several types of conduct or circumstances may require us to withdraw from representing a client and other circumstances or conduct will clearly be a basis for our withdrawal, including for example: nonpayment of fees or costs, misrepresentation or failure to disclose material facts, action contrary to our advice, and conflicts of interest with another client. We try to identify in advance and discuss with our client any situation which may lead to your withdrawal, and if withdrawal ever becomes necessary we will immediately give you written notice of our withdrawal.

Billing Arrangements and Terms of Payment

We will bill you on a regular basis, normally each month, for legal services rendered, out-of-pocket disbursements made and reasonable charges for ancillary services provided on your behalf during the immediately preceding month. Our statements are due upon receipt. However, if you have not remitted payment to us within forty-five (45) days from the date of the invoice, we will bill you for an interest charge at the rate of one percent (1%) per month from the forty-fifth (45th) day after the date of the invoice until paid. Additionally, you will be obligated to pay attorneys' fees and costs if collection activities are necessary.

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO AN
AGREEMENT SMITH MOORE LEATHERWOOD LLP FOR GENERAL LEGAL
REPRESENTATION**

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 Wilmington Urban Area Metropolitan Planning Organization may require legal counsel for general legal matters that arise that affect the MPO; and

WHEREAS, on November 16, 2016 the Wilmington Urban Area Metropolitan Planning Organization Board approved using Attorney Matthew Nichols with Smith Moore Leatherwood LLP for any general legal matters separate from the Map Act matters; and

WHEREAS, the *Standard Terms of Engagement for Legal Services* has been prepared by Smith Moore Leatherwood LLP and outlines the terms and fees for their legal services.

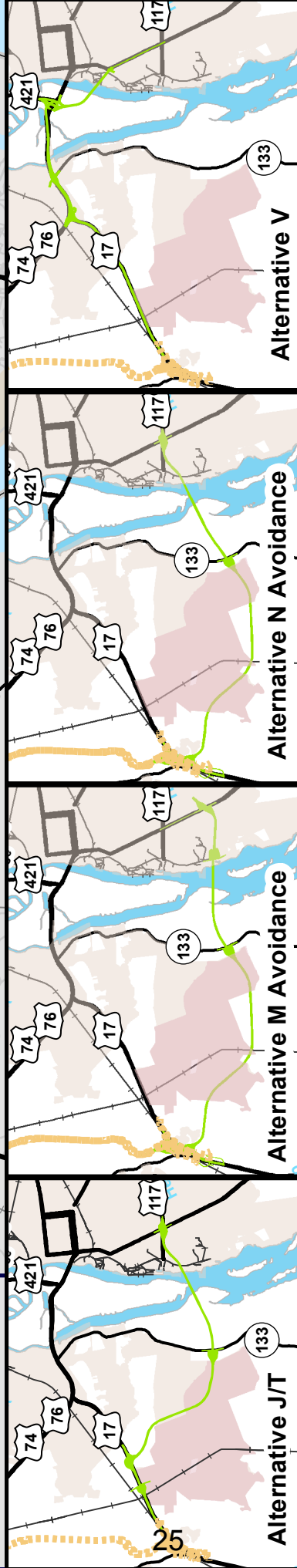
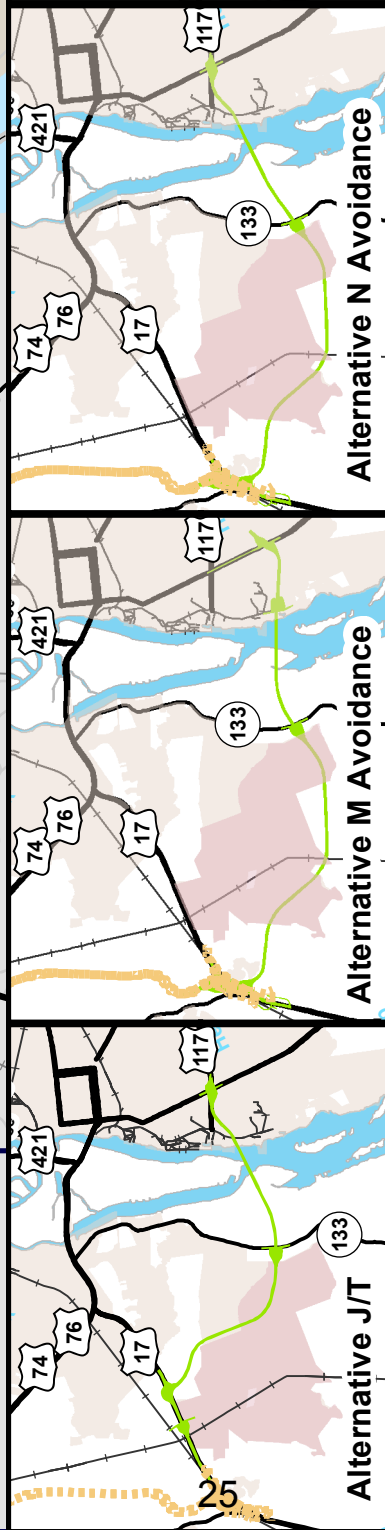
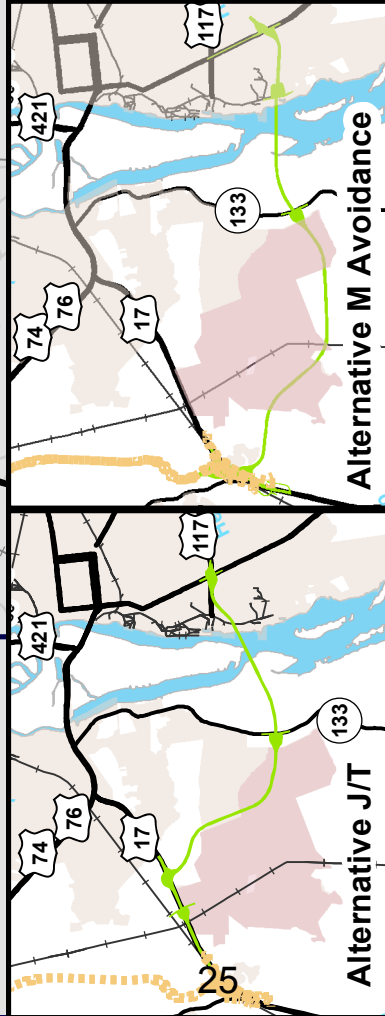
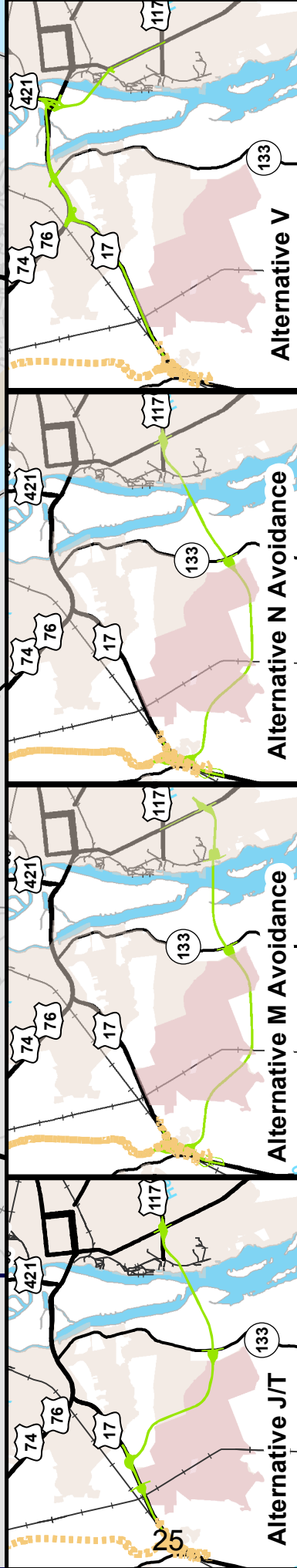
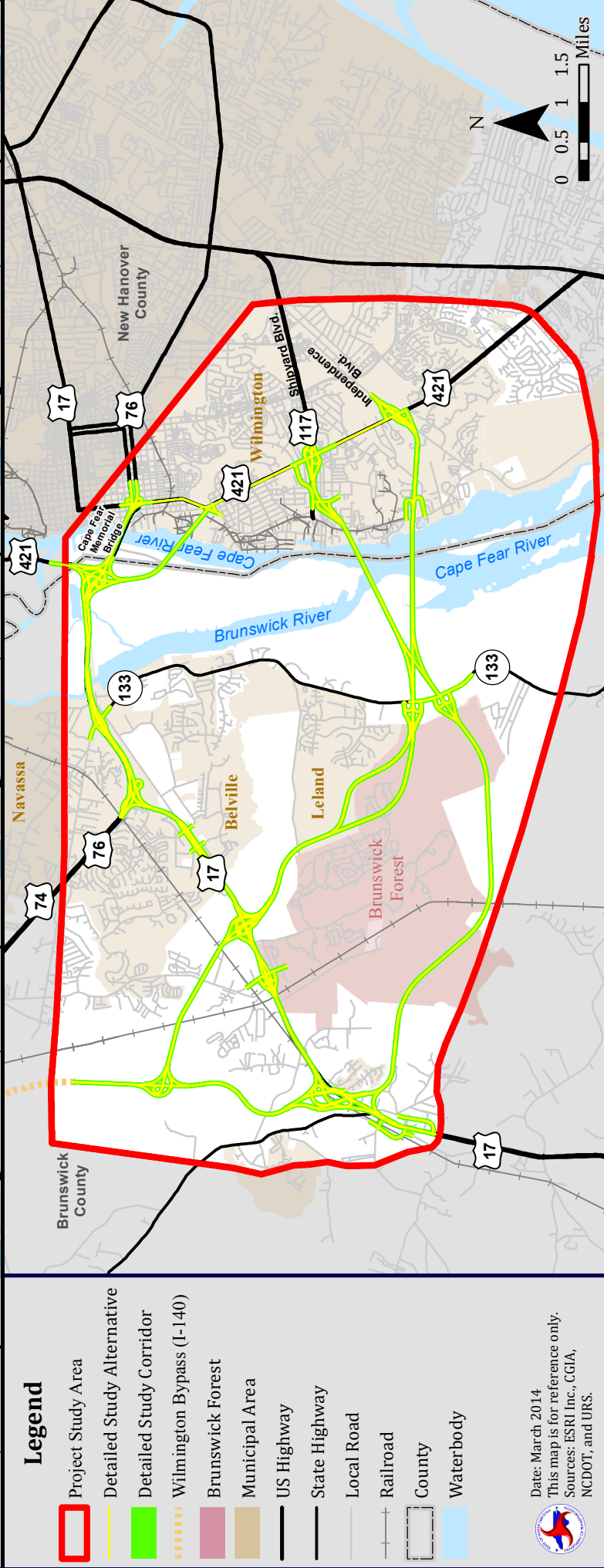
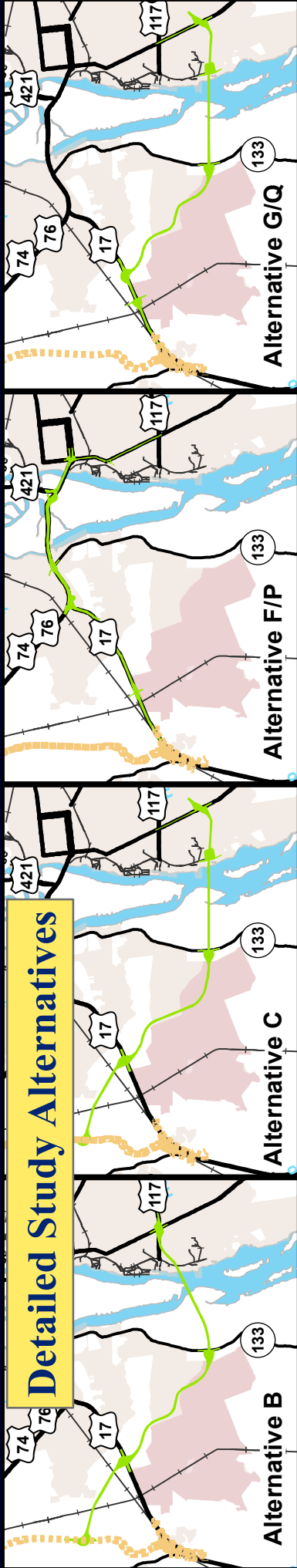
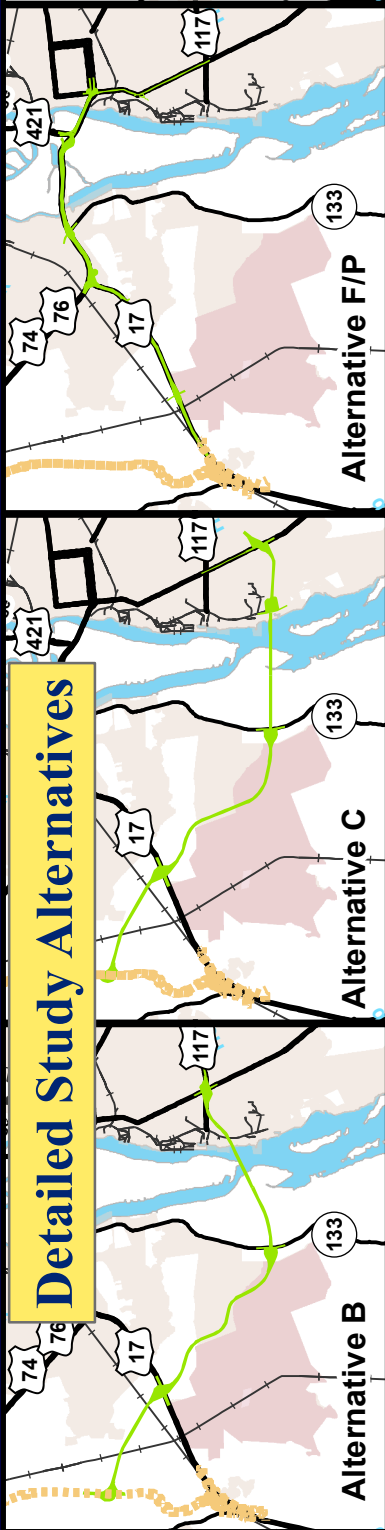
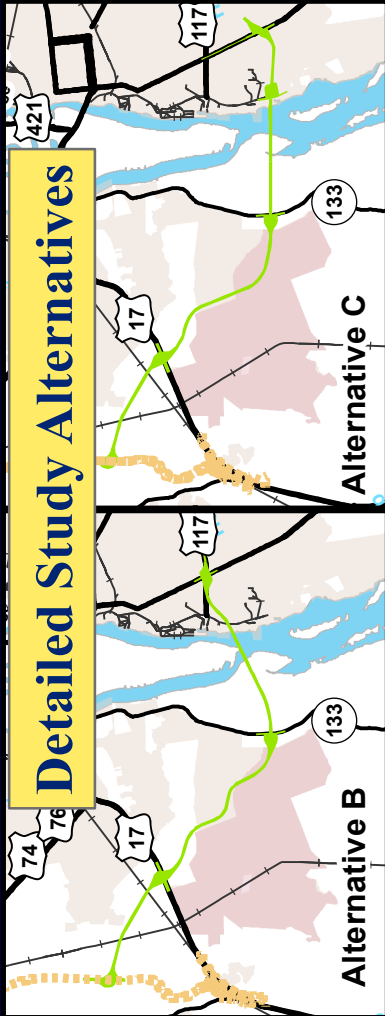
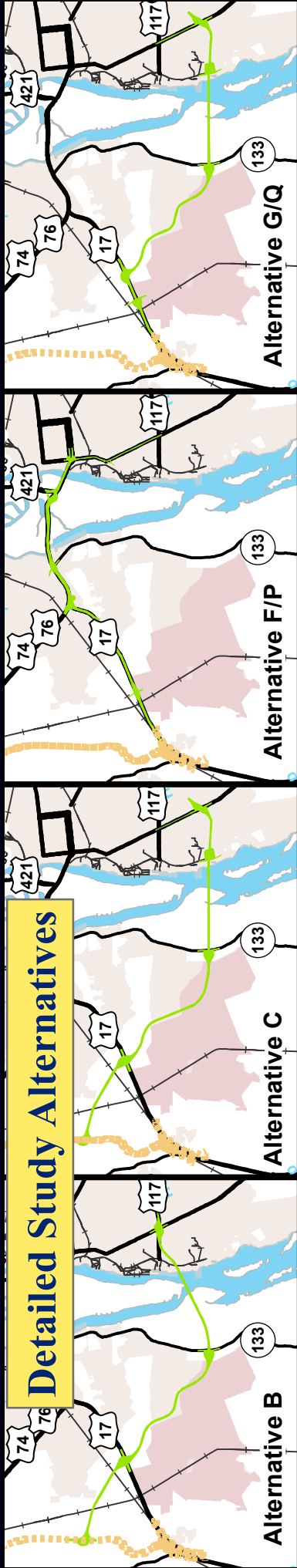
NOW, THEREFORE, BE IT RESOLVED, that the Board of the Wilmington Metropolitan Planning Organization hereby authorizes the Executive Director to enter into an agreement with Smith Moore Leatherwood LLP for General Legal Representation.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 31, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

Detailed Study Alternatives



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING ALTERNATIVE MA AND/OR ALTERNATIVE NA AS THE
WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION'S PREFERRED
ALTERNATIVES FOR THE CAPE FEAR CROSSING PROJECT**

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

WHEREAS, Cape Fear Crossing project's purpose and need includes improvements to traffic flow and enhanced freight movements beginning in the vicinity of US 17 and the future I-140 in Brunswick County across the Cape Fear River to US 421 near the Port of Wilmington in New Hanover County; and

WHEREAS, the project is in Merger with a range of alternatives being evaluated; and

WHEREAS, Merger is a process to streamline the project development and permitting processes, agreed to by the US Army Corps of Engineers (USACE), North Carolina Department of Environmental and Natural Resources (NCDENR), Federal Highway Administration (FHWA) and North Carolina Department of Transportation (NCDOT) and supported by other stakeholder agencies and local units of government; and

WHEREAS, there are 12 detailed study alternatives currently under study for the Cape Fear Crossing project through the Merger Process; and

WHEREAS, the project is currently at Concurrence Point 2A (Bridging and Alignment Review); and

WHEREAS, the next Concurrence Point after CP2A in the Merger Process is to select the Least Environmentally Damaging Practical Alternative (Concurrence Point 3); and

WHEREAS, the North Carolina Ports Authority has indicated a height clearance requirement of 235 feet for any southern alignment to accommodate present or future shipping requirements; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization Board has identified their preferred alignments for the Cape Fear Crossing project.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports Alternative MA and/or Alternative NA as the Wilmington Urban Area Metropolitan Planning Organization's preferred alternatives for the Cape Fear Crossing project.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on May 31, 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: Beth Doliboa, Associate Transportation Planner
DATE: May 17, 2017
SUBJECT: **WMPO Prioritization 5.0 Potential Submittals: Bicycle and Pedestrian**

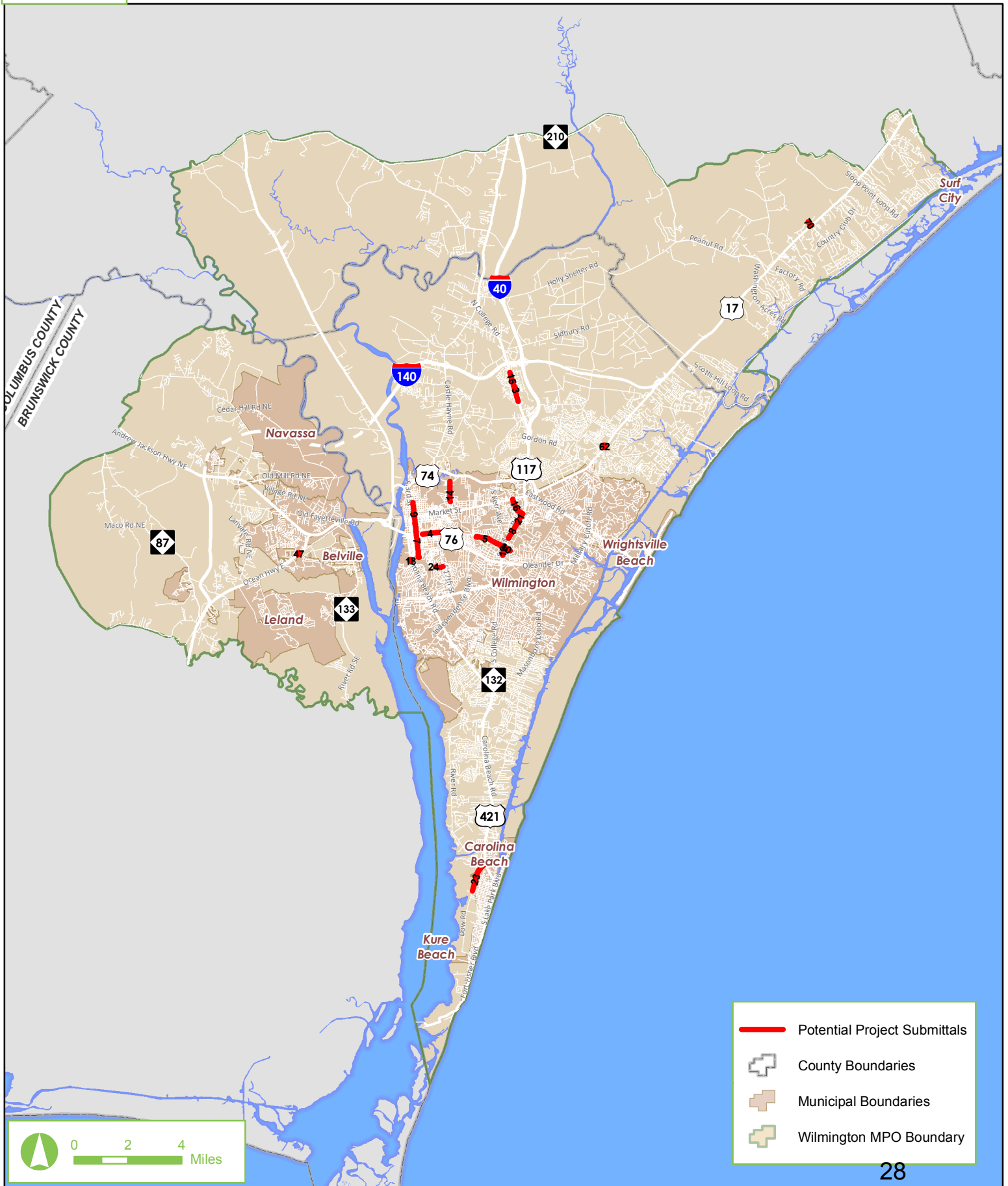
The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 5.0 (P 5.0) process. Below please find the recommendation for submittal to NCDOT for Prioritization 5.0 Bicycle and Pedestrian Projects. This list is derived from the *Cape Fear Transportation 2040 Plan*.

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)



WMPO Prioritization 5.0 Potential Submittals: Bicycle and Pedestrian





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: May 10, 2017
SUBJECT: WMPO Prioritization 5.0 Potential Highway Projects

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a schedule outlining the Prioritization 5.0 (P 5.0) process. The projects in the list below encompass staff's list of anticipated new project submittals:

New Submittals:

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

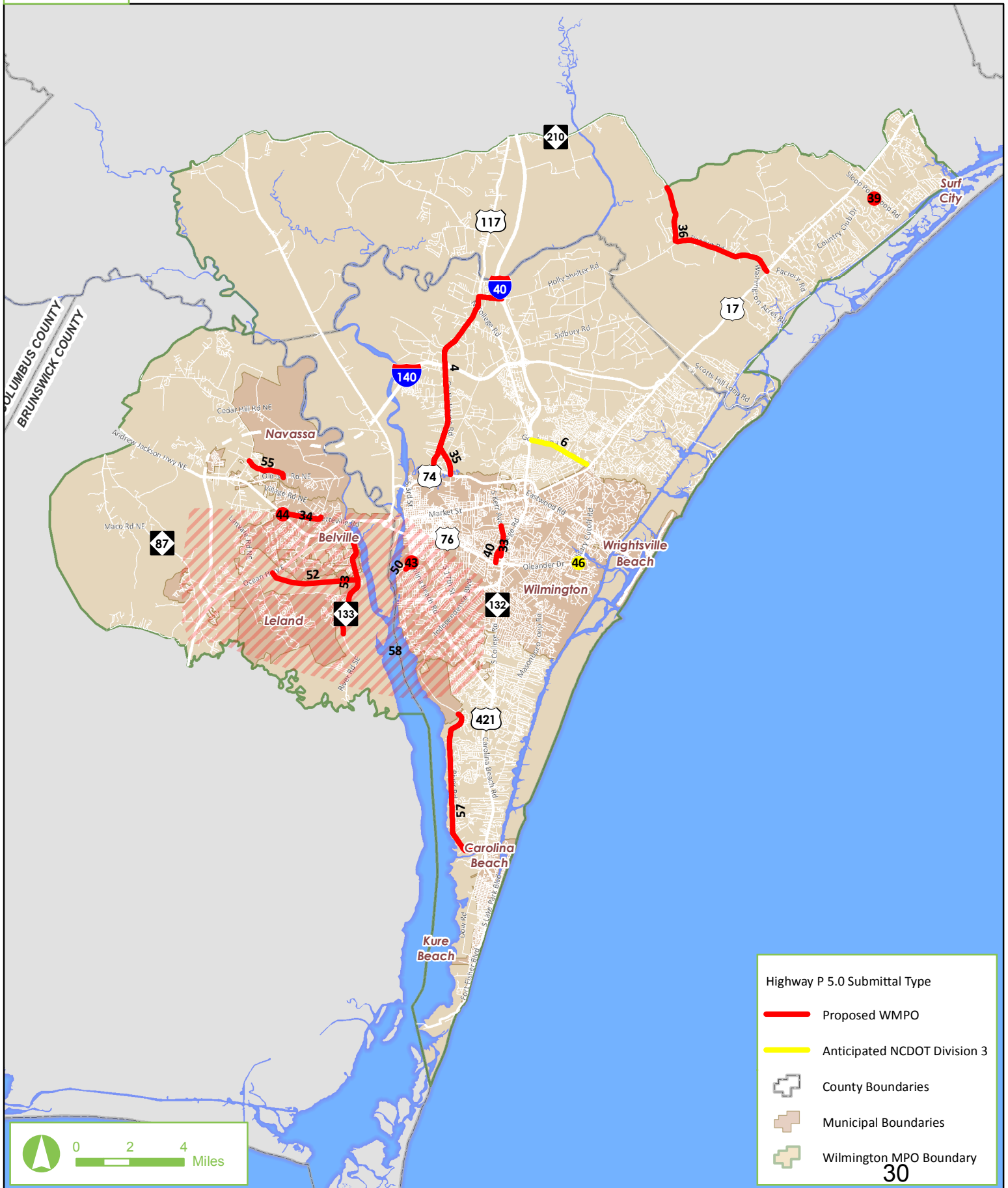
Based on discussions with Division 3, there are two projects that had previously been included on the WMPO's Prioritization 5.0 process pre-submittal memorandum which Division 3 anticipates submitting. Because Division 3 will be submitting these projects, the WMPO does not need to submit them for evaluation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

5/10/17





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

TO: WMPO Board
FROM: Beth Doliboa, Associate Transportation Planner
DATE: May 10, 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) released a schedule outlining the Prioritization 5.0 (P 5.0) process. 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*.

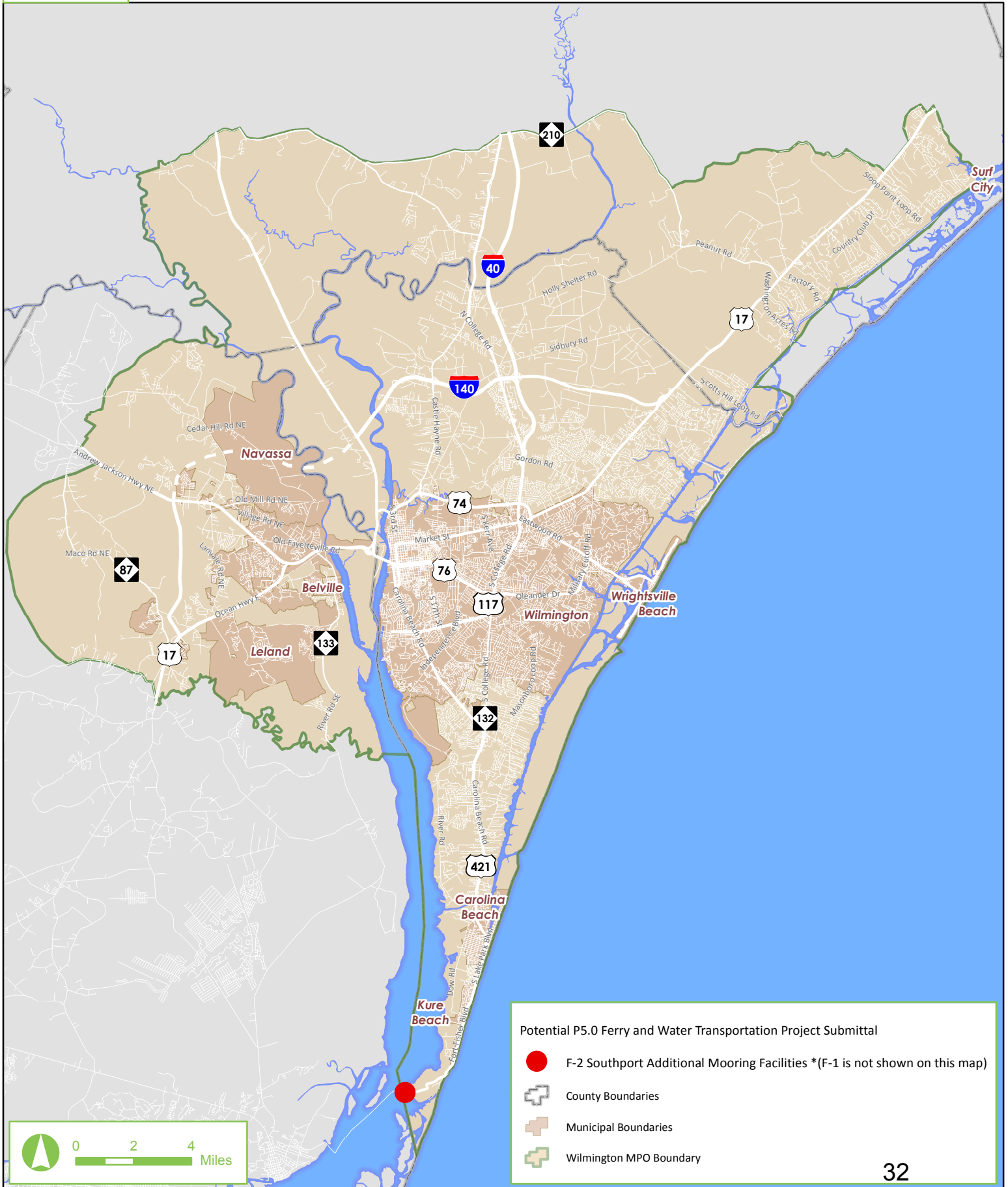
Ferry and Water Transportation

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

5/10/17



Potential P5.0 Ferry and Water Transportation Project Submittal

-  F-2 Southport Additional Mooring Facilities *(F-1 is not shown on this map)
-  County Boundaries
-  Municipal Boundaries
-  Wilmington MPO Boundary



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

May 1, 2017

Project Description

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

The following list includes tasks during the month of April:

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.

Upcoming Activities

- The project team will hold the next NEPA/Section 404 Merger meeting, Concurrence Point 2A – Bridging Decisions and Alignment Review on May 30-31st at the NCDOT Division 3 office in Castle Hayne.

Past Activities

- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The project team met with the State Historic Preservation Office on 3/27/17 to review historic resources in the project study area and finalize the Section 106 effect calls.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The project team held the Section 106 Effects meeting with the State Historic Preservation Office and Federal Highway Administration on 12/08/16.
- 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
MAY 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 project may also include aesthetic improvements that will enhance the entryway into Carolina Heights and provide a pocket park. The City awarded the construction contract to Lanier Construction on June 21st. Construction began on August 22nd. Construction is on-going and anticipated to be complete in 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 both technical standards to be used by engineers in their plan sets, and 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:

- 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 is completing the study. The draft Physical Conditions, Socio-economic Conditions, Financial Conditions, Legal Conditions, Transit Economic Benefit Assessment, Transit Environmental Analysis Summary, Rail Transit Recommendations, Engineering Analysis, Environmental Analysis, Rail Environmental Analysis Summary, Financial Analysis, Executive Summary and Implementation Schedule reports have been reviewed and comments have been provided to the consultant.

Next Steps:

- The Draft report has been provided to the Task Force for review and comment
- Hold a Task Force meeting on May 11th
- Presentations to the Wilmington City Council and Wilmington MPO in June

Northeastern 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 plan will consider the impacts of the street network on public health, traffic safety, emergency management, and access for existing and future residents. The first public Technical Advisory Panel meeting was held on April 24, 2017 and public workshop on April 25, 2017.

Next Steps:

- Host second Technical Advisory Panel meeting and public workshop on May 16, 2017
- Develop draft plan

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 7, City of Wilmington 9, Carolina Beach 0, Leland 0, and Pender County 4) new 7 and ongoing 13
- 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: 8 Full releases

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

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

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

Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Pricing for change order received from contractor. Staff is following up regarding the amount.
- Substructure design is approved. Waiting pricing for material change.
- 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:

- Final plan package anticipated to be complete by May 11, 2017
- Staff is working on right of way acquisition. Anticipate R/W acquisition completed May 2017.
- Submission of Bid Docs anticipated by May 23, 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:

- 65% plans submitted have been submitted to the Town
- Town has provided 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 submitted a request for a supplemental agreement to adjust funding amount
- Supplemental agreement needs to be put on the BOT agenda by June 3
- 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 requested the technical specs sections from VHB
- 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 June 6 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 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
- City following up on revised scope from McKim and Creed
- Revised 60% plans anticipated in May 2017
- 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
- City following up on revised scope from McKim and Creed
- Revised 60% plans anticipated in May 2017
- 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
- 65% plan review completed by NCDOT
- Final design is underway
- 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
- Receive design schedule from consultant
- Consultant to begin development of 35% plans

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
- 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 a10-foot wide, asphalt multi-use path on Military Cutoff Road from Eastwood Road to Drysdale Drive.

Next Steps:

- LJB has begun design contract
- 15% design to pick best alignment near completion

- 25% design available 30 days after for NCDOT review
- Anticipated let date Fall 2018

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:

- City of Wilmington is preparing plans for the project
- Plans, right of way certification and PCE have been approved
- Construction authorization request submitted
- 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
- Anticipated Let Date: July 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 driveway.

Next Steps:

- NHC selected Davenport for design
- NHC is negotiating scope and fee with consultant
- The MPO Board approved a scope modification to add 300 linear feet to the project making the total project length 900 feet.
- The MPO Board approved an additional \$50,000 of federal funding for the project to bring the total federal funding amount to \$140,000.
- 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
- Organize Bike to Work Week for the Cape Fear Region
- 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
- Develop bike share RFP
- Coordinate bike share presentations for interested employers



Cape Fear Public Transportation Authority

Project Update

May 2017

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. Two replacement shuttle vehicles were delivered in March 2017. Three replacement shuttle vehicles were approved by the Authority in April. Seven replacement paratransit vehicles have been approved for funding. The paratransit vehicles will be ordered throughout the summer for delivery in the fall of 2017.
2. **Short Range Transportation Plan** - following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit has begun its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

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

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** - 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 process of flexing the funds from FHWA to FTA is complete and the grant is being drafted for consideration by FTA.
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.
The real property transfer is complete. Stabilization design is complete and the Authority has contracted with Eastern Environmental for hazardous materials abatement and demolition. Demo and hazmat abatement have begun and are expected to be complete in mid-June. Stabilization construction beyond demolition and abatement is expected to begin in early summer.
Renovation design and utility relocation is underway with an anticipated completion date of late spring. Renovation construction is expected to commence in the fall of 2017 with a spring 2018 completion.
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 in process 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 March 2017 the Authority provided 1,936 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 and is on the NCDOT Board of Transportation agenda for June 01, 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.

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 are being calculated. Local matching funds are being finalized. A purchase order for the vehicles will be considered by the Authority following the fund transfer request from NCDOT to FHWA. Flex funding for the vehicles is on the NCDOT Board of Transportation agenda for June 01, 2017. 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

May 25, 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 begun waterline relocations for proposed culvert. 60% complete.

3rd Street and Burnett Blvd. are currently closed. Contract allows Contractor to close road until December 31st. Front Street is open with restrictions at peak hours.

Contractor: Mountain Creek Contractors Inc.

Bid Amount: \$3,156,247.36

Estimated Completion Date: October 2018

Percent Complete: 23.2%

***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 April 30, 2018

Open to traffic on November 2017

Contractor: Barnhill Contracting

Percent Complete: 71.4%

***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

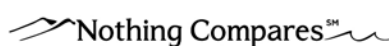
Contractor: Balfour Beatty Infrastructure

Percent Complete: 85.3%

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

100% Complete. Waiting on Final Estimate



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 Martin Luther King, Jr. Parkway. Installing storm drain throughout project, and grading Multi-Use Path at Kerr Ave. and Randall Prkwy.

Estimated Contract Completion Date September 2019

Contractor: Sealand Contractors Corp.

Percent Complete: 36.8%

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.

Estimated Contract Completion Date November 11, 2020

Currently driving piles for foundation of the bridge. Moratorium for driving piles was April 1.

All piles were driven before April 1st.

Area where work is being done is considered a Primary Nursery Area. No bottom disturbing activities can be performed in a PNA during the April 1- September 30. Contractor is currently pouring concrete, about 3-4 drilled shafts per week. They are expected to begin drilling on the island side of the project by the second week of May.

Percent Complete: 24.8%. Project is currently on schedule

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.

Future Projects

R-3300B: US 17 Hampstead Bypass: Add new divided highway from NC 210 north to Sloop Point Loop Road. (Currently funded). R-3300A section of Bypass is not currently funded.

Let Date ROW: FY 2018. Construction: FY2021

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

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

Let Date ROW: FY 2018. Construction: FY2021

Both projects to be built simultaneously to speed up Bypass project.
Currently constructing new connector road from Dan Owen Drive to Factory Road to allow median project to be constructed faster.

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

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 Road & 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-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

SR 1318 (Blue Clay Rd.) – from radius at intersection of SR 1322 (Kerr Ave.) to pvm 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

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: 4.7%. 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.

Percent Complete: 5.4%

***Estimated Completion Date: December 2017**

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 4, 2017
- Traffic updates per Division Staff Meeting held March 14, 2017.
 - May 1st – 7th – Wells Fargo PGA Golf Tournament being held at Eagle Point Golf Club in Porters Neck.

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