



## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

*The mission of the Wilmington MPO is to develop and implement a comprehensive multi-modal transportation plan that supports the existing and future mobility needs and economic vitality of the Wilmington Urban Area. This shall be accomplished by protecting the environment, safe guarding the social equity, improving the quality of life for the citizens of the community, improving the local economy and providing for the safe and efficient mobility throughout the region. This is achieved through the long range transportation planning process which includes a comprehensive, continuous and cooperative approach from citizens and participating members.*

### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

### Technical Coordinating Committee Meeting Agenda

**TO:** Technical Coordinating Committee Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** August 6, 2015  
**SUBJECT:** August 12<sup>th</sup> meeting

A meeting of the WMPO Technical Coordinating Committee will be held on Wednesday, August 12<sup>th</sup> at 10 am. The meeting will be held in the Lord Spencer Compton Conference Room at 102 North 3<sup>rd</sup> Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of Minutes:
  - a. 7/8/15
- 3) Presentation
  - a. Cape Fear River Rail Relocation, Glenn Harbeck, City of Wilmington
- 4) Consent Agenda
  - a. Resolution supporting the submittal of Prioritization 4.0 Project Modifications
  - b. Resolution supporting the submittal of Prioritization 4.0 Preliminary Intersection/Interchange Projects
  - c. Resolution supporting Prioritization 4.0 Region B and Division 3 Potential Alternative Criteria
  - d. Resolution adopting Local Functional Classification Maps
  - e. Opening of the public comment period for the STIP/MTIP Amendments
- 5) Regular Agenda
  - a. Resolution supporting the allocation of Unified Planning Work Program funds in the amount of \$100,000 to complete a Feasibility Study to Relocate the Rail line from the City of Wilmington, improve access to the Port of Wilmington and to Recommend Alternative Transportation Uses for the Existing Rail Line
  - b. Resolution requesting the North Carolina Department of Transportation and/or North Carolina General Assembly fund the Scientific Park Drive Extension
  - c. Resolution requesting the North Carolina Department of Transportation study the I-74/US 74 Corridor in Brunswick and Columbus Counties
- 6) Discussion
  - a. Prioritization 4.0 Project Deletions
  - b. Prioritization 4.0 Local Input Methodology
  - c. Wilmington MPO Call for Projects/Studies
- 7) Updates

- a. Crossing over the Cape Fear River Work Group
- b. Wilmington MPO
- c. Cape Fear Public Transportation Authority
- d. NCDOT Division
- e. NCDOT Transportation Planning Branch
- 8) Announcements
  - a. STP-DA and TAP-DA Mandatory Meeting- August 19, 2015
  - b. WMPO Bike/Ped Committee Meeting-August 20, 2015
- 9) Next meeting –September 16, 2015

**Attachments:**

- Minutes 7/8/15 meeting
- Maps of Proposed Project Modifications
- Resolution supporting the submittal of Prioritization 4.0 Project Modifications
- Wilmington MPO Preliminary Interchange/Intersection Projects Memo
- Resolution supporting the submittal of Prioritization 4.0 Preliminary Intersection/Interchange Projects
- Wilmington MPO Alternative Criteria Memo
- Resolution supporting Prioritization 4.0 Region B and Division 3 Potential Alternative Criteria
- Local Functional Classification Maps
- Resolution adopting Local Functional Classification Maps
- STIP/MTIP Amendments (August)
- Resolution supporting the allocation of Unified Planning Work Program funds in the amount of \$100,000 to complete a Feasibility Study to Relocate the Rail line from the City of Wilmington and improve access to the Port of Wilmington
- Map of Existing Salvation Army Property
- Map of Proposed Scientific Park Drive Extension
- Resolution requesting the North Carolina Department of Transportation and/or North Carolina General Assembly fund the Scientific Park Drive Extension
- Resolution requesting the North Carolina Department of Transportation study the I-74/US 74 Corridor in Brunswick and Columbus Counties
- P 3.0 Preliminary Project Status in P 4.0 maps
- Prioritization 4.0 Project Deletions Memo
- Prioritization 4.0 Local Input Methodology Memo
- Wilmington MPO Call for Projects/Studies Memo
- Cape Fear River Crossing Update (August)
- Wilmington MPO Project Update (August)
- Cape Fear Public Transportation Authority Update (August)
- NCDOT Project Update (July)

**Wilmington Urban Area  
Technical Coordinating Committee  
Meeting Notes for July 8, 2015**

**Members Present:**

Mike Kozlosky, City of Wilmington  
Suraiya Rashid, TDM Coordinator  
Ed Parvin, Town of Carolina Beach  
Ken Vafier, New Hanover County  
Robert Waring, Town of Leland  
Kyle Breuer, Pender County  
Trey Burke, Town of Navassa  
Helen Bunch, Brunswick County  
Don Bennett, City of Wilmington  
Athina Williams, Town of Belville  
Zach Steffey, Town of Wrightsville Beach  
Megan Matheny, WAVE Transit  
Adam Snipes, NCDOT Planning Branch  
Whitney Prease, Wilmington International Airport

**Others:**

Megan O'Hare, Pender County

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:01am.

**2. Approval of Minutes**

The minutes for the meeting June 10, 2015 were approved unanimously.

**3. Regular Agenda**

**a. Resolution approving the Final Draft Cape Fear Transportation 2040 Plan**

Ms. Rashid told members the Final Draft Cape Fear Transportation 2040 Plan is complete and staff will be presenting the plan to member jurisdictions during August and September for adoption. She previewed the slide presentation staff created for those meetings. Following the presentation, Ms. Rashid said the plan will come back to the TCC at the November 18<sup>th</sup> meeting, and to the TAC on December 9<sup>th</sup> for final adoption.

Mr. Burke made the motion to approve the Final Draft Cape Fear Transportation 2040 Plan and forward to the TAC for consideration. Mr. Snipes seconded the motion and it carried unanimously.

**4. Discussion**

**a. Prioritization 4.0 Existing Projects, Project Modifications and Deletions**

Ms. Rashid told members that staff received information from the State Prioritization Office of Transportation (SPOT) on June 25<sup>th</sup> regarding the upcoming Prioritization 4.0 (P4.0) process. Included in the notification was a list of the Prioritization 3.0 (P3.0) projects. She noted that WMPO staff, TCC/TAC members and Division 3 were asked to review the projects listed to ensure agreement on the projects status or to request changes going forward into the P4.0 process.

Ms. Rashid explained that the projects listed in the table fall into three categories. The first category is Committed Project. These projects are funded in the first 4 years of the 10-year STIP. They will not need to go through the prioritization process again. The next category is Existing Projects. These projects will remain in the data base; however, they may be switched out for another if members so desire. The final category is Removed-placed in Holding Tank. These projects had been added to the list in an earlier version of Prioritization or by the Division 3 Office. These projects will not be kept in the SPOT data base. However, there will be an opportunity to re-enter a limited number of these projects into the P4.0 process if desired. Ms. Rashid stated that the current understanding is that we will be allowed to add 13 projects into the process.

Mr. Kozlosky said the requested deadline for modification and deletion submittals is September 1<sup>st</sup>. Ms. Rashid noted that SPOT requested projects be submitted to them in advance of the actual October project submittal deadline in order to allow the Congestion Management team time to compile needed project information.

**b. Prioritization 4.0 Interchange/Intersection Projects**

Ms. Rashid told members that SPOT requested that staff submit a comprehensive list of interchange/intersection projects that are anticipate to be submitted in order to allow them to start data calculations. Staff developed a list of projects for consideration using information from P3.0 and the long range plan. Ms. Rashid noted that there will still be opportunities prior to the October deadline to add/remove any of these projects in P4.0.

**c. Prioritization 4.0 Region B and Division 3 Potential Alternative Criteria**

Ms. Rashid told members that the SPOT office released its suggested criteria weighting for scoring P4.0 projects in June. MPOs, RPOs and the Division Offices have the option of submitting an agreed-upon alternative criteria that may better serve local Regional Impact and Division Needs projects for the P4.0 process. Staff has been in consultation with staff from MPOs, RPOs and the Division Offices in Region B and developed the alternative percentages.

Mr. Kozlosky told members that there has to be agreement among all MPOs, RPOs and the Division Offices to use the alternative criteria. He noted that it's anticipated that our region would score better based on the results of the new criteria.

**d. Prioritization 4.0 Local Input Methodology and Point Transfers**

Mr. Kozlosky told members that in going through P3.0, we had a local methodology that was adopted by the Board. Staff identified that there may be opportunities to improve the methodology used in P4.0. He noted that updates to the methodology must be adopted by April 1, 2016. Mr. Kozlosky said staff will bring an updated version to next month's meeting for review.

**e. Federal Functional Classification Maps**

Ms. Rashid told members that the maps included in the packet reflect the GIS data found in the Roadway Characteristic's File provided by NCDOT's Transportation Planning Branch. She said NCDOT has also provided information to help clarify/explain the purpose of the Federal functional classification system.

Mr. Serkin asked if we as an MPO want to look at all our roadways and classify them since we are not to use the Federal function classification in land-use planning. He suggested that we could then translate that into land-use decisions. Or, should it be done by jurisdictions when land-use plans are updated. Mr. Kozlosky said staff will explore the possibilities and bring it back for discussion.

#### **5. Updates**

Updates are included in the agenda packet.

#### **8. Announcements**

#### **8. Adjournment**

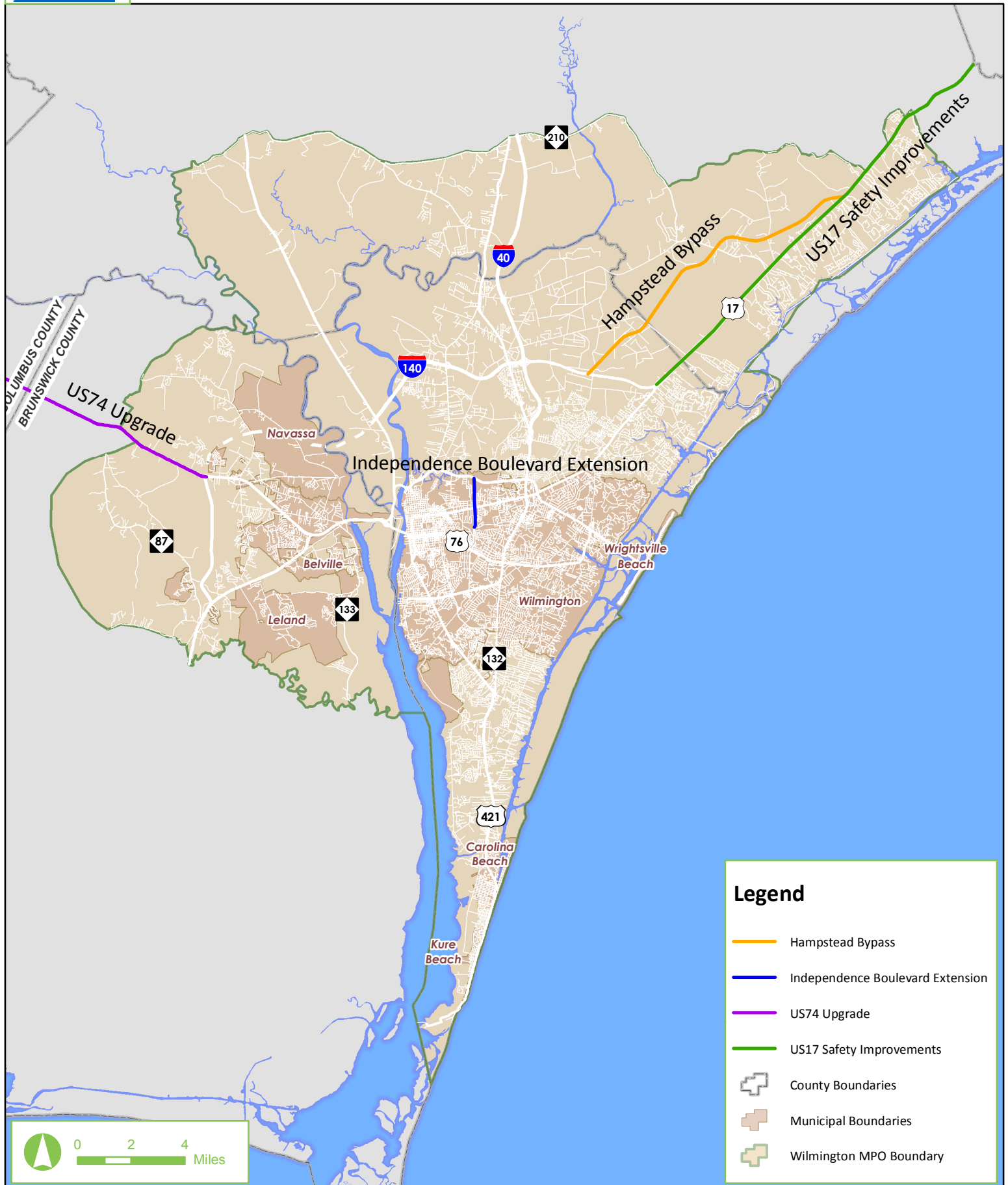
With no further items, the meeting was adjourned at 11:16am.

**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.**



# WMPO Existing Projects Recommended for Modifications for P 4.0

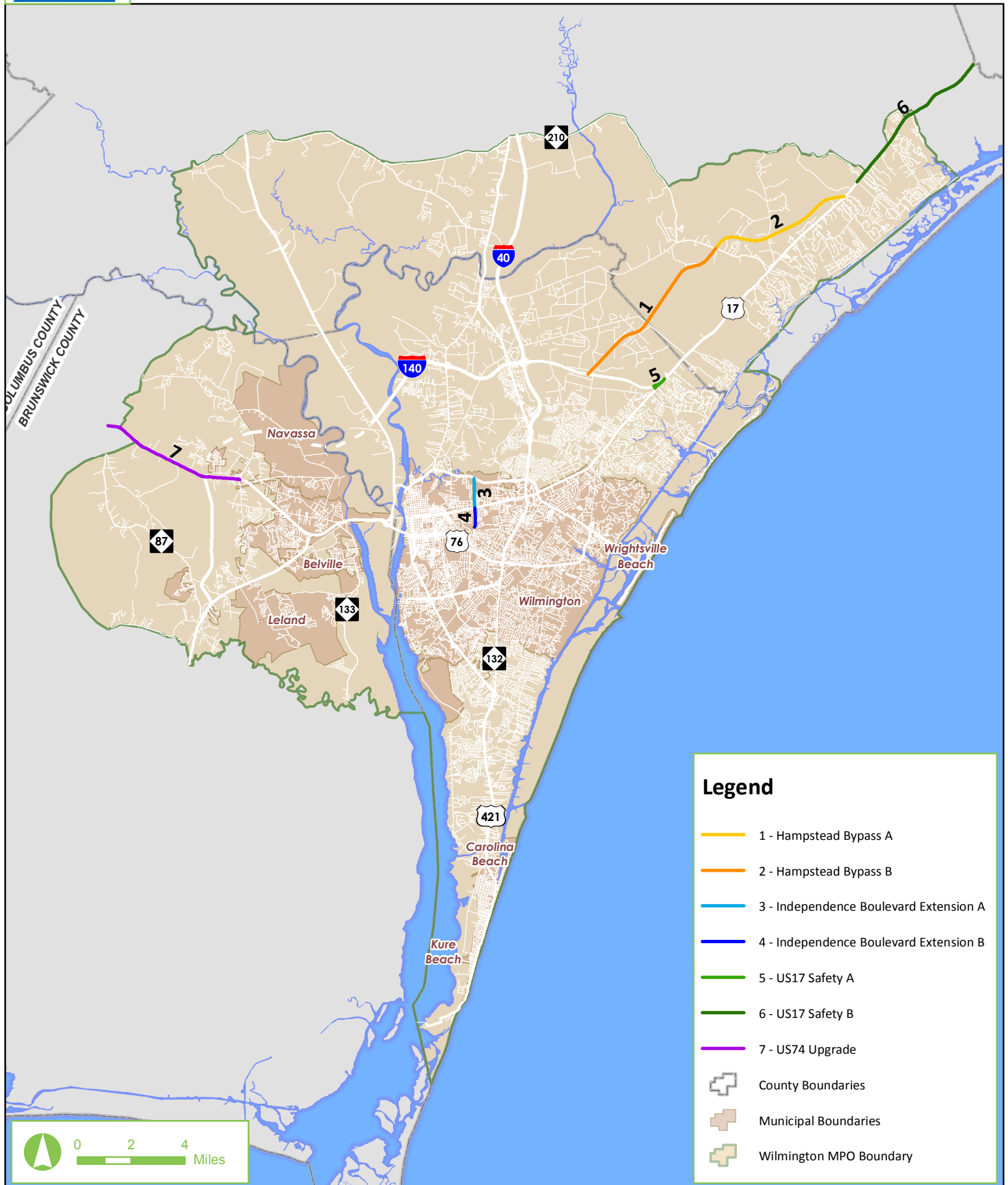
NOTE: This map was created for the 8/26/15 WMPO TAC Meeting for reference purposes only and may not depict final list of P 4.0 submittals. Submittals will not be finalized until October 2015.





# WMPo Recommended Project Modifications for P 4.0

NOTE: This map was created for the 8/26/15 WMPo TAC Meeting for reference purposes only and may not depict final list of P 4.0 submittals. Submittals will not be finalized until October 2015.



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

**RESOLUTION SUBMITTING PRIORITIZATION 4.0 PROJECT MODIFICATIONS**

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

**WHEREAS**, the Strategic Transportation Investment Bill (HB 817), was signed into law on June 26, 2013, as a way to help the better leveraging of existing funds to enhance the state's transportation infrastructure, providing greater opportunity for economic growth; and

**WHEREAS**, the North Carolina Department of Transportation Strategic Planning Office of Transportation is updating the Prioritization Process and has created Prioritization 4.0 (P 4.0); and

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

**WHEREAS**, the Wilmington MPO has identified a need to segment the following projects: the Hampstead Bypass (which currently extends from I-140/Wilmington Bypass to north of Hampstead) at NC210; Independence Boulevard Extension (which currently from Randall Parkway to US74/Martin Luther King Jr. Parkway) at US17BUS/Market Street; and

**WHEREAS**, the Wilmington MPO has identified a need to modify the extents of the following projects: US17 Safety project (which currently runs from I-140/Wilmington Bypass to the Onslow County line) to begin at I-140/Wilmington Bypass and terminate at Scotts Hill Loop Road, and also to begin at Sloop Point Road and terminate at NC210 in Surf City; the upgrade of US74 to Interstate status to begin at Mount Misery Road and terminate at NC87/Maco Road; and

**WHEREAS**, the Strategic Planning Office provided a deadline of September 1, 2015 for the Wilmington MPO, in concurrence with NCDOT Division 3, to submit modifications to P 4.0 Existing Projects.

**NOW THEREFORE**, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby endorses project modifications for Prioritization 4.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary





## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

### MEMORANDUM

**TO:** TAC Members

**FROM:** Suraiya Rashid, Senior Transportation Planner

**DATE:** August 26, 2015

**SUBJECT:** **WMPO Prioritization 4.0 Potential Submittals: Interchange, Intersection, Superstreets, and Operational Projects**

#### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a request on June 4, 2015 that each MPO/RPO and Division provide a list of interchange, intersection, superstreet and operational projects that are anticipated to be submitted for their upcoming Prioritization 4.0 (P 4.0) process. A deadline for these submittals is September 1, 2015. While the official project submittal window for NCDOT's P 4.0 process will not begin until October 2015, SPOT has requested that potential projects of these types be submitted so as to allow the NCDOT Congestion Management team lead time in creating and/or updating microsimulations used to calculate travel time savings scoring components. No project will be officially considered "submitted", nor will a project be precluded from submittal, until it is formally submitted during the official P 4.0 submittal window.

Based on direction from TAC at the July 22, 2015 meeting, Wilmington MPO staff have provided a list of interchange, intersection, superstreet, and operational projects to comply with this request. Below please find the full list of pertinent projects under consideration:

- R-13 US117/NC132/College and US76/Oleander Intersection
- R-17 Carolina Beach Road and College Road Flyovers
- R-18 Isabel Holmes Bridge Flyovers
- R-26 Wrightsville Avenue and Wallace Avenue Roundabout
- R-27 Oleander Drive and Pine Grove Intersection
- R-39 Country Club/Doral Drive and Sloop Point Loop Road
- R-42 NC133/Castle Hayne Road and 23rd Street Roundabout
- R-43 Front Street & Carolina Beach Road Intersection
- R-44 Old Fayetteville Road Interchange
- R-45 New Centre Drive and Market Street Intersection
- R-46 Greenville Avenue and Oleander Drive Intersection
- R-48 CBR & Shipyard Blvd Intersection (wb)
- R-51 Shipyard Boulevard Speed Sensors and Warning activation at NC Port of Wilmington
- R-54 Market Street and Martin Luther King Jr. Pkwy Flyovers

- R-115\* US17BUS/ and US17 Intersection
- R-12 \*\* US17 Superstreet
- R-16\*\* US74/Eastwood Road & Military Cutoff Road
- R-19\*\* US117/NC132/College and Martin Luther King Jr.  
Pkwy Intersection
- R-20\*\* Kerr Avenue and Martin Luther King Jr Pkwy  
Intersection

\* Projects not currently listed in the draft *Cape Fear Transportation 2040* plan as anticipated funded projects.

\*\* Projects currently listed in P 4.0 database as “Committed Project” programmed and committed in years 1-5 of the 2015-2025 STIP.

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

**RESOLUTION SUBMITTING PRIORITIZATION 4.0 POTENTIAL  
INTERSECTION/INTERCHANGEPROJECT MODIFICATIONS**

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

**WHEREAS**, the Strategic Transportation Investment Bill (HB 817), was signed into law on June 26, 2013, as a way to help the better leveraging of existing funds to enhance the state's transportation infrastructure, providing greater opportunity for economic growth; and

**WHEREAS**, the North Carolina Department of Transportation Strategic Planning Office of Transportation is updating the Prioritization Process and has created Prioritization 4.0; and

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

**WHEREAS**, in order to evaluate the quantative scores for all projects submitted through the Prioritization 4.0 process within a limited timeframe, the Strategic Planning Office of Transportation has requested a list of potential interchange, intersection, superstreet, and operational projects be submitted on a preliminary basis by September 1, 2015; and

**WHEREAS**, the preliminary submittal of interchange, intersection, superstreet and operational projects will not constitute official submittal for Prioritization 4.0 nor will it preclude the official submittal of any project for Prioritization 4.0.

**NOW THEREFORE**, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby endorses the preliminary submittal of interchange, intersection, superstreet and operational projects to the Strategic Planning Office for consideration by NCDOT in Prioritization 4.0.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary



## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

### MEMORANDUM

**TO:** TAC Members

**FROM:** Suraiya Rashid, Senior Transportation Planner

**DATE:** August 26, 2015

**SUBJECT:** **WMPO Prioritization 4.0 Potential Alternative Criteria  
(Region B and Division 3)**

#### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a tentative Prioritization 4.0 (P 4.0) schedule on June 8, 2015 to include a deadline of October 1, 2015 for submitting agreed-upon alternative criteria for the evaluation of Regional Impact and Division Needs projects.

In consultation with MPOs, RPOs and the NCDOT Division Offices, it is anticipated that the following criteria weights may better serve local Regional Impact projects for evaluation purposes:

Criteria	P 4.0 Default	Region B Anticipated Alternate
Benefit-Cost	20%	10%
Congestion	20%	10%
Accessibility/Connectivity	10%	10%
Safety	10%	25%
Freight	10%	10%
Multimodal	0%	5%

In consultation with MPOs, RPOs and the NCDOT Division Office, it is anticipated that the following criteria weights may better serve local Division Needs projects for evaluation purposes:

Criteria	P 4.0 Default	Division 3 Anticipated Alternate
Benefit-Cost	15%	0%
Congestion	15%	10%
Accessibility/Connectivity	5%	5%
Safety	10%	15%
Freight	5%	10%
Multimodal	0%	10%

Alternate criteria will evaluate projects as noted above only if all MPOs, RPOs and Divisions submit identical requests by October 1, 2015. Should this not occur, projects will be evaluated by the default P 4.0 criteria.

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

**RESOLUTION ADOPTING ALTERNATIVE CRITERIA FOR THE QUANTATIVE  
EVALUATION OF REGIONAL IMPACT PROJECTS AND DIVISION NEEDS  
PROJECTS FOR REGION B AND DIVISION 3**

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

**WHEREAS**, the Strategic Transportation Investment Bill (HB 817), was signed into law on June 26, 2013, as a way to help the better leveraging of existing funds to enhance the state's transportation infrastructure, providing greater opportunity for economic growth; and

**WHEREAS**, the North Carolina Department of Transportation Strategic Planning Office of Transportation is updating the Prioritization Process and has created Prioritization 4.0; and

**WHEREAS**, the Strategic Planning Office of Transportation's prioritization process will evaluate projects based on a quantitative and qualitative analysis;

**WHEREAS**, NCDOT has developed a selection process that is transparent and data driven for Statewide, Regional Impact, and Division Needs Projects; and

**WHEREAS**, the Prioritization 4.0 workgroup has agreed to default criteria for the Regional Impact and Division Needs Projects; and

**WHEREAS**, Metropolitan Planning Organizations (MPOs), Rural Transportation Planning Organizations (RPOs) and the North Carolina Department of Transportation Division Engineers have been given an opportunity to define their own alternative quantitative criteria and formulas for the quantitative evaluation of Regional Impact Projects and Division Needs Projects; and

**WHEREAS**, the Wilmington MPO is located in Region B and Division 3 as defined by the legislation and the North Carolina Department of Transportation; and

**WHEREAS**, a set of alternative criteria has been proposed to evaluate Regional Impact Projects for Region B jurisdictions and Division Needs Projects for Division 3 jurisdictions.

**NOW THEREFORE**, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby supports the alternative criteria for the quantitative evaluation of Regional Impact Projects and Division Needs Projects to address the Strategic Transportation Investment for Region B and Division 3.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

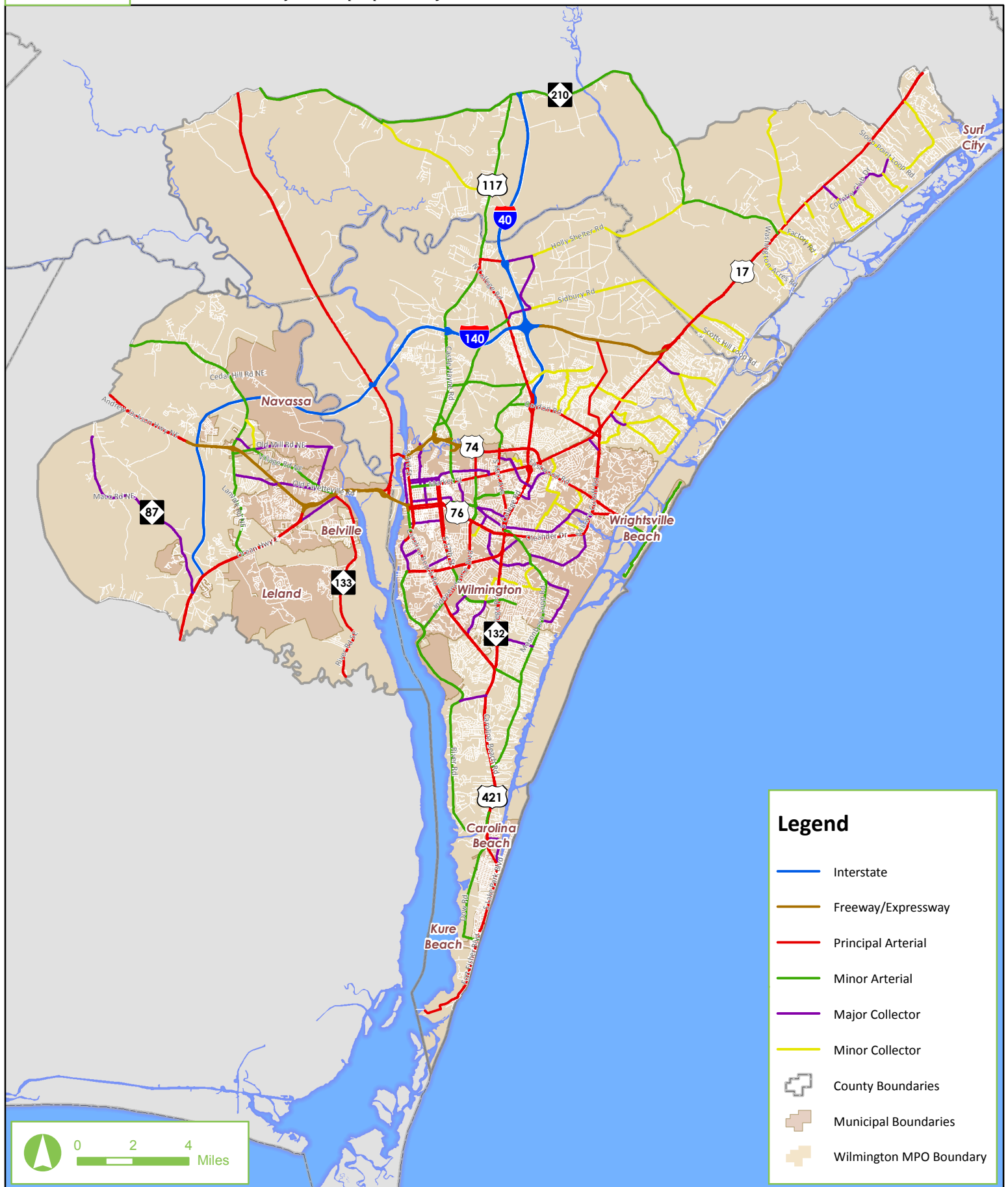
Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary

# WMPO Functional Classification - 08/26/15

*Note: This map does NOT represent Federal Functional Classification and should be used for local purposes only.*



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

**RESOLUTION ADOPTING THE WILMINGTON MPO LOCAL FUNCTIONAL  
CLASSIFICATION MAPS**

**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 functional classification of roadways are intended to reflect the existing role each element of the roadway network plays in serving the travel needs; and

**WHEREAS**, the Federal Highways Administration (FHWA) uses Federal Functional Classification to inform roadway design, eligibility for funding under the Federal-aid program, and in performance-based management endeavors; and

**WHEREAS**, Wilmington MPO member jurisdictions refer to the functional classification of roadways in their land development codes and regulations in an effort to better coordinate land use and transportation planning; and

**WHEREAS**, as a result of the decennial census the Wilmington MPO reviewed the federal functional classification of all roadway elements in the Wilmington MPO roadway network; and

**WHEREAS**, on December 11, 2013 the Transportation Advisory Committee proposed changes to the federal functional classification of Wilmington MPO roadways consistent with existing conditions for submittal to the North Carolina Department of Transportation (NCDOT) and the FHWA; and

**WHEREAS**, NCDOT and FHWA rejected several proposed changes to the Federal Functional Classification system due to a mileage cap for different classifications set by FHWA, lack of resources to collect traffic counts and other items not directly related to the existing conditions of the Wilmington MPO roadway network; and

**WHEREAS**, a WMPO Local Functional Classification map reflective of existing conditions has been developed for use by member jurisdictions to refer to for non-federal local planning purposes.

**NOW THEREFORE**, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby adopts the Wilmington MPO's Local Functional Classification maps for non-federal purposes.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary



## Proposed Revisions to 2012-2018 STIP/MTIP and 2016-2025 STIP/MTIP Program

### STIP/MTIP Amendment (August)

* I-5760 NEW HANOVER STATEW IDE PROJ.CATEGORY	W ILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION	I-140, I-40 TO US 421. PAVEMENT REHABILITATION. <u>PROGRAMMED FOR PLANNING AND</u> <u>ENVIRONMENTAL STUDY ONLY. (THIS AMENDMENT</u> <u>ONLY APPLIES TO THE 2012-2020 STIP)</u>
--	--	---

M-0505 STATEW IDE DIVISION PROJ.CATEGORY	STATEW IDE PROJECT	TRANSPORTATION PROGRAM MANAGEMENT UNIT (TPMU) OVERSIGHT FOR LOCALLY-ADMINISTERED PROJECTS INCLUDING PREPARATION OF AGREEMENTS AND FUNDING AUTHORIZATION REQUESTS <u>ADD IMPLEMENTATION IN FY 16 THROUGH FY 20 AT</u> <u>REQUEST OF TRANSPORTATION PROGRAM</u> <u>MANAGEMENT UNIT.</u>	IMPLEMENTATION FY 2016 -\$300,000 (T) FY 2017 - \$300,000 (T) FY 2018 - \$300,000 (T) FY 2019 - \$300,000 (T) FY 2020 - <u>\$300,000</u> (T) \$1,500,000
---	--------------------	--	--

## Proposed Revisions to 2012-2018 STIP/MTIP and 2016-2025 STIP/MTIP Program

### STIP/MTIP Amendment (August)

TBD	Cape Fear Public Transportation Authority	Purchase Light Transit Vehicle	FY 16 - \$100,000 5307 \$ 10,000 Local \$ 10,000 State
-----	--	--------------------------------	--

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

**RESOLUTION SUPPORTING THE ALLOCATION OF UNIFIED PLANNING WORK  
PROGRAM FUNDS IN THE AMOUNT OF \$100,000 TO COMPLETE A FEASIBILITY STUDY  
TO EVALUATE THE RELOCATION OF THE RAIL LINE FROM THE CITY OF  
WILMINGTON, TO PROVIDE IMPROVED ACCESS TO THE PORT OF WILMINGTON AND  
TO RECOMMEND ALTERNATIVE TRANSPORTATION USES FOR THE EXISTING RAIL  
LINE**

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

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

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

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

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

**WHEREAS**, the relocation of the rail line would be beneficial to CSXT, the State Ports and the City of Wilmington by eliminating tens of thousands of at grade vehicular rail crossings on a daily basis, improving mobility throughout the City of Wilmington, and improving rail operations and safety en route to the ports; and

**WHEREAS**, improved rail access to the Ports would also have benefits of Statewide significance, in terms of economic development of business and industry throughout North Carolina; and

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

**WHEREAS**, such a transit service would stimulate investment in the many vacant and underperforming properties along the existing rail corridor, particularly on the south side of town; and

**WHEREAS**, on December 8, 2014 the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee encouraged the MPO, NCDOT and CSXT to complete a feasibility

study to evaluate the relocation of the CSXT rail line across the river via a route that eliminates rail traffic through the heart of the City and which would provide a more direct rail access corridor to the Port of Wilmington; and

**WHEREAS**, the estimated cost to complete a feasibility study is \$300,000 and this cost could be shared between the City of Wilmington, Wilmington Urban Area Metropolitan Planning Organization and North Carolina Department of Transportation; and

**WHEREAS**, the current proposal is for a cost-share with each entity contributing \$100,000 toward the completion of this feasibility study.

**NOW, THEREFORE**, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby supports that allocation of Unified Planning Work Program funds in the amount of \$100,000 for the completion of a feasibility study to evaluate the relocation of the existing rail line from through the heart of the City of Wilmington, to provide improved access to the Port of Wilmington and to recommend alternative transportation uses for the existing rail line.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary





N Front St

N 3rd St

Market St



Salvation Army Property



# Scientific Park Extension Location



MARTIN LUTHER KING JR PKY

KORNEGAY AVE


26TH ST


SCIENTIFIC PARK DR


23RD ST

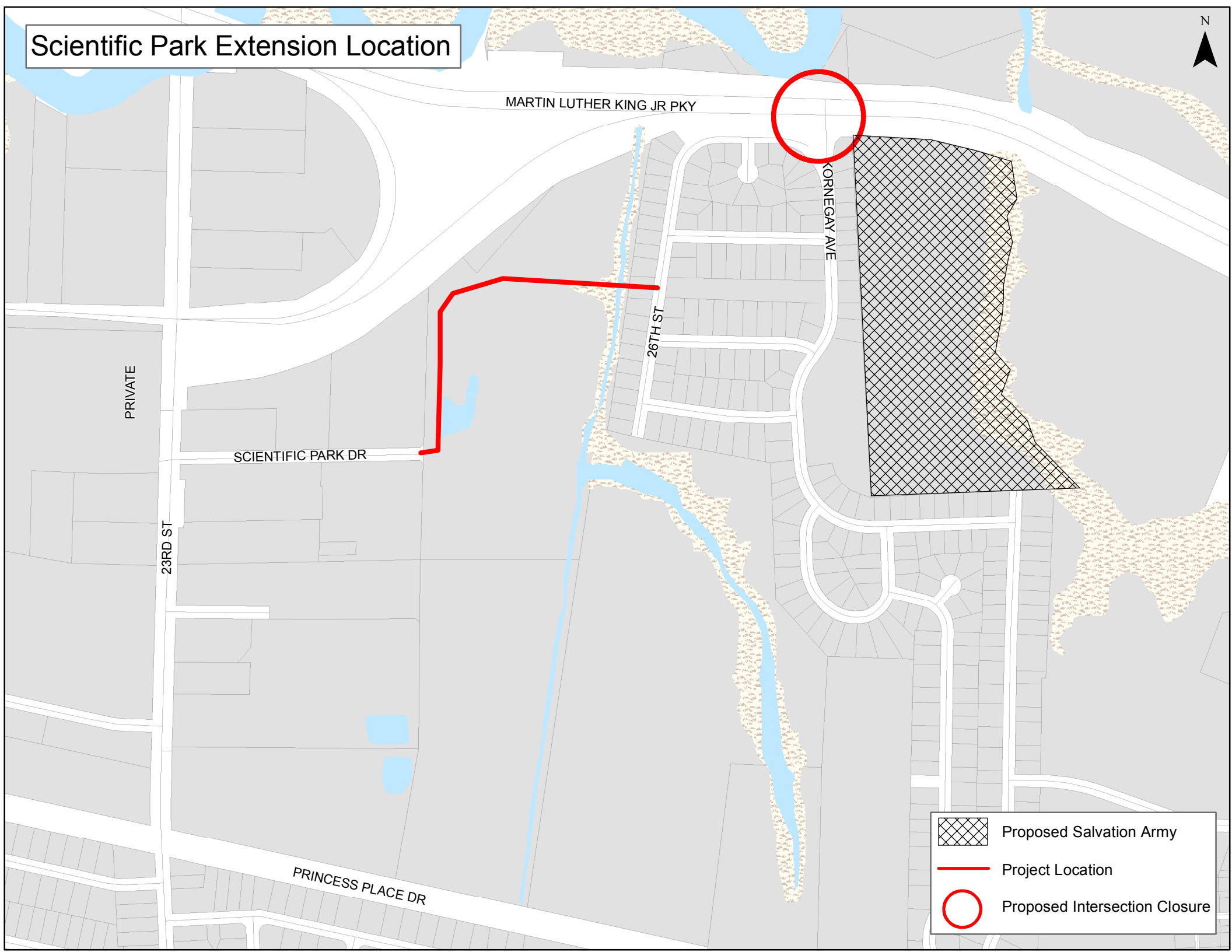
PRIVATE

PRINCESS PLACE DR

 Proposed Salvation Army

 Project Location

 Proposed Intersection Closure



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

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF  
TRANSPORTATION AND/OR NORTH CAROLINA GENERAL ASSEMBLY PROVIDE  
FUNDING FOR THE SCIENTIFIC PARK DRIVE EXTENSION PROJECT**

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

**WHEREAS**, the Salvation Army currently resides on a 1.88 acre parcel in the City of Wilmington's Central Business District; and

**WHEREAS**, the Salvation Army desires to increase programming and have identified a 22 acre site to relocate to 1220 North 30th Street in Wilmington; and

**WHEREAS**, on this site, the Salvation Army proposes to construct a 30,000 square foot Social Services and Administration Complex as well as a Center of Hope to house families, women and men and a 20,000 square foot Worship and Education Center that will include a gymnasium, various athletic fields and recreational facilities; and

**WHEREAS**, this proposed relocation would make available the Salvation Army's current property in downtown Wilmington for future economic development purposes; and

**WHEREAS**, the capital investment planned by the Salvation Army on the proposed site on North 30th Street is \$10 million and their current property could be developed with capital investments anticipated to range between \$17 million and \$26.6 million; and

**WHEREAS**, the Salvation Army's proposed relocation and the re-development of the current site could create approximately 70-90 new jobs; and

**WHEREAS**, in an effort to make the Salvation Army relocation possible and provide safer access to the property at North 30th Street, the Salvation Army requested the City of Wilmington and North Carolina Department of Transportation (NCDOT) expedite the plans to extend Scientific Park Drive from 23rd Street to Kornegay Drive; and

**WHEREAS**, the extension of Scientific Park Drive was identified as a planned urban collector street in the Wilmington Urban Area Metropolitan Planning Organization's 2030 Transportation Plan; and

**WHEREAS**, due to its proximity to Independence Boulevard Extension, Scientific Park Drive Extension was incorporated into the Independence Boulevard Extension project; and

**WHEREAS**, Scientific Park Drive Extension will provide safer access to the proposed Salvation Army site, North Creekwood and Creekwood communities; and

**WHEREAS**, the construction of Scientific Park Drive Extension will improve safety on the Martin Luther King, Jr. Parkway by permitting the closure of the intersection of Kornegay Drive with the Martin Luther King, Jr. Parkway; and

**WHEREAS**, this closure will further the goal of making the Martin Luther King Jr. Parkway a fully controlled access facility; and

**WHEREAS**, the estimated cost to construct Scientific Park Drive extension is \$3.4 million; and

**WHEREAS**, the current proposal is for the City and NCDOT to cost-share in the construction with each entity contributing \$1.7 million; and

**WHEREAS**, since this project is not funded in the adopted 2016-2025 State Transportation Improvement Program, funding will need to be identified by the North Carolina Department of Transportation and/or North Carolina General Assembly; and

**WHEREAS**, the construction of Scientific Park Drive extension has a number of benefits to include improved safety, providing access and enhancing economic develop in the City of Wilmington by producing additional capital investment, generating additional tax benefits and creating jobs in the State of North Carolina.

**NOW, THEREFORE**, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby requests the North Carolina Department of Transportation and/or North Carolina General Assembly provide funding for the Scientific Park Drive Extension project.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

---

Mike Kozlosky, Secretary



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

**RESOLUTION REQUESTING NCDOT TO STUDY THE I-74/US-74 CORRIDOR  
IN BRUNSWICK AND COLUMBUS COUNTIES**

**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 US-74/I-74 corridor is identified as Corridor “H/U” in NCDOT’s Strategic Transportation Corridors Network, the core network of multimodal transportation corridors moving large volumes of people and freight throughout the state and connecting centers of economic activity considered to be of statewide and regional significance; and

**WHEREAS**, Governor McCrory’s *25-Year Vision for North Carolina: Mapping Our Future* identifies the improvement of US-74 to interstate standards from Charlotte to Wilmington as a needed infrastructure solution; and

**WHEREAS**, Governor Easley’s Logistics Task Force Final Report recommended upgrading I-74 from Charlotte to Wilmington, including: (1) Upgrade all of US 74/76 to interstate standard; (2) Completion of the Monroe Bypass; (3) Reroute I-74 design (from the Green Swamp route) to connect to the I-140 bypass; and (4) US 74/76 short-term improvements (right of way/access management/grade separations); and

**WHEREAS**, the North Carolina Maritime Strategy identifies the US-74 corridor as a key route to enhance freight mobility for waterborne truck freight; and

**WHEREAS**, the NCDOT 2040 Plan identifies the upgrade of I-74 from Wilmington to Charlotte as a transportation priority for the Port of Wilmington; and

**WHEREAS**, the Cape Fear RPO Rural Transportation Advisory Committee and the Wilmington MPO Transportation Advisory each adopted resolutions encouraging the construction of I-74 to the Wilmington Bypass (I-140).

**NOW, THEREFORE**, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization’s Transportation Advisory Committee hereby requests NCDOT conduct a corridor study of the I-74/US-74 corridor in Brunswick and Columbus Counties.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on August 26, 2015.

---

Laura Padgett, Chair  
Transportation Advisory Committee

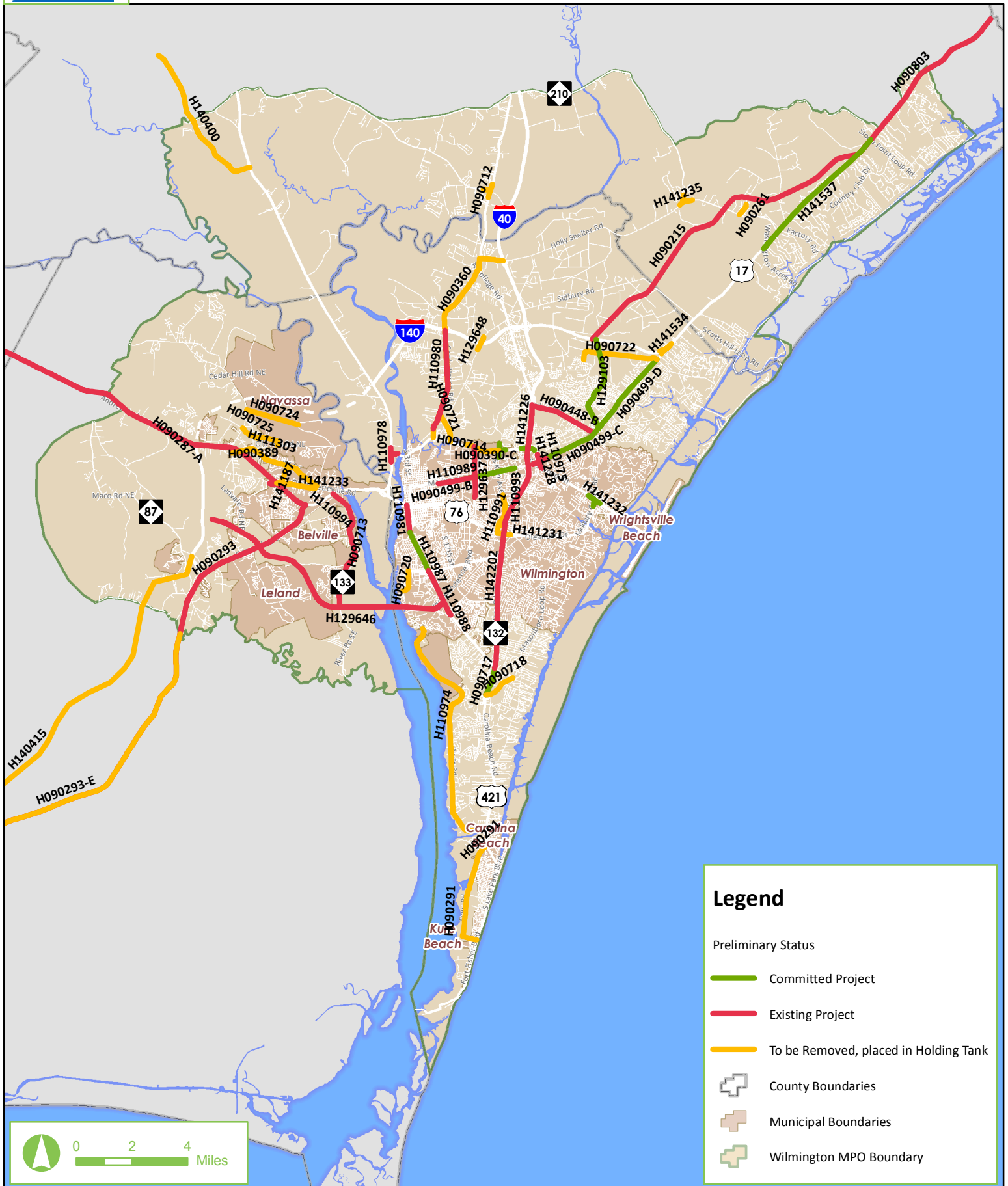
---

Mike Kozlosky, Secretary



## P 3.0 Preliminary Project Status in P 4.0

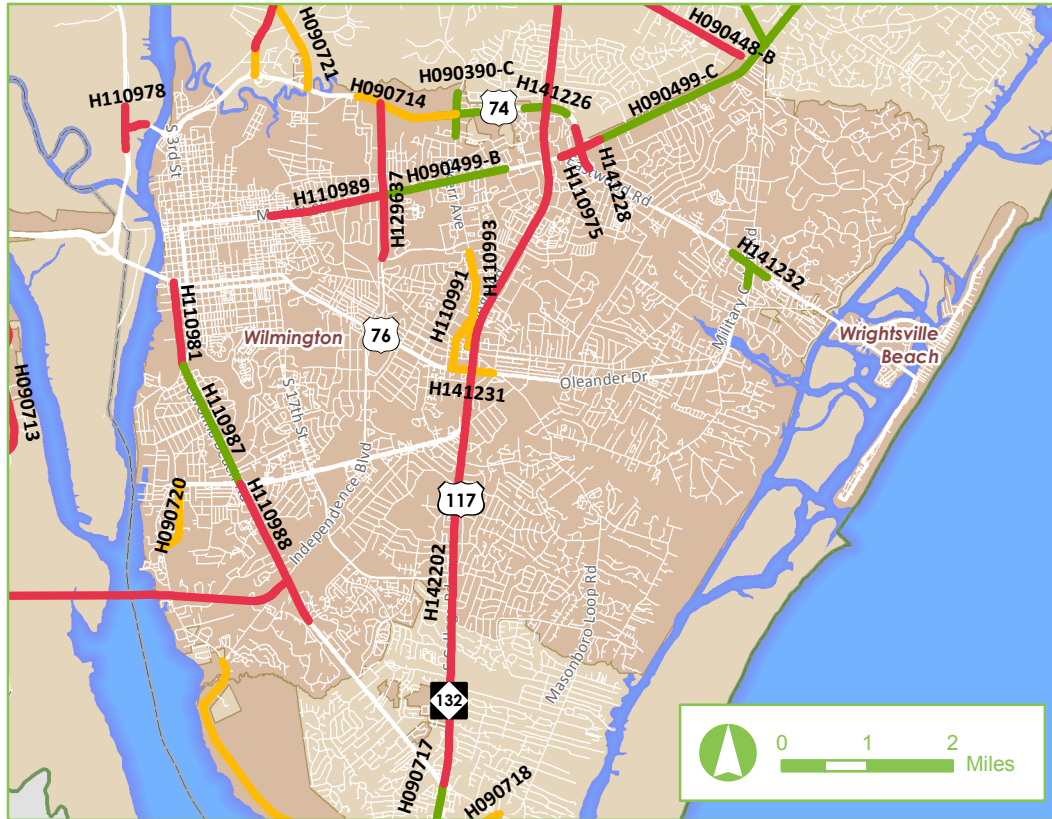
NOTE: This map was created for the 7/22/15 WMPO TAC Meeting for reference purposes only and may not depict final list of P 4.0 submittals. Submittals will not be finalized until October 2015.





## P 3.0 Preliminary Project Status in P 4.0

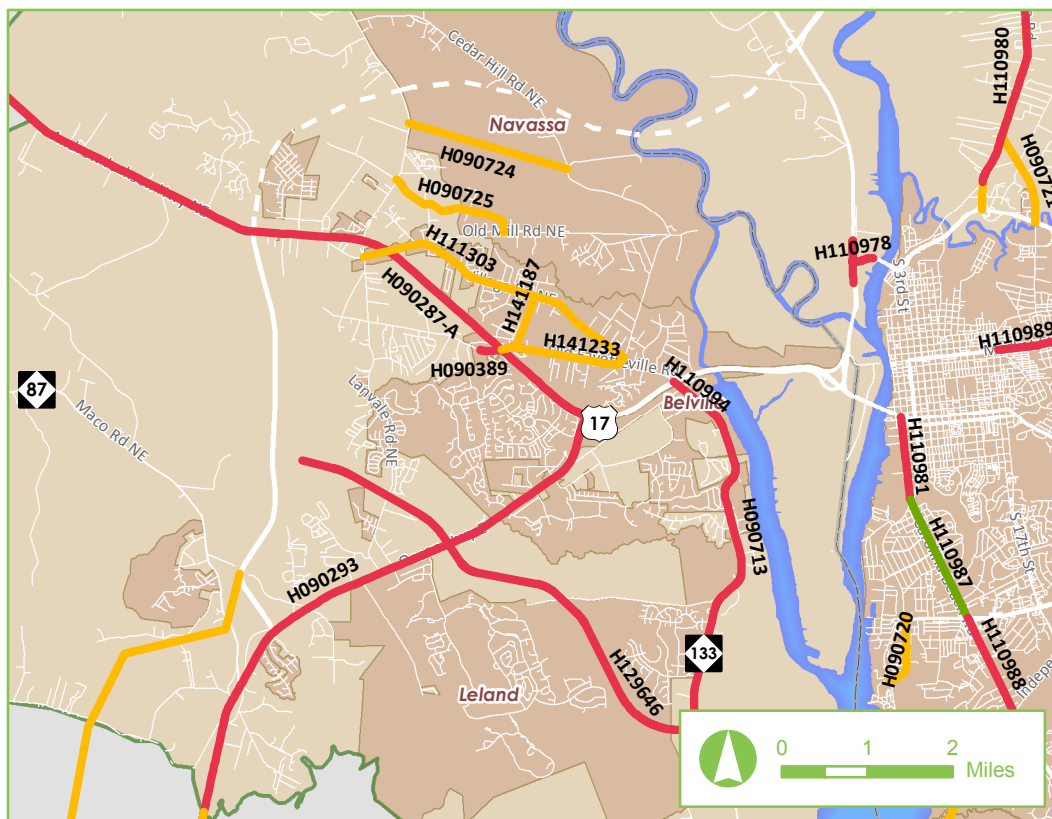
NOTE: This map was created for the 7/22/15 WMPO TAC Meeting for reference purposes only and may not depict final list of P 4.0 submittals. Submittals will not be finalized until October 2015.



### Wilmington

#### Preliminary Status

- Committed Project
- Existing Project
- To be Removed, placed in Holding Tank
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary



### Leland, Belville, & Navassa

#### Preliminary Status

- Committed Project
- Existing Project
- To be Removed, placed in Holding Tank
- County Boundaries
- Municipal Boundaries
- Wilmington MPO Boundary



## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

### MEMORANDUM

**TO:** TAC Members

**FROM:** Suraiya Rashid, Senior Transportation Planner

**DATE:** August 26, 2015

**SUBJECT:** **WMPO Prioritization 4.0 "Deletion" of Existing Projects**

#### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

The North Carolina Department of Transportation (NCDOT) Strategic Prioritization Office of Transportation (SPOT) released a request on June 25, 2015 that each MPO/RPO and Division provide a list of Prioritization 4.0 (P 4.0) Existing Projects that are desired for "deletion" for the purposes of exchanging for a new submittal during the submittal process in October 2015. A deadline for these deletions is October 1, 2015. The Wilmington MPO will receive an additional submittal allocation during the October submittal timeframe for each project that the Wilmington MPO agrees to delete.

Please see the following spreadsheet for the full list of pertinent P 4.0 Existing Projects eligible for deletion.

P 4.0 Existing Projects - 8/26/15

SPOT ID	MTP ID	Name	From	To	Notes
B141307	BP-4	US76/Wooster Street Sidewalk	5th Avenue	US76/Oleander Drive	
B141237	BP-3	NC132 N College Road Multi-Use Path	SR2208 (New Town Drive)	Danny Pence Drive	
H090215	R-38	Hampstead Bypass	Porters Neck Road	Sloop Point Road	
H090287-A	R-41	US74 Upgrade to Interstate Standards	Whiteville	I-140/Wilmington Bypass	
H090293	R-101	US 17 Access Management	South Carolina State Line	US74/76/Andrew Jackson Highway	RPO Project
H090389	R-44	Old Fayetteville Road Interchange	Old Fayetteville Road	US74/76/Andrew Jackson Highway	
H090448-B	R-6	Gordon Road Widening	NC 132 Interchange	US 17BUS/Market Street	
H090713	R-53	NC 133/River Road Widening	US17/476	Rabon Way SE	
H090803	N/A	US 17 Safety	Sloop Point Road	NC210 (Surf City)	Project Modified
H110975	R-54	US17BUS/Market & US74/Martin Luther King	US17BUS/Market Street	US74/Martin Luther King Jr. Parkway	
H110978	R-18	Isabel Holmes Bridge Flyovers	US 17	US421	
H110980	R-4	NC-133/Castle Hayne Road Widening	I-140 Wilmington Bypass	Division Drive	Project related to H090360 (Holding Tank Project)
H110981	R-15	US421/Front Street Widening	US 76/421/ Cape Fear Memorial Bridge	US421/Burnett Boulevard	
H110988	N/A	US421/Carolina Beach Road Upgrade	US117/Shipyard Boulevard	George Anderson Drive	
H110989	R-9	US17BUS/Market Street Road Diet	17th Street	Covil Avenue	
H110994	R-70	NC 133/River Road Streetscape	US 177/476	Old River Road	
H129637	R-56	Independence Boulevard Extension	Randall Parkway	US74/Martin Luther King Jr. Parkway	
H129646	R-58	Cape Fear River Crossing	US17	US421/Carolina Beach Road	
H141228	R-54	Market Street/MLK Jr. Pkwy Flyovers	US74/Martin Luther King Jr. Parkway	US74/Eastwood Road	
H142202-A	R-5	NC 132 /College Road	Gordon Road	US 117/Shipyard Boulevard	All College Road projects combined into A & B of these projects
H142202-B	R-5	NC 132/ College Road	US 117/Shipyard Boulevard	US 421/Carolina Beach Road	All College Road projects combined into A & B of these projects
H090489*	R-7	US117/NC132/ College Road Widening	US117/Shipyard Boulevard	Wilshire Boulevard	Formerly U-5704, now all College Rd Projects combined into U-5702
H090711*	R-5	US117/NC132/ College Road Widening	Gordon Road	US421/Carolina Beach Road	Combined into U-5702

\* Projects now part of H142202 A & B





## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

### MEMORANDUM

**TO:** TAC Members

**FROM:** Mike Kozlosky, Executive Director

**DATE:** August 12, 2015

**SUBJECT:** **P 4.0 Wilmington MPO Local Input Methodology Process**

#### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

The Strategic Transportation Investments is the formula to determine how the North Carolina Department of Transportation (NCDOT), in partnership with local governments, will fund and prioritize transportation projects in the state of North Carolina. Under this formula, all modes will compete for the same funding. This means that roadway projects will compete with ferry projects which will compete with public transportation projects, etc. The Strategic Transportation Investments places projects into three categories: Statewide, Regional and Division levels. The Statewide level is based solely on data. Metropolitan Planning Organizations (MPOs), Rural Planning Organizations (RPOs) and Division Engineers will assign local input points to projects in the Regional and Division levels. MPOs and RPOs are required to develop methodology for the assignment of local input points and NCDOT must approve this methodology.

The following methodology has been developed by the Wilmington MPO for the purposes of determining transportation funding priorities for Prioritization 4.0. This methodology is intended to ensure a process that is both data-driven and responsive to local needs. The methodology has been developed to meet the requirements of Session Law 2012-84 (Senate Bill 890), which requires that MPOs and RPOs have a process including both quantitative and qualitative elements for determining project prioritization.

The MPO's participation in the Strategic Transportation Investments consists of the following steps: (1) selection of projects for consideration in the Statewide, Regional and Division levels; (2) quantitative scoring of submitted projects by SPOT; (3) develop draft qualitative scoring of projects and ranking; (4) public involvement process and (5) finalize project scoring and ranking.

Each of the three categories identified under the new Strategic Transportation Investments have their own criteria:

#### Statewide Level

- Projects of statewide significance will receive 40% of the available revenue
- The project selection process will be 100% data-driven/quantitative scoring

**Regional Level**

- Projects of regional significance will receive 30% of the available revenue based on regional population. Projects on this level compete within specific regions made up of two NCDOT Divisions. The Wilmington MPO is located in Region B.
- Data/ quantitative scoring will comprise 70% of the decision-making process and local rankings will comprise of the remaining 30%. This 30% local input will be shared 15% by the Division Engineers and 15% MPO/RPO input.

**Division Level**

- Projects that address local concerns such as safety, congestion and connectivity will receive 30% of the available revenue shared equally over NCDOT's 14 Transportation Divisions. The Wilmington MPO is located in NCDOT Division 3.
  - The department will choose projects based 50% on data and 50% on local rankings. This 50% local input will be shared 25% by the Division Engineers and 25% MPO/RPO input.

The Strategic Prioritization Office of Transportation "SPOT" will be developing quantitative scores for all projects based on the adopted methodology. Default criteria were recommended by the Prioritization 4.0 work group and agreed to by NCDOT to quantitatively score projects across all modes.

**Regional Projects Evaluation Criteria:**

Benefit-Cost 20%

Congestion 20%

Accessibility/Connectivity 10%

Safety 10%

Freight 10%

Multi-modal 0%

Local Input 30%

**Division Projects Evaluation Criteria**

Benefit-Cost 15%

Congestion 15%

Accessibility/Connectivity 5%

Safety 10%

Freight 5%

Multi-modal 0%

Local Input 50%

However, the MPOs, RPOs and the NCDOT's Division Engineers were given flexibility to develop their own highway criteria and formulas for the quantitative evaluation and project scoring in the Regional Projects and Division Projects. SPOT required that any deviation from the adopted criteria had to be unanimously approved by each MPO and RPO in the Region and/or Division by October 1, 2015. A revised set of criteria is recommended by the members of Region B and Division 3. Below please find these revised criteria:

**Regional Projects Evaluation Criteria:**

Benefit-Cost 10%

Congestion 10%

Accessibility/Connectivity 10%

Safety 25%

Freight 10%

Multi-modal 5%  
Local Input 30%

**Division Projects Evaluation Criteria**

Benefit-Cost 0%  
Congestion 10%  
Accessibility/Connectivity 5%  
Safety 15%  
Freight 10%  
Multi-modal 10%  
Local Input 50%

The aforementioned percentages and weights are used for the roadway mode only and all non-roadway projects will utilize the same criteria statewide.

**Wilmington MPO Local Input Methodology Process**

While developing the Cape Fear Transportation 2040 Transportation Plan, the Wilmington MPO's TAC utilized a prioritization process for evaluating projects identified in the plan. Projects included in Cape Fear Transportation 2040 have been prioritized for a limited amount of funding from the fiscally-constrained funding sources. The MPO used both quantitative (objective) and qualitative (subjective) information to determine which projects represented the greatest need to match available funding sources within its boundaries. Members of the general public, elected officials, subject matter experts and planning technicians within the Greater Wilmington Area submitted project proposals for 6 modes of transportation – Aviation, Bicycle and Pedestrian, Ferry and Water Transportation, Freight and Rail, Mass Transportation, and Roadways.

All projects were evaluated using goals and objects identified for each mode. A ranked list of project needs was then used as the basis for the fiscal constraint analysis determining which projects could receive a portion of the anticipated funding in this region between 2015 and 2040.

The MPO has developed an objective, matrix-based prioritization process for the review of projects submitted to SPOT for consideration in Prioritization 4.0. The MPO proposes to utilize the following as evaluating criteria in assigning the local input points: the SPOT Score, Includes Multi-modal Accommodations, Wilmington MPO's Prioritization 3.0, Consistency with Plans and Status of Project. The WMPO will use the quantitative scores from the SPOT office as part of the prioritization process as well as to guide the TAC in the assignment of local input points.

**Local Input-** The Local Input is the priority of the project as ranked by the TCC and TAC. The TAC will review and approve a final prioritized list of projects for submission to SPOT. A matrix will be used to develop the draft Local Input points. Below please find an example of this matrix:



Total	Status of Project in Development	Consistency with Plans	Wilmington MPO's Prioritization 3.0	Includes Multi-modal Accommodations	SPOT Score		
Points	Points	Points	Points	Points	Points		
						Project X	

**SPOT 3.0 Score-** The SPOT 3.0 score is the score provided by SPOT for each project. This will be translated into points.

**Includes Multi-modal Accommodations-** the project serves as or includes a multi-modal transportation component. This information will be derived from the TAC's adopted Problem Statement for the project and/or adopted Long Range Transportation Plan.

- Project includes multi-modal component- 100 points
- Project does not include multi-modal component- 0 points

**Prioritization 3.0 Points-** the amount of local input points the project received during the Prioritization 3.0. This could range from 100 to 0.

**Consistency with Plans-** This criterion is used to determine if the proposed project is in an adopted plan. Each project will be evaluated with the points assigned as follows:

- Projects included in the adopted Long Range Transportation Plan- 100 points
- Projects included in Plans adopted by the MPO- 50 points
- Projects that are adopted in plans by the member jurisdictions but not adopted by the MPO- 25 points

**Status of the Project in Development-** This criterion will identify which phase the project is in development. Each project will be evaluated with the criteria as outlined below:

- Projects that are in the right-of way acquisition or property already acquired by the State of North Carolina- 100 points

- Projects that are in the Design phase- 50 points
- Projects that are in the Planning phase- 25 points

Under this formula, all modes will compete against each other for funding. Each MPO, RPO and NCDOT Division Engineer is allowed to assign local input points that will be used by NCDOT in ranking and scoring each project. The Wilmington MPO will be able to assign up to 1,500 local input points for each (**1500 for Regional Impact and 1500 for Division Needs categories**). The maximum number of points that can be assigned to a project is 100 points. The assignment of local input points will be based on a mathematical sum of the points assigned during the Local Input Methodology Process.

Example:

Project: Project X

SPOT Score- Translated to Points	56.8 points
Includes Multi-modal Accommodations- Does include	100 points
Prioritization 3.0 Points (Prioritization 3.0 points were 50)	50 points
Project Consistency with Plans- Project is in LRTP=	100 points
Status of Project in Development- Project is in the Design phase	= 50 points
	Total 356.8 points

The top scoring projects will receive the highest number of points from the Wilmington MPO. The Local Input Methodology shall serve as a guide for the TAC to assign points to projects located within the Wilmington MPO's planning jurisdiction and the TAC will have the flexibility to assign points as the Committee desires. However deviation from the Local Input Methodology shall require the justification/rationale to be made during a public meeting of the TAC as advertised by the open meetings laws and included with the sharing of the points with the public through the public outreach effort.

The Wilmington MPO's TCC and TAC will develop a "draft" project ranking and scoring to assign points based on the aforementioned criteria. The Wilmington MPO will then conduct a public outreach effort. Following the public outreach effort, the MPO will review with the TCC and TAC any comments received during the public participation process. No additional projects will be submitted based on the public participation effort. The TAC will then adopt a Final Project Ranking and Scoring for the Wilmington MPO. This information will then be submitted to the SPOT office.

### Public Involvement Process

The Wilmington MPO adopted the most recent Public Involvement Policy on September 9, 2009. The Public Involvement Policy is an umbrella policy encompassing the plans and programs of the Wilmington MPO's transportation planning process. This policy serves as an integral part of the MPO's planning efforts. The Wilmington MPO will utilize this adopted policy to solicit comments on the "draft" Project Ranking and Scoring. These outreach efforts will include regular public input opportunities at TAC meetings, the draft project ranking and scoring will also be posted on the MPO's website and the MPO will solicit public comments. Following the closing of the public participation process, staff will review any comments received with the TCC and TAC. All public comments received and all final point assignments and any justification/rationale for point assignment which deviates from this Local Methodology will be placed on the Wilmington MPO's website at [www.wmpo.org](http://www.wmpo.org).

**Prioritization Process Schedule 2015-2016**

- TAC Reviews Existing Projects, Project Modifications and Intersection/Interchange Projects September 2015
- New Project Submittals to NCDOT October 2015
- TAC Adopts FINAL Local Input Methodology February 2016
- TAC Approves “DRAFT” = Project Ranking and Scoring April 2016
- Conduct MPO Public Input Process April 2016
- TAC Approves Final Project Ranking and Scoring May 2016
- Submit Scored Projects to NCDOT May 2016



## WILMINGTON URBAN AREA Metropolitan Planning Organization

P.O. Box 1810  
Wilmington, North Carolina 28402  
910.342.2781 910.341.7801 FAX

### MEMORANDUM

**TO:** TAC Members

**FROM:** Mike Kozlosky, Executive Director

**DATE:** August 12, 2015

**SUBJECT:** **Wilmington MPO's UPWP Call for Planning Studies/Projects**

#### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

The Unified Planning Work Program (UPWP) is a statement of work identifying the planning priorities and activities to be carried out by the Metropolitan Planning Organization within a metropolitan planning area. At a minimum, a UPWP must include a description of the planning work and resulting products, identify who will perform the work, the time frames for completing the work, the cost of the work, and the source(s) of funds. The Wilmington MPO's UPWP provides the government officials, local member jurisdictions and general public with the anticipated expenditures of the MPO on an annual basis. Additionally, the UPWP outlines the planning studies and projects anticipated to be completed by the MPO.

The North Carolina Department of Transportation (NCDOT) has outlined the below schedule for adoption of 2017 UPWPs:

- October 1, 2015- TPB provides MPO/RPO planning fund allocations for FY 17
- December 31, 2015- Draft (U)PWPs for FY 17 due
- February 28, 2016- Last day to submit adopted FY 17 UPWP from MPO/RPO

There is currently no formal process for the solicitation of planning projects/studies from the MPO to the local member jurisdictions. This is achieved in other MPOs in North Carolina through various means that include documented and un-documented processes. Based on the schedule provided by NCDOT, the Wilmington MPO presents the following process for FY 2017.

- Call for Planning Projects/Studies- the Wilmington MPO will issue an annual call for planning studies and projects to its members for possible inclusion in the following fiscal year's UPWP. This solicitation shall occur beginning on September 1<sup>st</sup> with submittals due to the MPO on September 30<sup>th</sup>. Responses shall include the name and description of the project/study, anticipated cost and any identified local funding contribution. Additionally, the MPO will prepare a list of planning studies and projects it intends to pursue.
- Drafting and approving the UPWP-Once the proposed studies and projects have been identified and submitted, the Wilmington MPO will review the proposed projects/studies and develop a draft UPWP. The draft UPWP will be reviewed and approved by the TCC and TAC based on NCDOT's aforementioned schedule.



# Cape Fear Crossing

## STIP U-4738

### Brunswick and New Hanover Counties

---

#### STATUS REPORT

#### CAPE FEAR CROSSING WORKGROUP

August 3, 2015

##### Project Description

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.

##### Current Status

The following list includes completed and ongoing tasks during the month of July:

- The project team continues to coordinate and correspond with project stakeholders.
- Functional Design Plans for the 12 detailed study alternatives (DSAs) have been submitted to NCDOT for review.
- The revised Draft Traffic Simulation Report was submitted to NCDOT for review on July 21, 2015.
- Hydraulic analysis of the DSAs is ongoing.
- The Historic Architecture Eligibility Report has been accepted by NCDOT and reviewed by the North Carolina State Historic Preservation Office (SHPO). NCDOT is currently working with SHPO to determine what resources within the project study area are eligible for listing on the National Register of Historic Places.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- The Draft Community Impact Assessment was submitted to NCDOT on July 9, 2015.
- The revised Draft Land Use Scenario Assessment was submitted to NCDOT on July 22, 2015.
- Additional natural resource surveys (wetland, streams, and protected species) are ongoing.
- The next workgroup meeting is scheduled to be held this fall.
- NCDOT is currently evaluating an additional alternative proposed by the WMPO. There are currently 12 alternatives being designed and evaluated for inclusion in the draft environmental document. If it is determined this alternative is reasonable, studies may need to be redone to include this alternative.
- The WMPO TAC agreed on April 22, 2015 to support allocation of \$100,000 of STP-DA funds for completion of the environmental document. Federal approval is anticipated prior to October 1. The Cape Fear Crossing project is programmed in the new STIP for planning and environmental studies only.

##### Contact Information

NCDOT – Charles Cox, [ccox@ndcot.gov](mailto:ccox@ndcot.gov), 919.707.6016

AECOM – Joanna Rocco, [joanna.rocco@aecom.com](mailto:joanna.rocco@aecom.com), 919.461.1434

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

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

Hotline: 1.800.233.6315

**WILMINGTON MPO**  
**TRANSPORTATION PLANNING**  
**AUGUST 2015**

**CONGESTION MANAGEMENT PROCESS**

Project Description/Scope: Comply with a Federal mandate to create and adopt a process to evaluate the region's most congested corridors through locally-defined multi-modal performance measures in an effort to suggest improvements that would alleviate traffic congestion in the region. The CMP was adopted by the TAC on December 11, 2013. Data collection procedures have been developed. A schedule for collection logistics has been drafted and data collection will continuously be monitored and updated as needed.

**Next Steps:**

- Continue data collection and monitoring of congestion

**COLLEGE ROAD UPGRADES (U-5702), (U-5704) and (U-5792)**

**Project Description/Scope:** The Strategic Transportation Investments is a new formula to determine how the North Carolina Department of Transportation (NCDOT), in partnership with local governments, will fund and prioritize transportation projects in the state of North Carolina. The Strategic Transportation Investment Formula allocates funding at the statewide, regional and division tiers. Prioritization 3.0 was the process used to determine the projects that are to be funded in the State's Transportation Improvement Program (STIP). The adopted 2016-2025 State Transportation Improvement Program includes several projects on College Road.

U-5704: Construction of an interchange at College Road and Oleander Drive

U-5702: Construction of Access Management Improvements on College Road between Gordon Road and Carolina Beach Road. The Department has several spot safety and intersection improvements that are anticipated would be completed under this project. This project may also include median modifications, access management strategies, etc. to improve traffic flow and safety on College Road. Another project that may be funded in the Statewide Mobility Category is an Upgrade of College Road between New Centre Drive and Gordon Road to include an additional through lane and an interchange at College Road and the Martin Luther King Jr. Parkway.

U-5792: Convert at-grade intersection to interchange

**Next Steps:**

- Complete Planning, Environmental Review and Design for the projects

**METROPOLITAN TRANSPORTATION PLAN**

Project Description/Scope: Update the Federally-mandated Metropolitan Transportation Plan/Long-Range Transportation Plan for the Wilmington Urban Area Metropolitan Planning Organization. Project lists were created and ranked in December 2014 and finalized by the board in February 2015. Public outreach on the draft plan occurred in March and April 2015. The public comment period for the draft plan was open from April 1 through April 30 2015 and comments were received through 7 regional open houses, through the plan's website, and through an online comment form. In May and June of 2015 a list of recommended changes to the draft plan was developed after review of public comments by CAC

and modal subcommittees. The draft plan was finalized by the Transportation Advisory Committee on July 22, 2015.

**Next Steps:**

- Adoption process to occur August 2015 to December 2015
- TAC adoption December 9, 2015

**MILITARY CUTOFF ROAD/EASTWOOD ROAD (U-5710)**

**Project Descriptions/Scope:** The adopted 2016-2025 State Transportation Improvement Program identified funding to upgrade the intersection of Military Cutoff Road/Eastwood Road to an interchange. HDR has been selected by NCDOT to complete this work.

**Next Steps:**

- The Department desires to host a small group meeting(s) with adjacent property owners/HOAs in August. A public meeting will be held later this year.

**17<sup>TH</sup> STREET STREETScape**

**Project Descriptions/Scope:** The 17<sup>th</sup> Street streetscape project will include upgrades to 17<sup>th</sup> 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 has received final approval from NCDOT.

**Next Steps:**

- Bid, Award and Construct the streetscape enhancements

**Pender County Collector Street Plan**

The Wilmington MPO and Pender County have partnered to update the Coastal Pender County Collector Street Plan and to create a collector street plan for the area that was not previously part of the MPO. The Steering Committee has been created and will hold a “kick-off” meeting in August.

**Next Steps:**

- Gather research and data
- Host the initial steering committee meeting

**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: 3 reviews
- New Hanover County Informal Plan Reviews: 2 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 1 reviews
- Town of Leland Informal Reviews: 2 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: 18 total (New Hanover County 4, City of Wilmington 10, Carolina Beach 1, Brunswick County 0, Belville 0, and Pender County 2) new 3 and ongoing 15
- Pender County Development Plan Reviews: 7 reviews
- Pender County Informal Plan Reviews: 1 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 35 (9 new, 26 on-going)
- City of Wilmington Informal Reviews: 24 ( 4 new, 20 on-going)
- City of Wilmington Concept Reviews: 7 (6 new concept reviews- 1 on-going concept)
- COW Project Releases: 5 Full releases

### **STP-DA/TAP-DA FY 2013 and 2014 Project Status**

#### **STP-DA**

#### **U-5534A - TOWN OF NAVASSA – MAIN STREET BICYCLE LANES**

**Project Descriptions/Scope:** This project will include planning, design, and construction of an additional 4 feet on either side of Main Street for bike lanes starting at the existing Navassa bike path east of Brooklyn Street to Old Mill Road. The Letter of Interest (LOI) has been advertised.

#### **Next Steps:**

- Revisions to the project need to be made to accommodate funding
- Letting is anticipated in November 2015

#### **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 funds are being authorized
- Letting date anticipated August 2015.

#### **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:**

- Right of Way funds are being authorized
- Letting anticipated September 2015

#### **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:**

- ROW documents anticipated September 2015
- Letting date is anticipated Jan 2016

**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 Greenville 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.

**Next Steps:**

- 100% design plan review anticipated in August 2015
- U-5534 E and U-5534 L – combined-Right of Way and Planning date of August 2015

**U-5534M - CAUSEWAY DRIVE, WAYNICK BLVD./N. LUMINA AVE./STONE ST.**

**Project Descriptions/Scope:** The construction of dual left turns from Waynick Blvd. to Causeway Dr., channelizing the one-way entrance to Lumina Ave. and improving lane markings, adjusting stop bar, straightening crosswalks at Waynick Blvd and installing bulb-outs at Lumina Ave./Stone St., and adding ADA compliant curb ramps at all crosswalks within the project area.

**Next Steps:**

- Project funds will be reallocated to the Coral Drive sidewalk project.
- R/W Plans complete: TBD
- Let Date: TBD

**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:**

- McKim & Creed revising man hour estimates
- PCE Submittal Complete: October 31, 2015
- Anticipated Let Date of January 26, 2016

**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:**

- McKim & Creed revising man hour estimates
- Right of Way Plans anticipated to be complete: August 30, 2015
- Anticipated Let Date: September 17, 2016

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

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

**Next Steps:**

- Right of Way Plans anticipated to be complete: September 25, 2015
- Anticipated Let Date: January 26, 2016

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

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

**Next Steps:**

- Right of Way Plans anticipated to be complete: September 25, 2015
- Let Date: January 26, 2016

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

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

**Next Steps:**

- Right of Way Plans anticipated to be complete: September 25, 2016
- Anticipated Let Date: January 26, 2016

**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:**

- NCDOT reviewing man hour estimates
- R/W plans anticipated December 2015

**TAP-DA****CITY OF WILMINGTON – MILITARY CUTOFF ROAD MULTI-USE PATH**

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

**Next Steps:**

- McKim & Creed providing surveying and design'
- R/W plans anticipated December 2015

#### **U-5527B CITY OF WILMINGTON – 5<sup>th</sup> 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
- Anticipated Let Date: September 26, 2016

#### **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:**

- Finalize preliminary easements
- Right of Way Plans anticipated to be complete: September 30, 2015
- Anticipated Let Date: January 26, 2016

#### **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<sup>th</sup>. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28<sup>th</sup> and also authorized staff to apply for a TDM grant through NCDOT that if approved would fund a full-time TDM Coordinator position. The MPO anticipates this agreement from NCDOT once the State approves a final budget.

**Next Steps:**

- Promote 2 Park & Ride Lots in Brunswick County
- Await an agreement from NCDOT on the full-time TDM Coordinator position

#### **US 17 BUSINESS CORRIDOR STUDY**

**Project Description/Scope:** In 2007 the Wilmington MPO, in cooperation with NCDOT and the City of Wilmington completed the US 17 Business Corridor Study. The Corridor Study recommended the implementation of a “road diet.” This recommendation included a requirement to construct Independence Boulevard Extension prior to implementation. Citizens have continued to request the implementation of the “road diet,” however the construction of Independence Boulevard extension is now many years off. The City of Wilmington and Wilmington MPO requested an update of this study to re-examine the feasibility of implementing the road diet without first constructing Independence Boulevard extension. The MPO has hired Parsons Brinkerhoff (PB) to develop the update of this study. PB presented the preliminary findings to the Wilmington City Council on July 21<sup>st</sup> and TAC on July 22<sup>nd</sup>.

**Next Steps:**

- Prepare the draft documentation for review by the MPO and City of Wilmington



## **Cape Fear Public Transportation Authority**

### **Project Update**

**August 2015**

- 1. Fleet replacement & conversion to CNG** - (no significant change) identifying state and federal funding opportunities to replace 19 thirty-five foot buses. Two CNG buses delivered in June 2015. Bid awarded to Gillig, LLC on June 26, 2014. Four buses scheduled for delivery in January 2016. One CNG shuttle bus scheduled for delivery in August 2015.
- 2. FTA §5310 Program** - Final Program Management Plan delivered to FTA on April 27, 2015 and approved in June 2015. Initial 5310 grant pending FTA approval.
- 3. Wilmington Multimodal Transportation Center** - Memorandum of Agreement between Authority, WMPO, City of Wilmington and NCDOT approved June 25, 2015. Currently working with WMPO on draft MOU.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

August 6, 2015

**TIP Projects:**

**R-3601 (US 17/74/76):** Widening across the “CAUSEWAY”, between Leland/Belville and the Cape Fear River. Replacing the bridges over the Brunswick River and one of the bridges over Alligator Creek.

**Estimated Contract Completion Date November 15, 2016**

**R-2633 BA – (Wilmington Bypass)** 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 1, 2017**

**R-2633 BB – (Wilmington Bypass: Bridge over Cape Fear River)** 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 April 30, 2018**

**Open to traffic on November 1, 2017**

**R-3324 – Long Beach Road Extension** 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.

**Estimated Contract Completion Date May 13, 2016**

**R-3432 – SR 1163 (Georgetown Road)** extend from SR 1184 (Ocean Isle Beach Road) to NC 179.

**Estimated Contract Completion Date May 13, 2016**

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

**Estimated Contract Completion Date September 28, 2016**

**U-3338 B:** Widening of Kerr Ave. from Randall Parkway to Martin Luther King, Jr. Parkway.

**Let Date August 18, 2015**

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

**Let Date September 20, 2016**

**B-4929: Bridge @ Surf City NC 50/210** - replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure.

**Let Date February 21, 2017**

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

**Let Date October 17, 2017**

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

**Let Date March 20, 2018**

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

**Let Date October 16, 2018**

**R-5701:** construct a roundabout at the intersection of US 117 Business, Walker Street & Wilmington Street

**Let Date January 2020 (Division Letting)**

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

**Let Date January 2020**

**B-5156:** replace bridge #28 over Long Creek on NC 210

**Let Date October 15, 2020**

**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

**Construction 2020**

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

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

**Construction 2021**

**U-5792: NC 132 (College Road)** from SR 1272 (New Center Drive) to SR 2048 (Gordon Road) widen to multi-lanes and upgrade at-grade intersection at College & Martin Luther King Parkway to an interchange

**Construction 2022**

**U-5710: US 74 (Eastwood Road)** upgrade at-grade intersection at Eastwood Road & Military Cutoff Road to an interchange

**Construction 2022**

**B-5644:** replace bridge #15 over Sill's Creek on NC 11

**Construction 2022**

**U-3831: SR 2048 (Gordon Road)** widen Gordon Road from NC 132 (College Road) to US 17 Business (Market Street), widen to multi-lanes

**Construction 2024**

**W-5306 Castle Hayne Roundabout:** construct a roundabout at the intersection of US 117, NC 132 & NC 133.

**Estimated Contract Completion Date January 18, 2016**

**Greenfield Lake Culvert:** replace the large culvert under 3<sup>rd</sup> Street and US 421 Truck/Front Street...Utility relocation work will begin late 2013 and finish prior to let date

**November 2015**



## Open to Traffic

## **Resurfacing Contracts:**

**Resurfacing Contract:** C-203480 3CR.10101.150, 3CR.20101.150, 3CR.10651.150, 3CR.20651.150 & 3CR.10711.150 Barnhill Contracting

### **Brunswick County primary routes:**

**US 17 Business** – mill & resurface from US 17 (south end of US 17 Bus.) to US 17 (@ nose of concrete island)...Bolivia area

**US 17 Bypass (Southbound lanes)** – patch, mill & resurface from 0.17 miles north of SR 1401 (Galloway Road) to 0.09 miles south of SR 1401

### **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)

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

**US 421 (Carolina Beach Road)** – from 0.26 miles south of Independence Blvd. (non-system portion) to west of Lake Shore Drive (non-system)

**US 117 Northbound Lanes (Shipyard Blvd)** – from US 421 to 0.05 miles east of US 421 (Carolina Beach Road)

**US 117 Southbound Lanes (Shipyard Blvd)** – from 0.20 miles east of US 421 to US 421 (Carolina Beach Road)

**US 421 Southbound Lanes (South 3<sup>rd</sup> Street)** – from US 76 (Dawson Street) to Greenfield Street (non-system)

**US 421 Northbound Lanes (South 3<sup>rd</sup> Street)** – from Greenfield Street (non-system) to US 76 (Dawson Street)

**US 17 Business (South 3<sup>rd</sup> Street)** – from US 76 eastbound lanes to US 76 westbound lanes

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

**SR 1218 (16<sup>th</sup> Street)** – from US 76 westbound lanes (Wooster Street) to US 76 eastbound lanes (Dawson Street)

**SR 1371 (16th St.)** - from Grace Street (non-system) to US 17 Business (Market Street)

**SR 2816 (16th St.)** - from US 17 Business (Market Street) to US 76 westbound lanes (Wooster Street)

**SR 1301 (17<sup>th</sup> Street)** - from US 17 Business (Market Street) to Grace Street (non-system)

**SR 2817 (17th Street)** - from US 76 eastbound lanes (Dawson Street) to US 17 Business (Market Street)

**SR 1411 (Wrightsville Avenue)** - from Dawson Street Extension (non-system) to SR 1209 (Independence Blvd.)

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

**SR 2699 (Amsterdam Way)** - from SR 2700 (Old Dairy Rd.) to SR 2048 (Gordon Rd.)

**SR 2701 (Antilles Ct.)** - from SR 2698 (Netherlands Dr.) to end maintenance

**SR 2698 (Netherlands Dr.)** - from SR 2048 (Gordon Rd.) to SR 2700 (Old Dairy Rd.)

**SR 2700 (Old Dairy Rd.)** - from US 17 Bus. (Market St.) to SR 2699 (Amsterdam Way)

**SR 2220 (Windmill Way)** - from SR 2219 (N. Green Meadows Dr.) to SR 2700 (Old Dairy Rd.)

**SR 2183 (Spring Rd)** - from NC 133 (Castle Hayne Rd.) to SR 2184 (Fairfield Rd.)

**SR 2184 (Fairfield Rd.)** - from SR 2183 (Spring Rd) to SR 1318 (Blue Clay Rd)

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

**SR 1940 (Covil Farm Rd)** - from SR 1409 (Military Cut-Off Rd) to SR 1916 ( Red Cedar Rd)

**SR 2717 (Torchwood Blvd.)** - from US 17 Bus. (Market St.) to SR 2718 (Beacon Dr.)

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

**Pender County primary routes:**

**US 117** - mill & resurface from 0.30 miles north of NC 210 to 0.026 miles north of

US 117 Business

**NC 11/53** - mill & resurface from begin curb & gutter @ western city limits of Town of Atkinson to end curb & gutter @ the eastern city limits.

**NC 53** - Patch ONLY from I-40 to US 117 (Town of Burgaw).

**Estimated Contract Completion Date Fall 2015**

**Resurfacing Contract: DC-00090 3CR.10101.165**

**Brunswick County:**

NC 211 – mill & resurface from NC 87 to end of system at Fort Fisher Ferry Terminal.

**Estimated Contract Completion Date November 2015**

**Resurfacing Contract: DC-00091 3CR.10711.165**

**Pender County:**

NC 53 – resurface from US 117 to I-40.

NC 210 – mill & resurface from NC 210/NC 50 (in Town of Surf City) to Onslow County line.

**Estimated Contract Completion Date October 2015**

**Resurfacing Contract: C203839 3CR.10651.170**

**New Hanover County:**

US 117 – milling & resurfacing from I-40 to bridge at Market Street

US 74 – milling & resurfacing from Kornegay Avenue to Cardinal Drive

**Estimated Contract Completion Date September 2015**

**Resurfacing Contract: C203630 WBS #46176.3.FS1**

**New Hanover & Pender Counties:**

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)

**Availability Date March 30, 2015**

**Estimated Contract Completion Date September 2016**

**Resurfacing Contract: DC-00103 3CR.20711.173**

**Pender County:**

SR 1104 (Canetuck Road) from SR 1103 (Heading Bluff Road) to SR 1103 (Heading Bluff Road) other end of loop.

SR 1103 (Heading Bluff Road) from SR 1104 (Canetuck Road) to end of system

SR 1336 (Horse Branch Road) from SR 1319 (Pelham Road) to SR 1209 (Shiloh Road)

SR 1407 (Scott Road) from NC 210 to SR 1400 (Highsmith Road)

SR 1510 (East Wilmington Street) from US 117 to NC 53

SR 1349 (Johnston Avenue) from US 117 to NC 11

**Estimated Contract Completion Date August 2015**

**Resurfacing Contract: 3CR.10651.174 & 3CR.20651.174 & 3SP.20655.003**

**New Hanover County:**

- US 421 (Fort Fisher Blvd) milling & resurfacing from “E” Ave to end of system
- SR 1402 (Porter’s Neck Road) milling & resurfacing from back of shopping center to SR 1401 (Bald Eagle Lane)
- SR 1565 (Jasmine Cove Way) resurfacing from NC 132 (South College Road) to end of system
- SR 2578 (Wood Ridge Road) resurfacing from SR 1704 (Hidden Valley Road) to SR 2573 (Woods Edge Road)
- SR 2589 (Turtle Dove Court) resurfacing from SR 1565 (Jasmine Cove Way) to end of system
- SR 2590 (Song Sparrow Court) resurfacing from SR 1565 (Jasmine Cove Way) to end of system
- SR 2591 (White Ibis Court) resurfacing from SR 1565 (Jasmine Cove Way) to end of system

**Estimated Contract Completion Date October 2015**

**Resurfacing Contract: 2016CPT.03.01.10711.1 & 2016CPT.03.01.20711.1**

**Pender County:**

- US 117 Bypass milling & resurfacing from southern city limits of Burgaw to SR 1504 (Murphy Road).
- NC 53 milling & resurfacing from US 117 Bypass to US 117 Business
- SR 1104 (Canetuck Road) resurfacing from bridge #20 over Lyon Creek to Bladen County line
- SR 1301 (Bay Road) resurfacing from SR 1300 (Englishtown Road) to SR 1001 (Willard Road)
- SR 1411 (Old River Road) resurfacing from US 117 to SR 1412 (New Road)

**Let Date August 2015**

**Resurfacing Contract: 2016CPT.03.07.20651**

**New Hanover County:**

- SR 1335 (Parmele Road)** resurfacing from NC 133 (Castle Hayne Road) to US 117/NC 132 (North College Road)
- SR 1276 (Cathay Road)** resurfacing from US 421 (Carolina Beach Road) to SR 1281 (Ventura Drive)
- SR 1524 (Golden Road)** resurfacing from US 421 (Carolina Beach Road) to SR 1492 (Myrtle Grove Road)
- SR 1544 (Friendly Lane)** resurfacing from SR 1492 (Masonboro Loop Road) to end of system
- SR 1616 (Pelican Point)** resurfacing from SR 1492 (Masonboro Loop Road) to end of system
- SR 1386 (Hall Drive)** resurfacing from SR 1318 (Blue Clay Road) to SR 1312 (Trask Drive)
- SR 1311 (Gardner Drive)** resurfacing from SR 1312 (Trask Drive) to SR 1312 (Trask Drive)
- SR 1312 (Trask Drive)** resurfacing from SR 1311 (Gardner Drive) to SR 1311 (Gardner Drive)
- State Port Roadway resurfacing**

**Let Date August 2015**

**Resurfacing Contract: 2016CPT.03.08.10101 & 2016CPT.03.08.20101**

**Brunswick County:**

- NC 87/NC 133 (River Road)** resurfacing from project limits of R-3324 (Long Beach Road Extension) to SR 1526 (Jabbertown Road)
- SR 1100 (Caswell Beach Road)** milling & resurfacing from SR 1190 (Oak Island Drive) to end of system
- SR 1101 (Fish Factory Road)** resurfacing from NC 133 (Long Beach Road) to end of system
- SR 1194 (West Street)** resurfacing from NC 211 to end of system, in Southport
- SR 1209 (9<sup>th</sup> Street)** resurfacing from NC 211 to end of system, in Southport
- SR 1210 (Old Bridge Road)** resurfacing from NC 133 (Long Beach Road) to end of system
- SR 1526 (Jabbertown Road)** resurfacing from NC 87 to SR 1527 (Leonard Street), in Southport
- SR 1528 (Moore Street)** resurfacing from NC 211 to end of system, in Southport

**Let Date August 2015**

If you have any questions, please contact Patrick Riddle at the Division 3 Office:

[priddle@ncdot.gov](mailto:priddle@ncdot.gov)