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

Transportation Advisory Committee Meeting Agenda

TO: Transportation Advisory Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: May 20, 2016
SUBJECT: May 25th meeting

A meeting of the Wilmington Urban Area MPO Transportation Advisory Committee will be held on Wednesday, May 25th at 3 pm. The meeting will be held in the **6th Floor Conference Room at 320 Chestnut Street** in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Conflict of Interest Statement
- 3) Approval of the Agenda
- 4) Approval of Minutes:
 - a. 4/27/16
- 5) Public Comment Period
- 6) Consent Agenda
 - a. Resolution approving the STIP/MTIP Amendments (February)
 - b. Opening of the 30-day public comment period for STIP/MTIP Amendments (May)
 - c. Resolution authorizing the Executive Director to enter into an agreement for use of I-95 Corridor Coalition Traffic Flow Data Program
- 7) Regular Agenda
 - a. Opening of a 30-day public comment period for the Regional Local Input Point Assignment
 - b. Resolution requesting the North Carolina Department of Transportation consider the installation of a crosswalk on North College Road near Laney High School
- 8) Discussion
 - a. Strategic Business Plan Development
 - b. STIP/MTIP Modifications (May)
 - c. Cape Fear Public Transportation Funding
- 9) Updates
 - a. Crossing over the Cape Fear River
 - b. Wilmington MPO
 - c. Rail Re-alignment Task Force

Wilmington Urban Area Metropolitan Planning Organization

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

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- d. Cape Fear Public Transportation Authority
 - e. NCDOT Division
 - f. NCDOT Transportation Planning Branch
- 10) Announcements
- a. WMPO Bike/Ped Committee Meeting- May 26th
 - b. WMPO Bike/Ped Committee Meeting- June 23rd
- 11) Next meeting –June 29, 2016

Attachments:

- Minutes 4/27/16 meeting
- MTIP/STIP Amendments (February)
- Resolution approving the STIP/MTIP Amendments (February)
- STIP/MTIP Amendments (May)
- I-95 Corridor Coalition Traffic Flow Program Data Agreement
- Resolution authorizing the Executive Director to enter into an agreement for the I-95 Corridor Coalition Traffic Flow Data Program
- Preliminary Regional Local Input Point Assignment
- Resolution requesting the North Carolina Department of Transportation consider the installation of a crosswalk on North College Road near Laney High School
- Newspaper Exercise Responses
- STIP/MTIP Modifications (May)
- Cape Fear River Crossing Update (May)
- Wilmington MPO Project Update (May)
- Cape Fear Public Transportation Authority Update (May)
- NCDOT Project Update (May)

Meeting Minutes
Wilmington Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Date: April 27, 2016

Members Present:

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

Staff Present:

Mike Kozlosky, Executive Director

1. Call to Order

Mr. Doetsch called the meeting to order at 3:05pm.

2. Conflict of Interest Reminder

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

3. Approval of Minutes

The minutes for the March 30, 2016 meeting were approved unanimously.

4. Public Comment Period

No one wished to speak during the Public Comment Period.

5. Presentations

a. Wilmington Urban Area MPO Website Update, Brittany Strait, WMPO

Ms. Strait gave a presentation on WMPO website update. A brief question and answer period followed the presentation.

b. Cape Fear Regional Bike Plan, Allen Serkin, CFRTPO

Mr. Serkin gave a presentation on the Cape Fear Regional Bike Plan. A brief question and answer period followed the presentation.

c. STI Prioritization Process, Suraiya Motsinger, WMPO

Ms. Motsinger gave a presentation on the STI Prioritization Process. A brief question and answer period followed the presentation.

6. Consent Agenda

- a. **Resolution authorizing the Executive Director to enter into an agreement with the City of Wilmington and North Carolina Department of Transportation for the Rail Re-alignment Feasibility Study**
- b. **Resolution to dissolve the Citizen Advisory Committee**
- c. **Opening of the 30-day public comment period for STIP/MTIP Amendments (April)**

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

7. Regular Agenda

- a. **Resolution amending the Wilmington Urban Area MPO Bylaws**

Mr. Kozlosky told members that at the last meeting members discussed an amendment to the Bylaws to allow members to remove items from the agenda. Members also discussed adding items to the agenda and the requirement for a super-majority to vote to add an item to the agenda. He said staff reviewed the bylaws and included a recommendation for the process to add/remove an agenda item within the bylaws by vote of a super-majority.

He noted that staff also recommended a change to the Officers. In the previous version of the bylaws, it indicated that a member of the City of Wilmington Development Services would serve as secretary. That has been changed to the Wilmington Urban Area Metropolitan Planning Organization.

The third item discussed at the last meeting was attendance. Mr. Kozlosky said staff is recommending language stating "...for members not attending three consecutive TAC meetings, the Chairman will send a letter to the chief-elected officer of the jurisdiction of that member in question indicating the number of absences and requesting re-affirmation or re-designation of the jurisdiction representative". Mr. Kozlosky told member that staff reviewed a number of bylaws from other MPOs and that attendance was required in some, but not all.

Mr. Piepmeyer made the motion to amend the Wilmington Urban Area MPO Bylaws. Ms. Batleman seconded the motion and it carried unanimously.

- b. **Resolution adopting the Wilmington Urban Area MPO's Mission Statement**

Mr. Kozlosky told members that during the Strategic Planning Retreat there was discussion about updating the WMPO's mission statement. He said staff created an updated statement that better identifies the organization's mission. The new mission statement is: *Create and execute continuing, cooperative and comprehensive regional long-range planning efforts that pro-actively drive transportation decisions to improve safety, connectivity, economic development and quality of life in the Wilmington region.*

Ms. Batleman made the motion to adopt the Wilmington Urban Area MPO's Mission Statement. Mr. Williams seconded the motion and it carried unanimously.

c. Resolution Supporting the Cape Fear Public Transportation Authority's Pursuit of Federal Funding for the Replacement of 12 Buses

Mr. Kozlosky told members that the Cape Fear Public Transportation Authority (CFPTA) is seeking a Federal grant to replace 12 of the buses in their existing fleet. The buses are around 13 years old and they have exceeded 500,000 miles of service. Mr. Kozlosky said CFPTA is seeking resolutions supporting their efforts to securing grant funding through the Bus and Bus Facilities Discretionary Program and Low or No Emissions Program.

Mr. Williams made the motion to support the CFPTA's pursuit of Federal funding for the replacement of 12 Buses. Ms. Batleman seconded the motion and it carried unanimously.

9. Discussion

a. Prioritization 4.0 and Draft Local Input Point Assignment

Ms. Rashid told members that staff developed a spreadsheet based on the local input methodology for use in the Regional point assignment process. It serves as a guide as to how members can use our Regional input points. She explained that the spreadsheet contains suggestions as to how many local input points would be allocated to each project. She noted that most of the "top" projects receive a total of 100 points. She told members staff will bring this back to the Board at the May meeting to open the Public Comment Period. Staff will ask the Board to consider adoption of the Local Input Point allocation for the Regional Tier at the June meeting based on consideration of any public input received during that time.

A question/answer period followed.

b. Meeting Space/Location

Mr. Kozlosky told members that staff received permission from New Hanover County to hold meetings in the 6th Floor Conference Room at 320 Chestnut Street. Consensus of the Board was to hold meetings at the location going forward.

c. Organizational Improvements

Mr. Kozlosky told members that based on the information provided during the SWOT analysis and discussions held during the Board's retreat in March, staff identified a number of areas to improve internally. The list include:

- | | |
|--|--|
| ▪ Branding | ▪ Data Management |
| ▪ Mission Statement | ▪ Website design |
| ▪ Prioritization | ▪ Site development |
| ▪ Space/Location | ▪ Too Wilmington centric |
| ▪ On-Boarding – one on one | ▪ Public Information and outreach |
| ▪ Improve an understanding of Industry/Freight | ▪ Developing values/goals – projects/infrastructure |
| ▪ Better understand Leland and Brunswick County | ▪ Create consistent criteria for STP-DA and TAP-DA funding |
| ▪ More time to review information and provide input by TAC members | ▪ Coordination with NCDOT, WAVE and development community |
| ▪ Improve understanding of MPO processes, funding and better educate the members | |

Mr. Kozlosky reviewed the list. A brief discussion follow.

Mr. Williams told members he would like to know about how other MPOs around the state are structured in relation to their hosting entity. Mr. Kozlosky told members that staff will bring that information back to the Board at a later meeting.

Ms. Batleman invited members of the Board to meet at the new town hall in Leland.

d. PEST Analysis Exercise

Mr. Kozlosky said at the March retreat, members participated in an exercise in which members suggested newspaper headlines that would indicate how the Wilmington region will become a great community over the course of the next 10 years. Staff compiled the list of headlines from that meeting and sent the list to members for priority scoring. Members were asked to score the headline list by importance in preparation for a PEST analysis exercise. He told members that he invited Mr. Scott Rosthauser to help facilitate the PEST analysis. Following the discussions, the next step will be to select the top-4 or 5 initiatives at the June meeting for inclusion in the Strategic Business Plan.

Mr. Rosthauser told members that PEST Analysis stands for Political, Economic, Social and Technological considerations and challenges. He asked members for their initial thoughts regarding the headline results. Mr. Rosthauser suggested narrowing the list of 33 headlines to 7, then doing the PEST analysis and bring it down to 5.

Ms. Batleman told members she listened to the audio recording from the retreat and it didn't seem like there was any focus on the economics of how to finance what we know we need. She noted that members need to be creative and figure out how to create mechanisms in order to fund what it is that we know we need and want. That's what we've missed so far in our strategic planning efforts.

Mr. Anderson said there was some conversation about how maybe we want/need to change the way we approached it from a financial standpoint. He noted that this exercise was a pie-in-the-sky exercise. It was not finance oriented.

Mr. Kozlosky said he thought Ms. Batleman brought up good points about if we're going to try to do this, we need to get a group together and really push it. If we're going to make change, it's going to take a holistic regional effort and we will need to work closely with our legislative delegation in order to do that. We have a number of transportation needs and large projects are not going to be funded through the STI.

Mr. Doetsch noted that many of the headlines are not transportation related. Mr. Williams agreed. Ms. Swearingen suggested going through the list and taking out non-transportation related items. Consensus of the Board was that staff would review the list and remove all non-transportation items and send the revised list to members for consideration.

9. Updates

Project updates for the Crossing over the Cape Fear River Work Group, Wilmington MPO, Rail Re-alignment Task Force, CFPTA. NCDOT Division and NCDOT Planning Branch are included in the agenda packet.

Ms. Batleman told members that the Rail Re-alignment Task Force selected to firm of Moffatt & Nichol to complete the feasibility study.

10. Adjournment

With no further business, the meeting was adjourned at 4:44pm

Respectfully submitted

Mike Kozlosky

Executive Director

Wilmington Urban Area Metropolitan Planning Organization

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

Proposed Revisions to 2016-2025 STIP/MTIP Program

STIP/MTIP Amendments (February)

* W -5700 STATEWIDE	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. <u>NEW PROJECT PROGRAMMED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION -STI CATEGORY PROGRAMMING</u> <u>SHOW N BELOW .</u>		
* W -5700DIV STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. <u>NEW PROJECT PROGRAMMED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION - DIVISION NEEDS CATEGORY.</u>	CONSTRUCTION	FY 2016 - \$600,000 (HSIP) FY 2017 - \$450,000 (HSIP) FY 2018 - \$450,000 (HSIP) FY 2019 - \$450,000 (HSIP) FY 2020 - \$450,000 (HSIP) FY 2021 - <u>\$450,000 (HSIP)</u> \$2,850,000
* W -5700REG STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY. <u>NEW PROJECT PROGRAMMED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION - REGIONAL IMPACT CATEGORY.</u>	CONSTRUCTION	FY 2016 - \$600,000 (HSIP) FY 2017 - \$450,000 (HSIP) FY 2018 - \$450,000 (HSIP) FY 2019 - \$450,000 (HSIP) FY 2020 - \$450,000 (HSIP) FY 2021 - <u>\$450,000 (HSIP)</u> \$2,850,000

* W -5700SW	VARIOUS, SIGNAL RETIMING TO IMPROVE SAFETY.	CONSTRUCTION	FY 2016 - \$800,000 (HSIP)
STATEWIDE			FY 2017 - \$600,000 (HSIP)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2018 - \$600,000 (HSIP)
STATEWIDE	<u>TRANSPORTATION MOBILITY AND SAFETY</u>		FY 2019 - \$600,000 (HSIP)
	<u>DIVISION STATEWIDE STRATEGIC MOBILITY</u>		FY 2020 - \$600,000 (HSIP)
	<u>CATEGORY.</u>		FY 2021 - <u>\$600,000 (HSIP)</u>
			\$3,800,000

ADDITIONS to the Transit 2016-2025 STIP (February)

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TD-4721	Cape Fear Transportation Authority	Intermodal Facility – Land, Planning, Design, and Construction	FUZ	STPDA	2,400						
			Local	L	600						
TO-5210	Cape Fear Public Transportation Authority	Operating assistance for express fixed route serving Forden Station and Downtown Stations	FUZ	JARC	184						
			Local	L	184						

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

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

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

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

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization desires to amend the State/Metropolitan Transportation Improvement Programs to add projects W-5700, W-5700DIV, W-5700REG, W-5700SW, TD-4721 and TO-5210; and

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

NOW THEREFORE, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee approves amending 2016-2025 State/Metropolitan Transportation Improvement Programs to add projects W-5700, W-5700DIV, W-5700REG, W-5700SW, TD-4721 and TO-5210.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on May 25, 2016.

Gary Doetsch, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

Proposed Revisions to 2016-2025 STIP/MTIP Program

STIP/MTIP Amendments (May)

* Z-5700 STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS. <u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - STI CATEGORY PROGRAMMING SHOWN BELOW.</u>		
* Z-5700DIV STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.	RIGHT OF WAY	FY 2017 - \$150,000 (RR)
PROJ.CATEGORY DIVISION	<u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - DIVISION NEEDS CATEGORY.</u>	CONSTRUCTION	FY 2018 - \$150,000 (RR)
			FY 2019 - \$150,000 (RR)
			FY 2017 - \$900,000 (RR)
			FY 2018 - \$900,000 (RR)
			FY 2019 - <u>\$900,000 (RR)</u>
			\$3,150,000
* Z-5700REG STATEWIDE	VARIOUS, HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.	RIGHT OF WAY	FY 2017 - \$150,000 (RR)
PROJ.CATEGORY REGIONAL	<u>NEW PROJECT PROGRAMMED AT REQUEST OF RAIL DIVISION - REGIONAL IMPACT CATEGORY.</u>	CONSTRUCTION	FY 2018 - \$150,000 (RR)
			FY 2019 - \$150,000 (RR)
			FY 2017 - \$900,000 (RR)
			FY 2018 - \$900,000 (RR)
			FY 2019 - <u>\$900,000 (RR)</u>
			\$3,150,000

* Z-5700SW	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2017 - \$200,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2018 - \$200,000 (RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2019 - \$200,000 (RR)
STATEWIDE	<u>RAIL DIVISION - STATEWIDE STRATEGIC</u>	CONSTRUCTION	FY 2017 - \$1,200,000 (RR)
	<u>MOBILITY CATEGORY.</u>		FY 2018 - \$1,200,000 (RR)
			FY 2019 - <u>\$1,200,000 (RR)</u>
			\$4,200,000
* Z-5800	VARIOUS, HIGHWAY-RAIL GRADE CROSSING		
STATEWIDE	SAFETY IMPROVEMENTS.		
	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		
	<u>RAIL DIVISION - STI CATEGORY PROGRAMMING</u>		
	<u>SHOWN BELOW.</u>		
* Z-5800DIV	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2019 - \$150,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2020 - \$150,000 (RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2021 - \$150,000 (RR)
DIVISION	<u>RAIL DIVISION - DIVISION NEEDS CATEGORY.</u>	CONSTRUCTION	FY 2019 - \$900,000 (RR)
			FY 2020 - \$900,000 (RR)
			FY 2021 - <u>\$900,000 (RR)</u>
			\$3,150,000

* Z-5800REG	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2019 - \$150,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2020 - \$150,000 (RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2021 - \$150,000 (RR)
REGIONAL	<u>RAIL DIVISION - REGIONAL IMPACT CATEGORY.</u>	CONSTRUCTION	FY 2019 - \$900,000 (RR)
			FY 2020 - \$900,000 (RR)
			FY 2021 - <u>\$900,000 (RR)</u>
			\$3,150,000
* Z-5800SW	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2019 - \$200,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2020 - \$200,000 (RR)
PROJ.CATEGORY	<u>NEW PROJECT PROGRAMMED AT REQUEST OF</u>		FY 2021 - \$200,000 (RR)
STATEWIDE	<u>RAIL DIVISION - STATEWIDE STRATEGIC</u>	CONSTRUCTION	FY 2019 - \$1,200,000 (RR)
	<u>MOBILITY CATEGORY.</u>		FY 2020 - \$1,200,000 (RR)
			FY 2021 - <u>\$1,200,000 (RR)</u>
			\$4,200,000

**I-95 Corridor Coalition Traffic Flow Data Program
R009
Agreement for Use of Data**

- 1.0 This Agreement for Use of Data (“Agreement” or “Data Use Agreement”) is entered into, by and among INRIX, Inc., a corporation organized under the laws of the State of Delaware and having a primary business address set forth in Section 8 below, HERE North America, a limited liability company organized under the laws of the State of Delaware and having a primary business address set forth in Section 8 below, and TomTom North America, Inc., a corporation organized under the laws of the State of California and having a primary business address set forth in Section 8 below (collectively referred to hereinafter as the “Data Vendors”) and

(hereinafter “Data Licensee”), having an address as set forth on the signature page below. Data Vendors and Data Licensee together are hereinafter referred to as the “Parties”.

- 2.0 Background: I-95 Corridor Coalition (hereinafter “Coalition”), an unincorporated coalition of members and affiliate members (collectively referred to herein after as “Coalition Members” or “Coalition Member” in singular), has authorized the University of Maryland (hereinafter “UMD”), an agency and instrumentality of the State of Maryland, to act on behalf of the Coalition to enable the Coalition to continue to serve as a valuable knowledgeable collaborative resource throughout the I-95 Corridor. Acting on behalf of the Coalition, UMD has executed agreements with the Data Vendors under which they have agreed to license real-time traffic data, including travel time, speed, complimentary metrics and associated products provided pursuant to task orders (hereinafter referred to as “Licensed Data”) to Coalition Members and their subcontractors under the following agreements: UMD and INRIX have executed contract # 83794N-1-INRIX ; UMD and HERE North America have executed contract # 83794N-2-HERE ; and UMD and TomTom North America have executed contract # 83794N-3-TomTom (collectively hereinafter referred to as the “Contracts”).

This Agreement, to be executed by all Data Vendors and Data Licensees, sets forth the terms and conditions under which Coalition Members and their subcontractors may access and use any Licensed Data purchased through the Contracts, irrespective of geography or time; for appropriate use of and liability for misuse of Licensed Data; and warranties regarding Licensed Data.

For the avoidance of doubt, Data Licensee acknowledges that Data Vendors’ obligation to deliver the Licensed Data to Data Licensee is limited to the duration and the terms of active task orders under the applicable Contracts. The foregoing shall be without prejudice to Data Licensee’s right to use the Licensed Data that it has received as set forth in clause 4.0 below.

- 3.0 Certification: Data Licensee certifies that it is a member or affiliate member of the Coalition in good standing or an entity under contract to a Data Licensee (that may include universities) that directly supports a Coalition Member in good standing via a written agreement (hereinafter

referred to as ‘Subcontractor’), and requires and is authorized to access/use the Licensed Data procured under the Contracts.

If Data Licensee is a Subcontractor, it shall complete Attachment A to this Agreement, which shall be incorporated as part of this Agreement. Coalition Members shall notify all Data Vendors and UMD upon the termination of its written agreement with any Subcontractor.

Data Vendors agree that Data Licensee is entitled to access and use Licensed Data under the terms of this Data Use Agreement. Notwithstanding whether Data Licensee elects to purchase or not purchase Licensed Data for its particular jurisdiction, Data Vendors agree that Data Licensee is entitled to access and use, at no cost, Licensed Data purchased by any Coalition Member, subject to the terms of this Data Use Agreement.

- 4.0 Grant of License: Data Vendors hereby grant Data Licensee a nonexclusive, fully paid up right and license to reproduce, use, distribute, make derivative works based on, and archive Licensed Data consistent with Data Licensee’s traffic management, operations and planning responsibilities. Data Licensee is entitled to receive all Licensed Data purchased by any Coalition Member regardless of geographical or political boundaries of Data Licensee’s respective jurisdiction.
- 5.0 Rights and Limitations of License: The license granted under this Agreement is subject to the following restrictions:
- (a) Data Licensee shall not have the right to sell or otherwise transfer or disclose Licensed Data either to public or private entities that are not licensed to receive such data without prior written authorization from Data Vendors unless Data Licensee is required by applicable laws or regulations or pursuant to an order of a court of competent jurisdiction or a valid administrative or congressional subpoena to disclose Licensed Data. In that event, Data Licensee shall provide the affected Data Vendors prompt notice of the demand, unless prohibited by law, so they may take appropriate action to prevent disclosure, if they wish. Data Licensee shall provide a copy of any such notice to UMD. Nothing herein shall be deemed to authorize Data Licensee not to comply with any lawful order pending action by Data Vendors.
 - (b) Data Licensee shall limit access to Licensed Data to those of its employees and subcontractors who have a need to access and use Licensed Data in order to fulfill their contractual duties and shall require all such persons authorized to access and use Licensed Data to agree to abide by the terms of this Data Use Agreement. Any Data Licensee that desires access to Licensed Data for purposes not authorized by this Agreement must negotiate directly with Data Vendors to acquire such additional access and rights.
 - (c) Data Licensee may disseminate real-time traffic data delivered by Data Vendors to the public, subject to the following restrictions:
 - i. Licensed Data may only be disseminated to the public using dynamic message signs (also known as variable message signs), portable message signs, highway advisory

radio, 511 information systems, and Coalition Members' supported websites, web services, social media, and smart phone applications; and

- ii. Licensed Data disseminated to the public shall be restricted solely to travel times and speeds only that is disseminated via dynamic message signs (also known as variable message signs), portable message signs, highway advisory radio, telephone-based 511 information systems; and
- iii. This Agreement does not place any restrictions on dissemination of data to the public through Coalition Members' supported websites, web services, social media, and smart phone applications, including web-based 511 information systems.

- (d) The license granted by Data Vendors to Data Licensee authorizes Data Licensee to create visualizations and summary statistics of the archived traffic data (i.e., maps, graphs, charts, tables, etc.) for presentation and distribution to the general public ("Derivative Works"). Data Licensee shall own all copyrights in all such Derivative Works to the extent those works are protected by copyright.
- (e) Nothing in this Agreement shall preclude Data Licensee from distributing, displaying or otherwise presenting any traffic data or derivative works deemed essential to the safety of the traveling public.

6.0 Right to Acquire Non-Licensed Data: Nothing in this Agreement shall prohibit Data Licensee from acquiring, displaying or otherwise presenting or sharing information that Data Licensee has obtained from sources other than Data Vendors.

7.0 Prevention of Unauthorized Use: Data Licensee will cooperate with Data Vendors to protect the commercial value of Licensed Data by taking such measures as:

- (a) retaining all proprietary or restricted use notices included on Licensed Data as received; and
- (b) not obstructing or modifying proprietary or restricted use notices included on Licensed Data as received; and
- (c) ensuring that all copies of Licensed Data include all proprietary or restricted use notices included on Licensed Data as received . To the extent Data Vendors do not include any proprietary or restricted use notices on Licensed Data as delivered to Data Licensee, Data Licensee shall insert, at a minimum, the following notice on any copies of Licensed Data that Data Licensee makes: "PROPRIETARY INFORMATION OF DATA VENDOR. USE BY ENTITIES OTHER THAN AUTHORIZED, LICENSED USERS PROHIBITED"; and
- (d) storing and disseminating Licensed Data using methods, communication mediums and technologies that provide reasonable protections against their unlawful copying and unauthorized access and use.

8.0 Notice of Unauthorized Use: In the event Data Licensee becomes aware of an inappropriate use or unauthorized disclosure of Licensed Data, Data Licensee shall provide immediate verbal

notice as soon as practicable and subsequent written notice within 24 hours of its verbal notice to UMD and to the Data Vendor(s) whose data are the subject of inappropriate use or unauthorized disclosure as follows:

University of Maryland Program Managers

Dr. Stanley Young Kathleen Frankle (or designee)
301-405-3096, 410-414-2925
seyoung@umd.edu, kfrankle@umd.edu
Department of Civil and Environmental Engineering
University of Maryland
2200 Technology Ventures Building
College Park, Maryland 20742-3021

INRIX Inc.

Mr. Rick Schuman- Program Manager
407-298-4346 Rick@inrix.com
10210 NE Points Dr., Suite 300
Kirkland, WA 98033

HERE North America LLC

Mr. Keith Hangland, Account Representative
408-789-8264 keith.hangland@here.com
425 West Randolph Street
Chicago, IL 60606

TomTom North America, Inc.

Attn: Legal Department
11 Lafayette Street
Lebanon, NH 03766-1445 USA
Telephone: (800) 331-7881
Facsimile: (603) 653-0249
Email: aeglegal@tomtom.com

Subject to the above paragraph, all notices and approvals required to be made under this Agreement shall be made in writing and delivered (i) in person; (ii) by facsimile, with confirmation of transmission, (iii) by electronic mail (email) with return confirmation of delivery, or (iv) by first class mail, postage prepaid and addressed to the contact for each party specified above or such other person and address as each party may hereafter designate in writing. Notice shall be deemed effective upon receipt.

- 9.0 Indemnification: Data Vendors hereby indemnify and agree to hold harmless UMD, Data Licensees and their respective officers, employees and agents from and against any and all claims, actions, costs, judgments or damages of any type arising out of an allegation that Licensed Data infringes the intellectual property or proprietary rights of any third party or a breach of the representations and warranties of Data Vendors.
- (a) Upon becoming aware of an allegation of infringement or a breach of a Data Vendor's representations and warranties, Data Licensee shall promptly notify the affected Data Vendor(s) and UMD.
- (b) Data Vendors' duty to indemnify is conditioned upon (i) Data Vendors having sole control of the defense and settlement of the claim (provided that Data Vendors may not settle or compromise or defend any claim unless they unconditionally release all other parties from all liability, and further provided that Data Vendors must obtain prior approval of any such settlement or compromise from counsel for UMD and the Data Licensee which shall not be unreasonably withheld or delayed); (ii) Data Licensee provides, at Data Vendors' expense, information and reasonable assistance upon Data Vendors' request; and (iii) Data Licensee has not already compromised or settled the claim.
- 10.0 Liability: Under no circumstance will Data Licensee be responsible for another Data Licensee's breach of its duties under this Data Use Agreement. Each Data Licensee shall be liable for its

own violations of this Agreement.. IN NO EVENT WILL ANY PARTY OR ITS OFFICERS, AGENTS, OR EMPLOYEES BE LIABLE TO THE OTHER PARTIES FOR ANY INCIDENTAL, SPECIAL, INDIRECT, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING BUSINESS EXPENSE, MACHINE DOWN TIME, LOSS OF PROFITS, OR DAMAGE OR INJURY TO PROPERTY FOR ANY CLAIMS, DEMANDS OR DAMAGES ARISING OUT OF OR RELATED TO THE PERFORMANCE OR ITS OBLIGATIONS UNDER THIS AGREEMENT OR THE USE OF LICENSED DATA BY ANYONE EVEN IF THE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

11.0 Term and Termination

- (a) This Agreement will commence with respect to an individual Data Licensee as of the last date of execution by each Data Vendor, the Data Licensee, and the UMD representative affirming the good standing of the Data Licensee.
- (b) This Agreement will terminate upon the occurrence of any of the following:
 - (i) One or more Data Vendors or UMD gives written notice to Data Licensee of its breach of one or more obligations under this Agreement and Data Licensee's failure to cure its breach within thirty (30) days of receipt of notice of breach; or
 - (ii) UMD notifies Data Vendors and Data Licensee that Data Licensee is not a member or affiliate member in good standing of the I-95 Corridor Coalition and Data Licensee fails to restore its good standing within thirty (30) days of receipt of notice; or
 - (iii) A Coalition Member or its Subcontractor gives written notice to the Data Vendors and UMD that Subcontractor no longer has a need to access/use Licensed Data in which case this Agreement will terminate only with respect to the Subcontractor; or
 - (iv) Data Licensee gives written notice to Data Vendors and UMD that it wishes to terminate this Agreement.

Notices shall be provided to the addresses listed in Section 8.0 above.

Except for the reasons stated above, this Agreement will remain in effect and will not terminate.

- (c) Termination under section 11.0(b) (i) and (ii) will become effective upon expiration of the 30-day period if the breach has not been cured. Termination under Section 11.0(b) (iii) and (iv) will become effective immediately upon receipt of notice.
- (d) In the event of termination of this Agreement:
 - (i) Data Vendor will cease to provide Licensed Data to Data Licensee; and
 - (ii) Data Licensee will no longer be able to access Licensed Data maintained in archives and analysis tools at UMD; and
 - (iii) Data Licensee must destroy any and all Licensed Data in its possession and certify their destruction to UMD within thirty (30) days of the effective date of termination

12.0 Representations and Warranties

- (a) Data Vendors represent and warrant that all Licensed Data shall be original and unencumbered.
- (b) Data Vendors represent and warrant that they either own the Licensed Data or are authorized by the owner(s) of Licensed Data to grant licenses to Data Licensees under this Agreement or that Licensed Data are in the public domain.

13.0 General

- (a) The validity, interpretation and effect of this Agreement shall be governed by the laws of the state where Data Licensee is located without regard to its conflicts of laws rules when Data Licensee is an agency or instrumentality of state government.
- (b) No Party may assign its rights or obligations under this Agreement, except with the prior written approval of the other Parties. Such approval will not be unreasonably withheld.
- (c) This Agreement may be modified only by written agreement of authorized representatives of all Parties.
- (d) This Agreement supersedes any previously executed agreement between Data Licensee and Data Vendor/s with respect to Licensed Data.
- (e) Nothing herein shall be construed to create a partnership, joint venture, or teaming agreement between or among the Parties and nothing herein shall be construed to imply that any Party's employees are employees of another Party.
- (f) The Parties shall use their best efforts to resolve any disagreement that arises out of this Agreement amicably.
- (g) No provision of this Agreement shall be waived unless in writing and signed by all Parties to this Agreement. The waiver of any provision of this Agreement shall not be deemed to be a continuing waiver or the waiver of any other provision of this Agreement.
- (h) If any one or more of the provisions contained in this Agreement is held to be invalid, illegal, or unenforceable in any respect for any reason, then such invalidity, illegality, or unenforceability shall not affect any other provision hereof or any other application of the affected provision.
- (i) This Agreement, together with Attachment A (if applicable), embodies the entire understanding between and among the Parties. There are no contracts, understandings, conditions, warranties or representations, oral or written, express or implied, with reference to the subject matter hereof which are not merged herein.
- (j) This Agreement may be executed in counterparts, all of which when taken together

will be deemed one original. The Parties agree to accept digital delivery of this executed Agreement.

Signature page follows

By signing below, the Parties certify that they agree to the above terms and are duly authorized to bind their respective entities.

Data Licensee (agency, affiliate, subcontractor)

By: _____
Name: _____

Date _____

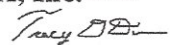
Title

Address

Name and Title of Primary Contact:

Telephone/Facsimile/E-mail

INRIX, Inc. Signed by:

By:  _____

Name: 47C01DE5D045418...

Date 18 November 2014

Name:

General Counsel

Title

HERE North America, LLC

By:  _____

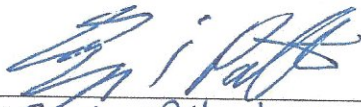
Name:

**Lori Bellows
Director**

Date: 11/20/14

Title

TomTom North America, Inc.

By: 

Name: Eoster Paltantys

Date 21 November 2014

SVP, Maps

Title

UNIVERSITY OF MARYLAND CERTIFICATION

University of Maryland hereby certifies that as of the date below, Data Licensee is a Coalition Member or affiliate in good standing, or a Subcontractor of a Coalition Member or affiliate in good standing.

By: _____

Kathleen Frankle

Program Manager

I-95 Corridor Coalition

Date _____

ATTACHMENT A
Any Data Licensee that is
a Subcontractor must provide the following information
About its Contract with a Member/Affiliate to "Establish Need to Know"

1. Name and Address of Subcontractor/Data Licensee:

2. Contractor from whom data is requested (check all that apply)

____ INRIX

____ Here North America

____ TomTom

3. Explain why You Need Access to Licensed Data:

4. Prime Contract/Subcontract Source

5. Contract/Agreement Number

6. Contract/Agreement Period-of-Performance:

From: _____ to: _____

7. Contact Information from Contracting Agency (Coalition Member/Affiliate):

Name: _____ Phone: _____

E-mail Address: _____

Subcontractor's authorized official certifies that the information provided above is current and accurate.

By: _____ Date _____

Name and Title: _____

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

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO AN
AGREEMENT FOR I-95 CORRIDOR COALITION TRAFFIC FLOW PROGRAM**

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, an I-95 Corridor Coalition is an alliance of transportation agencies, toll authorities, and related organizations from the State of Maine to the State of Florida, with affiliate members in Canada with the purpose of providing a forum for key decision and policy makers to address transportation management and operations issues of common interest; and

WHEREAS, the I-95 Corridor Coalition strives to provide organizational and technical support to foster learning and information sharing among Coalition member organizations; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee approved seeking affiliate-level membership in the I-95 Corridor Coalition on October 31, 2012 in order to utilize technical support including INRIX data services; and

WHEREAS, utilization of INRIX data by affiliate members of the I-95 Corridor Coalition is secured through a written agreement.

NOW, THEREFORE, BE IT RESOLVED, that the Wilmington Metropolitan Planning Organization's Transportation Advisory Committee hereby authorizes the Executive Director to enter into an agreement for the I-95 Coalition Traffic Flow Program Data.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on May 25, 2016.

Gary Doetsch, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

SPOT ID	Project Category	TIP	Project Name	From	To	Description	NCDOT Estimate	Raw Regional P 4.0 score (out of 70)	SPOT 4.0 Regional Impact Score	Includes Multi-modal Accommodations	WMPO P 3.0 Adopted Point Allocation	Consistency with Plans	Status of Project in Development	Total	Recommended Regional Tier Local Input Point Allocation	Justification of Point Allocation
1	Regional Impact	U-5734	US 421 (Front Street)	US 17 Business/76/421 (Cape Fear Memorial Bridge)	US 421 (Burnett Boulevard)	Widen to Four Lane Divided Arterial, Add Multi-Use Path and Sidewalk	\$ 26,000,000	44.21	63.16	100	100	100	50	82.6	100	
2	Regional Impact	U-5863	NC 133	I-140/US17 (Wilmington Bypass)	Division Drive	Widen Highway, Add Multi-Use Path	\$ 21,233,000	39.3	56.14	100	100	100	50	81.2	100	
3	Regional Impact	U-5869	US 17 BUS	US 17 (South 17th Street)	Covill Avenue	Construct a Road Diet, Add Bicycle Lanes	\$ 3,004,000	35.46	50.66	100	100	100	25	75.1	-	Feasibility study indicates a need to delay project
4	Regional Impact		NC 133	Rabon Way SE	US 17/74/76	Widen NC 133 (River Road) from the south of Rabon Way SE to the interchange at US 17/74/76	\$ 52,300,000	23.87	34.10	100	100	100	0	66.8	100	
5	Regional Impact		US 421 (Carolina Beach)	US 117 (Shipyard Boulevard)	George Anderson Drive	Upgrade Arterial By Adding a Landscaped Median	\$ 16,150,000	33.05	47.21	100	100	50	0	59.4	100	
6	Regional Impact	U-5702	NC 132 (College Road)	US 421 (Carolina Beach Road)	US 117 (Shipyard Boulevard)	Implement access management and median modification improvements	\$ 10,311,000	32.97	47.10	100	0	100	50	59.4	100	
7	Statewide Mobility	U-4738	(New Route - Cape Fear Crossings)	US 17 in Brunswick County	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	\$ 921,000,000	37.98	54.26	100	0	100	25	55.9	100	
8	Regional Impact		US 17 (Market Street), SR 1272 (New Center Drive)	New Center Drive		Improve intersection at Market Street & New Center Drive	\$ 668,000	51.24	73.20	100	0	100	0	54.6	100	
9	Regional Impact		NC 133 (Castle Hayne Road)	North 23rd Street		Construct a roundabout on NC133/Castle Hayne Road at N 23rd Street	\$ 1,030,000	42.72	61.03	100	0	100	0	52.2	100	
10	Regional Impact		US 76 (Oleander Drive)	Greenville Loop Road		Add dual left turn lanes from US76/Oleander Drive to Greenville Loop Road with some widening on Greenville Loop Road for a receiving lane	\$ 434,000	34.76	49.66	100	0	100	0	49.9	100	
11	Regional Impact		NC 133 (Castle Hayne Road)	I-140/US17 (Wilmington Bypass)	SR 1002 (Holly Shelter Road)	Widen Castle Hayne Road to multi-lanes from US14/Martin Luther King, Jr. Parkway to SR1002/Holly Shelter Road	\$ 77,377,000	32.7	46.71	100	0	100	0	49.3	100	
12	Statewide Mobility	R-3300	US 17 (New Route - Hampstead Bypass)	US 17 Bypass South of Hampstead (at Military Cutoff Road Extension)	NC 210	Construct Freeway on New Location.	\$ 149,683,000	37.93	54.19	0	0	100	25	35.8	100	
13	Statewide Mobility	R-3300	US 17 (New Route - Hampstead Bypass)	NC 210	US 17 North of Hampstead near SR 1563 (Sloop Point Loop Road)	Construct Freeway on New Location.	\$ 132,792,000	36.26	51.80	0	0	100	25	35.4	100	
14	Regional Impact		Route 201 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 201	\$ 60,000	45.15	64.50	0	0	100	0	32.9	100	
15	Regional Impact		Route 106 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 106	\$ 75,000	41.49	59.27	0	0	100	0	31.9	100	
16	Regional Impact		Route 204 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 204	\$ 135,000	33.61	48.01	0	0	100	0	29.6	100	
17	Regional Impact		Route 205 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 205	\$ 165,000	32.27	48.10	0	0	100	0	29.2		
18	Regional Impact		Route 101 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 101	\$ 195,000	31.17	44.53	0	0	100	0	28.9		
19	Statewide Mobility	R-4462	US 74, US 76	East of NC 67 (Maco Road)	SR 1426 (Mount Misery Road)	Upgrade Roadway to Interstate Standards	\$ 56,783,000	31.09	44.41	0	0	100	0	28.9	89*	Points shared from Cape Fear RPO
20	Regional Impact		Route 202 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 202	\$ 135,000	30.87	44.10	0	0	100	0	28.8		
21	Regional Impact		Route 103 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 103	\$ 120,000	29.35	41.93	0	0	100	0	28.4		
22	Regional Impact		Route 104 Amenity Upgrades	N/A	N/A	Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 104	\$ 105,000	26.8	38.29	0	0	100	0	27.7		
23	Regional Impact		NC 210	Navillus Boulevard	US17	Upgrade NC210 from Navillus Boulevard to US17	\$ 4,983,000	25.2	36.00	0	0	100	0	27.2		
24	Regional Impact		Southport Ferry Terminal Additional Mooring Facilities	Southport Ferry Terminal	Southport Ferry Terminal	Construct additional mooring facilities at Southport Terminal.	\$ 1,500,000	13.33	19.04	0	0	100	0	23.8		
25	Statewide Mobility		US 17	US 17 Business & US 17 Bypass interchange		Reconfigure ramps & add Multi-Lane northbound ramp from US 17 Business onto US 17.	\$ 21,000,000	26.23	37.47	0	0	50	25	22.5		
26	Statewide Mobility		US 17	US17 Bypass	SR 1571/Scotts Hill Loop Road	Improve safety and preserve capacity of Highway 17	\$ 23,027,000	40.14	57.34	0	0	50	0	21.5		

	SPOT ID	Project Category	TIP	Project Name	From	To	Description	NCDOT Estimate	Raw Regional P 4.0 score (out of 70)	SPOT 4.0 Regional Impact Score	Includes Multi-modal Accommodations	WMPO P 3.0 Adopted Point Allocation	Consistency with Plans	Status of Project in Development	Total	Recommended Regional Tier Local Input Point Allocation	Justification of Point Allocation
27	R150127	Statewide Mobility		Construct Rail across the Cape Fear River between NC Port of Wilmington and Davis Yard	NC Port of Wilmington	Davis Yard - Navassa	Construct rail across the Cape Fear River between the NC Port of Wilmington and Davis Yard.	\$ 185,130,000	18.74	26.77	0	0	50	25	20.4		
28	R150125	Statewide Mobility		US421 Rail Extension	US421 Invisita Plant	US421 Pender Commerce Park	Extend rail north from Invisita to Pender Commerce Park along US421.	\$ 5,694,698	0.99	1.41	0	0	100	0	20.3		
29	H090803-E	Statewide Mobility		US 17	SR 1561 Sloop Point Road	NC 210 (Surf City)	Improve safety and preserve capacity of Highway 17	\$ 38,000,000	29.73	42.47	0	0	50	0	18.5		
30	H090803-B	Statewide Mobility		US 17	SR 1571/Scotts Hill Loop Road	SR 1582/Washington Acres Road	Improve safety and preserve capacity of Highway 17	\$ 47,900,000	27.93	39.90	0	0	50	0	18.0		
31	H090803-D	Statewide Mobility		US 17	SR 1563 Sloop Point Loop Road	SR 1561 Sloop Point Road	Improve safety and preserve capacity of Highway 17	\$ 34,700,000	24.55	35.07	0	0	50	0	17.0		
32	R140031	Statewide Mobility		Rail Corridor Restoration from Castle Hayne to Wallace	Castle Hayne	Wallace	Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	\$ 153,888,012	1.16	1.66	0	0	50	25	15.3		
33	A150420	Statewide Mobility		Perimeter Road Improvements	N/A	N/A	Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. Includes Project Request Number: 00003415	\$ 2,650,000	20.25	28.93	0	0	0	0	5.8		

*Recommended regional tier local input point allocation to H090287-AG contingent upon receipt of points from the Cape Fear RPO and approval of point sharing from NCDOT SPOT

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

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION CONSIDER THE INSTALLATION OF A CROSSWALK ON NORTH
COLLEGE ROAD NEAR LANEY HIGH SCHOOL**

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 adopted Wilmington Urban Area Metropolitan Planning Organization Comprehensive Transportation Plan includes the widening of North College Road from Murrayville Road to NC 133/Castle Hayne Road; and

WHEREAS, Cape Fear Transportation 2040 identifies a number of bicycle and pedestrian projects to include improvements on North College from New Town Road to Denny Pence Drive, from Northchase Parkway to New Village Way and from New Village Way to Bavarian Lane; and

WHEREAS, the construction of bicycle and pedestrian improvements from New Town Road to Denny Pence Drive are identified in the adopted MTIP/STIP for funding in 2024; and

WHEREAS, Cape Fear Transportation 2040 also includes the installation of mass transportation amenities on North College Road at Danny Pence Drive; and

WHEREAS, the adopted Wilmington/New Hanover Comprehensive Greenway Plan suggests a greenway be installed along the west side of North College Road, and that it continue on the east side of the road from Northchase Parkway NE to the southern portion of Laney High School where it would then head east to Olsen Park; and

WHEREAS, there is a mix of uses along North College Road including residential, commercial, school and a link to Olsen Park; and

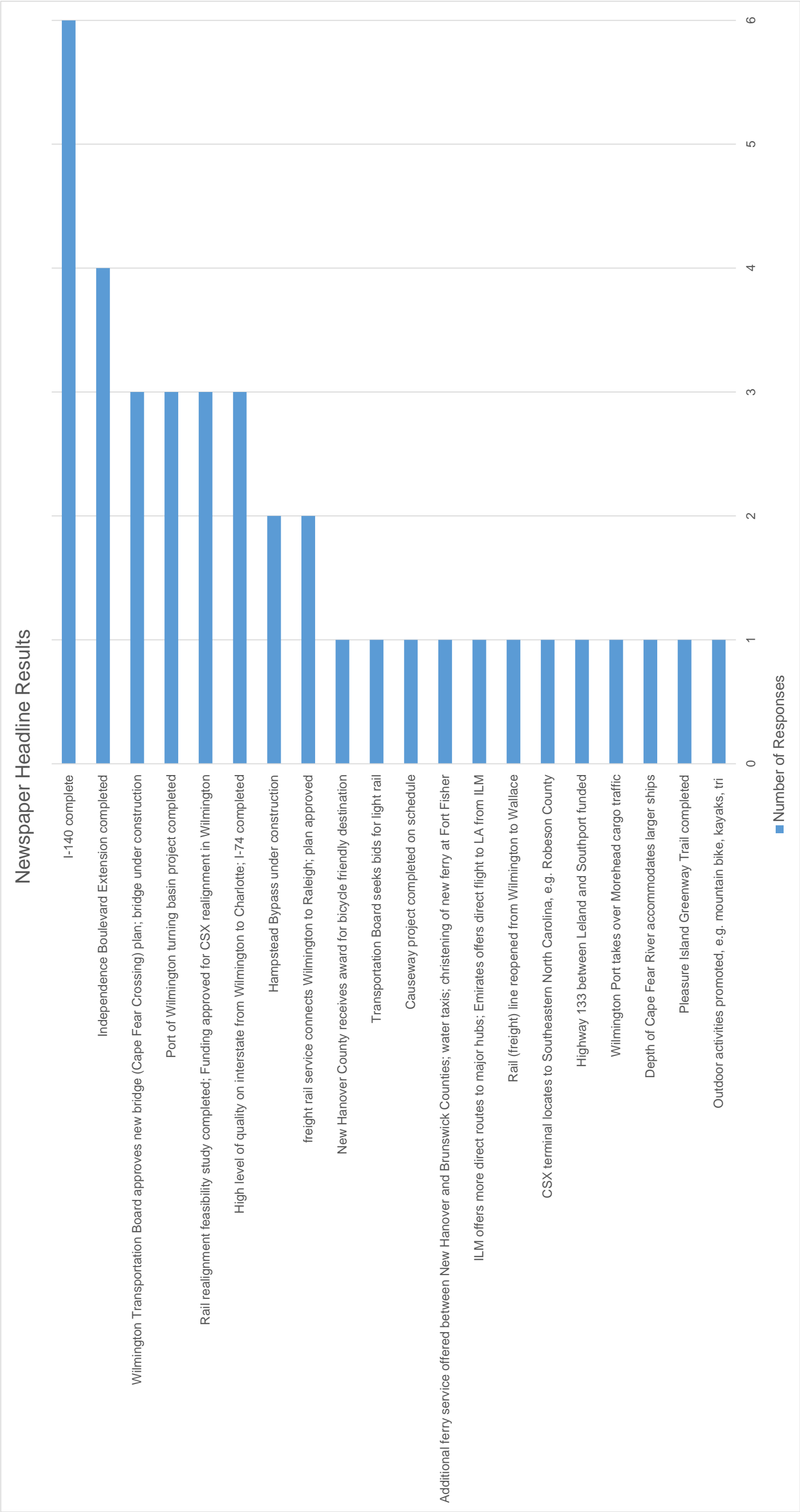
WHEREAS, with future development in this area bicycle and pedestrian activities will increase along this corridor.

NOW THEREFORE, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby requests the North Carolina Department of Transportation consider the installation of a crosswalk on North College Road near Laney High School to facilitate the safe crossing of North College Road.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on May 25, 2016.

Gary Doetsch, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary



Proposed Revisions to 2016-2025 STIP/MTIP Program

STIP/MTIP Modifications (May)

U-4902C NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), MARTIN LUTHER KING JR., BOULEVARD TO STATION ROAD. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 18 TO FY 19</u> <u>BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT OF WAY CONSTRUCTION	FY 2017 - \$125,000 (T) FY 2019 - \$1,700,000 (T) FY 2020 - <u>\$1,700,000</u> (T) \$3,525,000
U-4902D NEW HANOVER PROJ.CATEGORY STATEWIDE	US 17 BUSINESS (MARKET STREET), LENDIRE ROAD TO SR 2734 (MARSH OAKS DRIVE). <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17</u> <u>AND CONSTRUCTION FROM FY 18 TO FY 19</u> <u>BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT OF WAY CONSTRUCTION	FY 2017 - \$250,000 (T) FY 2019 - \$3,150,000 (T) FY 2020 - <u>\$3,150,000</u> (T) \$6,550,000
U-5732 PENDER PROJ.CATEGORY REGIONAL	US 17, SR 1582 (WASHINGTON ACRES ROAD) TO SR 1563 (SLOOP POINT LOOP ROAD). CONVERT TO SUPERSTREET. <u>DELAY CONSTRUCTION FROM FY 20 TO FY 21</u> <u>BASED ON CLARIFICATION OF SCHEDULES.</u>	RIGHT OF WAY UTILITIES CONSTRUCTION	FY 2018 - \$4,724,000 (T) FY 2018 - \$567,000 (T) FY 2021 - \$4,706,000 (T) FY 2022 - \$4,706,000 (T) FY 2023 - <u>\$4,707,000</u> (T) \$19,410,000

* C-5571	NORTH CAROLINA RAILROAD, NCDOT	IMPLEMENTATION	FY 2016 - \$818,000 (CMAQ)
STATEWIDE	PIEDMONT AND CAROLINIAN PASSENGER RAIL		FY 2017 - <u>\$819,000</u> (CMAQ)
PROJ.CATEGORY EXEMPT	SERVICES. PUBLIC OUTREACH AND AWARENESS PROGRAM. <u>ADD IMPLEMENTATION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>		\$1,637,000
* Z-5400DIV	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2016 - \$150,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2017 - \$150,000 (RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF RAIL DIVISION.</u>	CONSTRUCTION	FY 2016 - \$900,000 (RR)
DIVISION			FY 2017 - <u>\$900,000</u> (RR)
			\$2,100,000
* Z-5400REG	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2016 - \$150,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2017 - \$150,000 (RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF RAIL DIVISION.</u>	CONSTRUCTION	FY 2016 - \$900,000 (RR)
REGIONAL			FY 2017 - <u>\$900,000</u> (RR)
			\$2,100,000
* Z-5400SW	VARIOUS, HIGHWAY-RAIL GRADE CROSSING	RIGHT OF WAY	FY 2016 - \$200,000 (RR)
STATEWIDE	SAFETY IMPROVEMENTS.		FY 2017 - \$200,000 (RR)
PROJ.CATEGORY	<u>ADD RIGHT OF WAY AND CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED, AT REQUEST OF RAIL DIVISION.</u>	CONSTRUCTION	FY 2016 - \$1,200,000 (RR)
STATEWIDE			FY 2017 - <u>\$1,200,000</u> (RR)
			\$2,800,000



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

May 2, 2016

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 April:

- The project team continues to coordinate and correspond with project stakeholders.
- Functional Design Plans for the 12 detailed study alternatives (DSAs) were completed on 4/20/16.
- Hydraulic analysis of the DSAs is ongoing.
- The Draft Hurricane Evacuation Analysis Technical Memorandum has been submitted to NCDOT and the New Hanover and Brunswick County emergency management departments for review.
- The Historic Architecture Eligibility Report has been accepted by NCDOT and reviewed by the North Carolina State Historic Preservation Office (SHPO). An updated eligibility report has been sent to SHPO for review. The project team will meet with SHPO in the next few months to determine potential effects to these resources from the DSAs.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- An update to the Draft Natural Resources Technical Report is ongoing.
- A Sea Level Rise Assessment of the DSAs is ongoing.
- Utility plans and relocation estimates were finalized on 4/05/16.
- NCDOT is currently evaluating an additional alternative proposed by the WMPO near the Port of Wilmington. There are currently 12 alternatives being designed and evaluated for inclusion in the draft environmental document. NCDOT is coordinating with the NCSPA regarding this alternative; if it is determined this alternative is reasonable, studies may need to be redone to include this alternative.
- The Cape Fear Crossing project is programmed in the 2016-2025 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.
- The project team will plan to present the status of the project to the WMPO TAC before the next NEPA/Section 404 Merger Team Meeting.

Contact Information

NCDOT – Charles Cox, ccox@ndcot.gov, 919.707.6016

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

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

Email: capefear@ncdot.gov

Hotline: 1.800.233.6315

WILMINGTON MPO
TRANSPORTATION PLANNING
MAY 2016

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
- Document data collection in a Biennial Report

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. The draft plan was finalized by the Transportation Advisory Committee on July 22, 2015. . The plan has now been adopted by all Wilmington Urban Area Metropolitan Planning Organization member jurisdictions. The TAC adopted the plan on November 18, 2015.

Next Steps:

- Implementation of the plan
- Develop a Strategic Business Plan

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. The Department is evaluating several alternatives to include a single point urban interchange, at-grade quadrant, continuous flow intersection, etc.

Next Steps:

- Complete Planning, Environmental Review and Design for the project

17TH STREET STREETScape

Project Descriptions/Scope: The 17th Street streetscape project will include upgrades to 17th Street between Wrightsville Avenue and Princess Place Drive. The project will provide for a more efficient transportation system by reduced travel speeds, removal of the lateral shift, improved pedestrian crossings, improved safety and enhance the aesthetics of the area. The project may also include aesthetic improvements that will enhance the entryway into Carolina Heights and provide a pocket park. The project had a bid opening on March 10th. The bids still exceeded the budget.

Next Steps:

- Request additional funding from the City for the streetscape enhancements

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 5 reviews
- New Hanover County Informal Plan Reviews: 4 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews
- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 12 total (New Hanover County 5, City of Wilmington 5, Carolina Beach 0, Leland 1, and Pender County 1) new 3 and ongoing 9
- Pender County Development Plan Reviews: 13 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 30 (4 new, 26 on-going)
- City of Wilmington Informal Reviews: 6 (2 new, 4 on-going)
- City of Wilmington Concept Reviews: 14 (12 new concept reviews- 2 on-going concept)
- COW Project Releases: 4 Full releases

STP-DA/TAP-DA FY 2013, 2014 and 2015 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:

- Revision of man-hour estimate being performed by Ramey Kemp
- NCDOT to review man hour estimate to approve scope change
- FHWA has been contacted to discuss a change in scope from bike lanes to sidewalks and if FHWA will pay for existing design plus new design. The Town and consultant will provide NCDOT with a justification to be submitted to FHWA for consideration.
- Ramey Kemp & Associates to verify that the sidewalk will fit in the easement
- Awaiting a response from the Town of Navassa on various project related questions

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

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

Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Construction start anticipated May 2016

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:

- Design plans are complete
- Right of Way underway
- Letting anticipated October 2016

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:

- Currently working on redesign and updating the PCE
- 30% plans submitted to NCDOT for review

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:

- NCDOT Approval received
- Town if awaiting finalized plans and specifications
- Awaiting easement approval from MOTSU

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

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

Next Steps:

- Select a consultant to complete the design
- R/W Plans complete: February 2017
- Let Date: April 2017

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:

- 95% Construction Documents review under way
- Anticipated Let Date of July 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:

- 95% Construction Documents review under way
- Anticipated Let Date of July 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:

- 90% Construction Documents review scheduled for March

- The project is currently under review
- Anticipated Let Date: May 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:

- 90% Construction Documents review scheduled for March
- The project is currently under review
- Let Date: May 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:

- 90% design plans complete
- The project is currently under review
- Right of Way Plans complete: September 25, 2016
- Anticipated Let Date: December 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:

- McKim and Creed is providing Surveying
- R/W plans anticipated September 2016

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

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

Next Steps:

- Awaiting agreement execution
- PE Services submitted for review and awaiting NCDOT approval

U-5534R – Doral Drive Sidewalks –

Project Description/Scope: The construction of a sidewalk along Doral Drive from the intersection of Sloop Point Loop Road to the proposed emergency access path to the approved Wyndwater path.

Next Steps:

- Pender Co. discussing with NCDOT/WMPO to split into design phase and construction phase

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

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

Next Steps:

- A consultant has been selected to complete this design.
- City to provide the survey for the project

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

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

Next Steps:

- Town of Leland in process of scoping project
- RFQ for firms to be distributed in May

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
- The City is working to hire a consultant to complete the design
- R/W plans anticipated December 2016

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

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

Next Steps:

- City of Wilmington is preparing plans for the project
- Revised plans have been sent to NCDOT
- Quantities and specs are complete
- 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:

- NHC Currently acquiring easements for project.

- Anticipated Let Date: July 2016

U-5527D HARPER AVE. MULTI-USE PATH

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

Next Steps:

- Advertised for PE services

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Next Steps:

- Continue regularly scheduled TDM Committee meetings
- Release the marketing plan RFP
- Develop program brand (name and logo)
- Implement Bike to Work Week (May 16-22) and Bike to School Day events (May 4 and May 11)
- Coordinate with employers to implement 2 additional vanpool programs

MAYOR'S RAIL RE-ALIGNMENT TASK FORCE

The City of Wilmington has appointed a Mayor's Task Force to evaluate the feasibility of re-aligning the rail line that currently traverses the City of Wilmington and potentially re-purpose this rail line for another use. This project is jointly funded by the City of Wilmington, North Carolina Department of Transportation and Wilmington MPO. All three entities have agreed to participate financially in the study. The City released a Request for Proposals for a consultant to complete the study and the City received 3 proposals. The Task Force recommended to negotiate the scope and fee with Moffatt & Nichols. Staff is currently working to finalize the scope and to get the firm under contract to begin the work on the project.



Cape Fear Public Transportation Authority

Project Update

May 2016

1. **Bus fleet replacement & conversion to CNG** - (no change) identifying state and federal funding opportunities to replace 19 thirty-five foot buses. Bid awarded to Gillig, LLC on June 26, 2014. Two buses delivered in June 2015. FTA issued a Notice of Funding Availability (NOFA) on March 25, 2016 for 49 CFR §5339(b) and §5339(c) bus and bus facility grants equaling \$266M nationally. Wave Transit is coordinating with NCDOT and state transit agencies to develop a consolidated application for replacement bus funding.
2. **Wilmington Multimodal Transportation Center** - Interlocal Agreement between Authority, City of Wilmington, WMPO and NCDOT finalized. Demolition of Haul building scheduled for April 2016. The Authority is working to complete NEPA Document, stabilize Neuwirth Brothers and Thomas Grocery buildings, and design and construct transit portion of WMMTC. The NEPA RFP is scheduled to be let on April 14, 2016. Community stake holder meeting on April 6th at the Brooklyn Arts Center to discuss the impact of the project on Downtown Wilmington was held and well received. Preliminary completion date for construction of the facility is late 2017. WMMTC webpage set up at: <http://www.wavetransit.com/services/multimodaltransportationcenter.aspx>.
3. **Short Range Transportation Plan** - (no significant change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is preparing to begin its latest short range plan. The plan will set a course for public transportation initiatives, route structure and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations. Under the direction of the Authority's Operations and Planning Committee made up of Board members, staff, WMPO planners, passengers, interested citizens, and professional transit planning consultants, the 12-18 month plan is an important tool in meeting the public transportation needs of the community. Marketing, public relations and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying to assess the needs of current and prospective passengers.
4. **Long Term Funding** - (no significant change) currently, the Authority does not have a dedicated source of local funding. An initiative to analyze long term revenue stability of Wave Transit has also been proposed by the City of Wilmington. This effort is critical to the long term financial health of the Authority. No timetable for the analysis has been developed.
5. **Shelter Program** - (no significant change) a program to replace and add up to 50 bus shelters and 25 benches at bus stops is nearing construction. Partial funding has been identified. Engineering and design are underway as is permit acquisition. Depending on

site requirements, bus shelters can exceed \$15,000 per location. Contract for installation of five shelters scheduled to be let in late May.

May 18, 2016

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 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 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 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.

Traffic on new alignment of Long Beach Road

Estimated Contract Completion Date Summer 2016

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

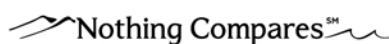
Open to traffic

Estimated Contract Completion Date May 13, 2016

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

Open to traffic end of May 2016

Estimated Contract Completion Date September 28, 2016



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

Estimated Contract Completion Date September 2018

Wrightsville Avenue (EB-4411C WBS#36333.3.FS3 2016CPT.03.02.20651):
widen for bike lanes on SR 1411 (Wrightsville Ave.) from Huntington Ave. to US 76 (Oleander Drive)

Estimated Contract Completion Date May 6, 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 August 2016

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

Let Date September 20, 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 2017

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

Let Date June 2018

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

Let Date August 2018

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

Let Date October 2018

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

Let Date December 2018

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

Let Date August 2021

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

Design Build Selection Date January 2020

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

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

Let Date August 2020

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

Let Date January 2022

Greenfield Lake Culvert: replace the large culvert under 3rd Street and

US 421 Truck/Front Street...Utility relocation work will begin late 2013 and finish prior to let date

Let Date September 2016

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

Resurfacing Contracts:

Resurfacing Contract: 2017CPT.03.01.10651 (includes W-5203AA & W-5601BB)

New Hanover County:

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

Letting Date August 2016

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.

Work Complete

**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 3rd Street) – from US 76 (Dawson Street) to Greenfield Street (non-system)

US 421 Northbound Lanes (South 3rd Street) – from Greenfield Street (non-system) to US 76 (Dawson Street)

US 17 Business (South 3rd Street) – from US 76 eastbound lanes to US 76 westbound lanes

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

SR 1218 (16th Street) – from US 76 westbound lanes (Wooster Street) to US 76 eastbound lanes (Dawson Street)

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

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

SR 1301 (17th Street) - from US 17 Business (Market Street) to Grace Street (non-system)

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

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

Resurface the following secondary routes in New Hanover County:

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

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

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

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

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

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

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

Widen & resurface following routes in New Hanover County:

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

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

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

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 Spring/Summer 2016

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)

Estimated Contract Completion Date December 2016

Resurfacing Contract: 2016CPT.03.04.10711 & 2016CPT.03.04.20711

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)

Estimated Contract Completion Date June 2016

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

Estimated Contract Completion Date June 2016

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 (9th Street)** resurfacing from NC 211 to end of system, in Southport
- SR 1210 (Old Bridge Road)** resurfacing from NC 133 (Long Beach Road) to end of system
- SR 1526 (Jabbertown Road)** resurfacing from NC 87 to SR 1527 (Leonard Street), in Southport
- SR 1528 (Moore Street)** resurfacing from NC 211 to end of system, in Southport

Estimated Contract Completion Date May 2016

Resurfacing Contract: 2016 CPT.03.09.10101 & 2013CPT.03.09.20101

Brunswick County:

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

SR 1139 (Seashore Road) resurfacing from NC 130 (Holden Beach Road) to
SR 1137 (Boones Neck Road)

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

SR 1241 (Milliken Avenue) resurfacing from

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

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

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

SR 1942 (Bruce Lane) resurfacing from SR 1941 (Stratford Place) to
SR 1944 (Deep Branch Road)

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

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

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

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

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

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

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

Estimated Contract Completion Date November 2016

Resurfacing Contract: 2017CPT.03.31.20711 DC00136

Pender County:

SR 1113 (Montague Road) resurface from SR 1114 (Blueberry Road) to US 421

SR 1412 (Newroad Ave., Front St. & Dickerson St.) resurface from US 117 to
Hayes Road.

Estimated Contract Completion Date September 2016

Resurfacing Contract: 2017CPT.03.37.20651 DC00155

New Hanover County:

- SR 1310 (Division Drive)** from NC 133 (Castle Hayne Road) to SR 1302 (23rd Street)
- SR 2270 (Wood Sorrell Road)** from SR 2048 (Gordon Road) to SR 2219 (N. Green Meadows Road)
- SR 2281 (Spicewood Street)** from Wood Sorrell Road to N. Green Meadows
- SR 2054 (Diamond Drive)** from SR 2154 (Little Creek Road) to SR 2053 (Apple Road)
- SR 2219 (N. Green Meadows Road)** from Wood Sorrell Road to Spicewood Street
- SR 2266 (Twin Leaf Road)** from SR 2286 (Strawfield Drive) to SR 2018 (Fitzgerald Drive)
- SR 2267 (Bracken Fern Road)** from Twin Leaf Road to cul-de-sac
- SR 2268 (Butterfly Court)** from Bracken Fern Road to cul-de-sac
- SR 2271 (Rushwood Court)** from Wood Sorrell Road to cul-de-sac
- SR 2272 (Sunwood Circle)** from Wood Sorrell Road to Wood Sorrell Road
- SR 2273 (Cainslash Court)** from Sunwood Circle to cul-de-sac
- SR 2274 (Emberwood Road)** from Wood Sorrell Road to cul-de-sac
- SR 2275 (Vinewood Court)** from Emberwood Road to cul-de-sac
- SR 2276 (Pearwood Court)** from Vinewood Court to cul-de-sac
- SR 2277 (Mintwood Court)** from Wood Sorrell Road to cul-de-sac
- SR 2278 (Wood Sorrell Loop)** from Wood Sorrell Road to Wood Sorrell Road
- SR 2279 (Red Bay Court)** from Wood Sorrell Road to cul-de-sac
- SR 2280 (Red Bay Loop Road)** from Red Bay Court to Red Bay Court
- SR 2282 (Low Bush Court)** from Spicewood Street to cul-de-sac
- SR 2283 (Spicewood Loop Road)** from Spicewood Street to cul-de-sac
- SR 2284 (Lupine Court)** from Spicewood Street to cul-de-sac
- SR 2285 (Golden Astor Court)** from Spicewood Street to cul-de-sac
- SR 2286 (Strawfield Drive)** from N. Green Meadows Road to N. Green Meadows Road
- SR 2287 (Sweetbay Court)** from Strawfield Drive to cul-de-sac
- SR 2294 (Silver Grass Court)** from Wood Sorrell Road to cul-de-sac
- SR 2295 (Cherry Laurel Court)** from Wood Sorrell Road to cul-de-sac
- SR 2297 (Nettle Circle)** from Strawfield Drive to Strawfield Drive
- SR 2298 (Fern Court)** from Nettle Circle to cul-de-sac
- SR 2299 (Batsonwood Court)** from Wood Sorrell Road to cul-de-sac
- SR 2618 (High Bush Court)** from Strawfield Drive to cul-de-sac
- SR 2687 (Legend Drive)** from SR 2683 (Enterprise Drive) to cul-de-sac
- SR 2688 (Promenade Court)** from Legend Drive to cul-de-sac
- SR 1327 (Farley Road)** from SR 1175 (Kerr Ave.) to Kerr Ave.
- SR 2686 (Justus Court)** from Enterprise Drive to cul-de-sac
- SR 2685 (Drewman Court)** from Enterprise Drive to cul-de-sac

Estimated Contract Completion Date November 2016

If you have any questions, please contact Patrick Riddle at the Division 3 Office:
priddle@ncdot.gov