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

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: October 6, 2017
SUBJECT: October 11th meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, October 11th at 10 am. The meeting will be held in the Lord Spencer Compton Conference Room at 102 North 3rd Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Presentation
 - a. International Walk to School Day Results, Adrienne Harrington, WMPO
- 4) Consent Agenda
 - a. Approval of TCC Meeting Minutes- September 13, 2017
 - b. Resolution supporting the North Carolina Ports Authority's submission for the INFRA grant
 - c. Resolution supporting the North Carolina Department of Transportation's submission of Rail Improvements for the INFRA grant
 - d. Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's submission of an Infrastructure for Rebuilding America (INFRA) grant request for the upgrade of US 74 from east of NC 87 to Mt Misery Road
- 5) Regular Agenda
 - a. Resolution requesting the North Carolina Department of Transportation designate US 74 from Whiteville to Interstate-140 and Interstate-140 from US 74 to US 17 as "Future I-74"
 - b. Resolution supporting the allocation of additional Direct Attributable funds to the Carolina Beach Greenway and Harper Avenue Bike Lanes projects
- 6) Discussion
 - a. Direct Attributable Programs
 - b. Old Fayetteville Road Multi-use Path (U-5534D)
- 7) Updates
 - a. MPO Staffing
 - b. Crossing over the Cape Fear River

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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- c. Wilmington Urban Area MPO
 - d. Wilmington Urban Area MPO's Metropolitan Transportation Plan
 - e. Cape Fear Public Transportation Authority
 - f. NCDOT Division
 - g. NCDOT Transportation Planning Division
- 8) Announcements
 - a. WMPO Bike/Ped Committee Meeting- October 15th
 - 9) Next meeting –November 15, 2017

Attachments:

- TCC Meeting Minutes- September 13, 2017
- Resolution supporting the North Carolina Ports Authority's submission for the INFRA grant
- Resolution supporting the North Carolina Department of Transportation's submission of Rail Improvements for the INFRA grant
- Resolution supporting the Wilmington Urban Area Metropolitan Planning Organization's submission of an Infrastructure for Rebuilding America (INFRA) grant request for the upgrade of US 74 from east of NC 87 to Mt Misery Road
- Resolution requesting the North Carolina Department of Transportation designate US 74 from Whiteville to Interstate-140 and Interstate-140 from US 74 to US 17 as "Future I-74"
- Letter from the Town of Carolina Beach
- Resolution supporting the allocation of additional Direct Attributable funds to the Carolina Beach Greenway and Harper Avenue Bike Lanes projects
- Direct Attributable Programs Memorandum
- Town of Leland Old Fayetteville Road Multi-use Path (U-5534D) Resolution
- Cape Fear River Crossing Update (October)
- Wilmington MPO Project Update (October)
- Cape Fear Public Transportation Authority Update (October)
- NCDOT Project Update (October)

**Wilmington Urban Area
Technical Coordinating Committee
Wednesday, September 13, 2017
Meeting Minutes**

Members Present:

Mike Kozlosky, Wilmington MPO
Don Bennett, City of Wilmington
Adrienne Harrington, Wilmington MPO
Ed Parvin, Town of Carolina Beach
Rebekah Roth, New Hanover County
Ken Vafier, New Hanover County
Stephanie Ayers, NC Ports Authority
Helen Bunch, Brunswick County

Kyle Breuer, Pender County
Allen Serkin, Cape Fear COG
Nazia Sarder, NCDOT Planning
Danielle Villegas, Town of Wrightsville
Beach
Albert Eby Cape Fear Public
Transportation Authority

1. Call to Order

Mr. Kozlosky called the meeting to order at 10:02 a.m.

2. Approval of Agenda

Mr. Bennett made the motion to approve the agenda as presented with no changes.
Ms. Harrington seconded the motion and it carried unanimously.

3. Presentation

a. "Go Coast" 2017 Commuter Challenge – Adrienne Harrington, WMPO

Ms. Harrington announced that the "Go Coast" Commuter Challenge will take place the last two (2) full weeks of October (this year, October 16th-29th) in order to avoid fall breaks (college) and daylight savings time. She gave an overview of categories of participation and prizes. She noted that participants are encouraged to commit in advance online, and to track sustainable commuting practices during the challenge with by phone app, My Open Road.

Ms. Harrington stated that a Sustainable Transportation Intern will start tomorrow and focus on events-based promotions. She noted that community partners will remain the same as last year (UNCW, CFCC, and Wave Transit). She added that employer partners include participants of the TDM Committee, and/or past programs. Promotions will also include wellness committees and HR groups. She requested suggestions from members regarding any further promotional opportunities.

b. Wilmington Rail Improvements – Landside Rail Improvements Serving the Port and Moving Trains Safely through the Community – Brian Speight, PE, Mott MacDonald

Mr. Speight gave an overview of a study commissioned by both NCDOT and the Port to improve rail service and safety. He noted that significant impacts to rail include:

- CSXT building the Carolina Connector in Rocky Mount (CCXT terminal);
- New leadership, vision, and business philosophy of Mr. Hunter Harrison at CSX; and
- The restart of intermodal service from the Port to Charlotte.

Mr. Speight stated that the current rail capacity is five (5) 3,000-foot trains per week. He noted that existing capacity could handle the expected net increase through 2021. He added that a few more and/or longer trains may be required to handle demand through 2025. He added that the impact of increased demand will be mitigated by infrastructure improvements to the container yard at the Port, and rehab of the general on-terminal rail (WTRY short line) and the beltline.

Mr. Speight stated that two (2) curve realignments (Fernside and Smith Creek) are recommended to improve safety and provide the infrastructure to potentially double the train speed (from 10 mph to 20 mph). He noted that some heavy, tie-to-tie maintenance and bridge reinforcements are recommended as well. He added that all activities of the Wilmington Traffic Separation Study (TSS) have been incorporated into this study. Also, beltline speed and safety improvements have been included in Prioritization 5.0, which corresponds with this analysis.

Mr. Kozlosky requested a copy of the report.

Mr. Glenn Harbeck, Director, Planning, Development and Transportation, expressed concerns regarding curve realignments, and train stacking at the Port, which cannot accommodate a 10,000-foot length.

Mr. Speight responded that the recommended curve improvements are minimal and non-invasive – not much more than the width of the tracks.

Ms. Ayers pointed out that some infrastructure improvements at the Port are recommended to accommodate longer trains.

In response to an inquiry by Mr. Serkin, Mr. Kozlosky stated that these recommendations are consistent with the Prioritization 5.0 submittal.

A lengthy question/answer and discussion period was held.

4. Consent Agenda

a. Approval of TCC Meeting Minutes – August 16, 2017

b. Resolution authorizing the Wilmington Urban Area MPO's submission of a NCDOT FY 2019 Transportation Demand Management Grant and provide the required local match

c. Resolution amending the Wilmington Urban Area MPO Bylaws

d. Resolution authorizing the Chairman to enter into the FY 17-18 Section 5303 Agreement between the City of Wilmington, Wilmington Urban Area MPO and Cape Fear Public Transportation Authority

Mr. Kozlosky expressed the desire to pull Item 4a (Approval of TCC Meeting Minutes of August 16, 2017) for a minor correction.

Mr. Eby made a motion to approve the Consent Agenda excluding Item 4a, and to forward Items 4b through 4d to the Board for consideration. Mr. Serkin seconded the motion and it carried unanimously.

Mr. Kozlosky stated that a correction has been made to the minutes of August 16th to record the presence of Ms. Villegas instead of Mr. Owens.

Mr. Breuer made a motion to approve TCC Meeting Minutes of August 16, 2017 with the correction. Mr. Bennett seconded the motion and it carried unanimously.

5. Regular Agenda

a. Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization's Public Transportation Funding Allocation Plan

Mr. Kozlosky reminded the Committee that NCDOT conducted a graduation study a few years ago that studied how areas graduate in population. The study included a case study of seven (7) MPOs across the state; Wilmington being one of them. He noted that the WMPO is required to designate how the Section 5307 funds will be allocated in the UZA. He reminded members that the packet includes a copy of the funding allocation plan, which was developed in coordination with the Cape Fear Public Transportation Authority.

Mr. Eby made a motion to approve the Resolution adopting the Wilmington Urban Area Metropolitan Planning Organization's Public Transportation Funding Allocation Plan, and to forward it to the Board for consideration. Ms. Harrington seconded the motion, and it carried unanimously.

Ms. Bunch arrived at 10:41 a.m.

6. Discussion

a. Direct Attributable Programs

Ms. Kimes gave an update on Direct Attributable Programs. She stated that the Board was in agreement that it will be necessary to put a hold on the call for projects in order to develop recommendations for moving forward with this program. She noted that since the last meeting a new planner has started, Abby Lorenzo, who is researching other MPOs for background information. She reported that many of the recommendations made at the last meeting are in place at other municipalities. She pointed out that staff is seeking better ways to handle the program and to better define the program with a checklist for greater efficiency. A question/answer and discussion period was held.

Mr. Kozlosky reminded the Committee that this will be an ongoing agenda item until the recommendations to improve the process are ready.

b. Infrastructure for Rebuilding America (INFRA) Grant

Mr. Kozlosky stated that the U.S. Department of Transportation announced the availability of approximately \$1.5 billion for transportation projects across the country. He noted that it will be split into two (2) categories: large projects of at least \$25 million and smaller projects of at least \$5 million. He added that Transportation Management Areas are able to submit up to three (3) projects for consideration. Applications are due on November 2, 2017.

Mr. Kozlosky stated that several potential projects are under consideration for submission. He noted that a discussion with the Board is planned for its September meeting. He added that the WMPO's Long Range Plan has been reviewed as well as some of the projects that scored in Prioritization 4.0 and how they scored.

Mr. Kozlosky stated that a discussion was held this morning with the NCDOT Rail Division regarding the potential of submitting a project to improve the rail line between Wilmington and Charlotte for the Queen City Express. He noted that this will be

presented to the Board for consideration, and that a Resolution of support outlining the project(s) for submission will be considered in October.

In response to an inquiry by Mr. Breuer, Mr. Kozlosky assumed that any matching requirements would come from the state.

In response to an inquiry by Mr. Serkin, Mr. Kozlosky stated that potential projects include Gordon Road widening, College Road access management improvements, the widening of 133 from 74/76 to Rabon Way, Carolina Beach Road from George Anderson to Shipyard, and the US 74 upgrade from east of 87 to Wilmington. He requested projects from the Committee by the end of the week for the Board to consider. He pointed out that the submittal time frame is short and requires much staff work.

Ms. Ayers commented that the Port is only eligible to apply for larger projects for 2017 and 2018 since none were awarded last year. She noted that the Port is submitting one (1) project, and will also apply for the TIGER Grant (due October 16, 2017).

Mr. Kozlosky reiterated to the Committee that this Item will be brought to the Board for consideration. He requested that any projects for consideration be forwarded to him by close of business Friday. He reminded members that a notice is included in the agenda packet.

c. MPO Staffing

Mr. Kozlosky announced that he has hired two (2) Associate Planners. He apologized for procuring one locally, Ms. Abby Lorenzo, who is currently attending orientation; but will attend future TCC meetings. He noted that the other Planner is from Wichita Kansas and will start on October 2nd. He added that the GIS Analyst position, new in this year's budget, was re-advertised. Phone interviews for the Senior Planner will proceed tomorrow, followed by in person interviews. A Project Engineer position will be advertised, which is being reclassified from a Construction Manager position, to realign better with the needs of the organization.

7. Updates

Updates are included in the agenda packet.

8. Announcements

- Next WMPO Bike/Ped Committee Meeting: August 20, 2017
- Oleander Drive Public Meeting: August 20, 2017
- Next TCC Meeting: October 11, 2017

9. Adjournment

With no further items, the meeting was adjourned at 10:52 a.m.

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

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA PORTS AUTHORITY'S SUBMISSION
OF THE FISCAL YEAR 2018 REQUEST FOR INFRASTRUCTURE FOR REBUILDING
AMERICA (INFRA) GRANT FUNDING**

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 North Carolina State Ports Authority owns and operates an ocean port terminal in Wilmington, North Carolina in New Hanover County and the operation of such a terminal is a tremendous catalyst for economic growth and development throughout North Carolina, and particularly in eastern North Carolina; and

WHEREAS, the North Carolina State Ports Authority's contributes more than \$14 billion in annual economic contribution to the state's economy constituted by goods moving through the port facilities and supports 76,700 full-time jobs at North Carolina businesses; and

WHEREAS, the United States Department of Transportation announced the Infrastructure for Rebuilding America (INFRA) discretionary grant program on June 29, 2017; and

WHEREAS, this program will make available approximately \$1.5 billion for transportation projects across the country with large projects of at least \$25 million and small projects of at least \$5 million; and

WHEREAS, the North Carolina Ports Authority has identified container yard improvements, intermodal rail improvements and rail upgrades as projects for submission of FY 18 Infrastructure for Rebuilding America (INFRA) discretionary grant funding.

WHEREAS, the North Carolina Ports Authority plans to submit the following project for the INFRA discretionary grant funding:

- Expansion of the Intermodal Rail Yard at the Port of Wilmington
- Rail Access Improvements on the General Terminal of the Port of Wilmington
- Upgrade of the Authority-owned Charlotte Container Depot to Intermodal Rail Facility

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Ports Authority's submittal of FY18 INFRA grant requests to enhance the Authority's intermodal capabilities at the Port of Wilmington and Authority-owned Charlotte intermodal facility.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION'S SUBMISSION OF THE WELDON DOUBLE TRACK AND
CHARLOTTE TO WILMINGTON FREIGHT ENHANCEMENTS FOR THE
INFRASTRUCTURE FOR REBUILDING AMERICA GRANT**

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization recognizes that improvements are necessary, within the City of Wilmington, to improve the transportation network to mitigate the periodic blockages by CSXT within the City of Wilmington; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization, CSXT and the North Carolina Department of Transportation understand that implementation of the Wilmington Traffic Separation Study and improvements to the railroad mainline track to improve speed and capacity are necessary to improve the transportation network in the near term; and

WHEREAS, the proposed project includes constructing approximately 24 miles of double track along the CSX A-Line in Weldon, speed improvements to the rail line through the City of Wilmington by enhancing the ability of freight to use rail through that community with fewer impacts, and construction of five sidings and connections, three grade separations and five crossing closures between Wilmington and Charlotte; and

WHEREAS, the proposed project will add capacity and create the fluidity of the CSX freight intermodal network in North Carolina, ensuring connection between the Southeast, Mid-Atlantic, Northeast, Midwest, and international ports on the eastern seaboard are maintained and enhanced; and

WHEREAS, the proposed project would enhance the flow of goods up and down the East Coast along the CSX A-Line, and the project capitalizes on previous investments in the National Gateway, Atlantic Gateway, and the Central Carolina Intermodal Rail Hub in North Carolina; and

WHEREAS, the proposed project provides redundancy for the only existing bridge over the Roanoke River on the corridor; and

WHEREAS, if the existing bridge, constructed in 1911, was taken out of service, the CSX network along the eastern seaboard would be broken into Mid-Atlantic and Southeastern Networks; and

WHEREAS, the proposed project enhances the movement of freight on the Class I freight network connecting strategic ports (Port of Wilmington and Port of Virginia) and two major intermodal terminals on the CSX network in North Carolina, including the Central Carolina Connector (CCX) Intermodal Hub; and

WHEREAS, the proposed project reduces the number of conflicts between the movement of freight by rail and roadways in the City of Wilmington, Town of Weldon, City of Charlotte, and rural communities between Charlotte and Wilmington; and

WHEREAS, the proposed project helps mitigate conflicts between freight trains and passenger trains on the A-Line.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the North Carolina Department of Transportation's submission of the Weldon Double Track and Charlotte to Wilmington Freight Enhancements project for consideration of the Infrastructure For Rebuilding America (INFRA) grant through the United States Department of Transportation.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE WILMINGTON URBAN AREA METROPOLITAN
PLANNING ORGANIZATION'S SUBMISSION OF THE FISCAL YEAR 2018 REQUEST FOR
INFRASTRUCTURE FOR REBUILDING AMERICA (INFRA) GRANT FUNDING**

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 I-74 corridor has been identified as a Strategic Highway Corridor for North Carolina; and

WHEREAS, this proposed interstate in Brunswick and Columbus counties would upgrade North Carolina's transportation infrastructure to improve safety and efficiency as well as support long-term economic growth in the southeastern part of the state; and

WHEREAS, the state has and is making great strides to upgrade US 74 between Wilmington and Charlotte; and

WHEREAS, the Cape Fear Transportation 2040 plan supports the upgrade of US-74 from US 17/74/76 to the MPO's planning area boundary; and

WHEREAS, the United States Department of Transportation announced the Infrastructure for Rebuilding America (INFRA) discretionary grant program on June 29, 2017; and

WHEREAS, this program will make available approximately \$1.5 billion for transportation projects across the country with large projects of at least \$25 million and small projects of at least \$5 million; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization, as a designated Transportation Management Area (TMA), may submit up to 3 projects for consideration for INFRA funding; and

WHEREAS, on September 27, 2017 the Wilmington Urban Area Metropolitan Planning Organization's Board identified the upgrade of US 74 from NC 87 to Mt. Misery Road as their selected project for submission of FY 18 Infrastructure for Rebuilding America discretionary grant funding.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the Wilmington Urban Area Metropolitan Planning Organization's submission of the FY18 Infrastructure for Rebuilding America discretionary grant request to upgrade US 74.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION DESIGNATE US 74 FROM WHITEVILLE TO INTERSTATE-140
AND INTERSTATE-140 FROM US 74 TO US 17 AS “FUTURE I-74”**

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

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization is charged with developing, in cooperation with the North Carolina Department of Transportation, long-range and regional multi-modal transportation plans; and

WHEREAS, there are plans to build a new interstate highway (known as I-74) that would connect southeastern North Carolina with other parts of the state and nation; and

WHEREAS, the National Highway System Designation Act of 1995 includes the I-73/74 North-South Corridor from Charleston, South Carolina, through Winston-Salem, North Carolina, to Portsmouth, Ohio, to Cincinnati, Ohio, to termini at Detroit, Michigan and Sault Ste. Marie, Michigan. The Sault Ste. Marie terminus shall be reached via a corridor connecting Adrian, Jackson, Lansing, Mount Pleasant, and Grayling, Michigan; and

WHEREAS, in the State of North Carolina, the Corridor shall generally follow in southeastern North Carolina:

(ff) United States Route 74 to United States Route 76 near Whiteville;

(gg) United States Route 74/76 to the South Carolina State line in Brunswick County; and

WHEREAS, an interstate highway would have substantial positive benefits to include positive economic and tourism benefits, improve the quality of life, facilitate emergency evacuations, and provide better access to the Port of Wilmington; and

WHEREAS, the *Cape Fear Transportation 2040* plan supports the upgrade of I-74 from US 17/74/76 to the MPO's planning area boundary; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board assigned local input points to upgrade US 74 in Prioritization 4.0; and

WHEREAS, in 2013 the Wilmington Urban Area Metropolitan Planning Organization's Board encouraged the North Carolina Department of Transportation to move forward in an expeditious manner with planning and construction of I-74 to connect with I-140 (Wilmington Bypass).

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby requests the North Carolina Department of Transportation designate US 74 from Whiteville to Interstate 140 and Interstate 140 from US 74 to US 17 as “Future I-74”.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary

Dan Wilcox
Mayor

Tom Bridges
Council Member

Steve Shuttleworth
Council Member



LeAnn Pierce
Mayor Pro Tem

Gary Doetsch
Council Member

Michael Cramer
Town Manager

TOWN OF CAROLINA BEACH
1121 N. Lake Park Boulevard
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October 5, 2017

Amy Kimes, PE
Senior Project Engineer
Wilmington Metropolitan Planning Organization (WMPO)
City of Wilmington
305 Chestnut Street, 4th Floor
Wilmington, NC 28401

Re: DA Funding Request – U 5534 E/L – Carolina Beach Greenway

Dear Amy,

We understand that the TCC and TAC boards are currently considering allocation of current DA funds to jurisdictions with existing projects in need of additional funding. Please accept this letter as the Town's request for consideration of additional funding in the amount of \$167,344 for the Carolina Beach Greenway Project.

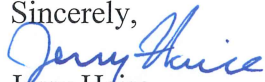
On Sept. 28 the Town received construction bids for the project. The low bid was received from Civil Works Contracting (CWC) for \$944,345.85. The Town's engineer has reviewed the bids and found CWC to be the lowest responsible responsive bidder. At present the Town has a total of \$985,416 in federal grant funds and local match. Although current funding exceeds the bid amount it is not sufficient to cover the required 15% DOT administrative fee or any contingency for the project. The following is a breakdown of funding needs:

Base bid:	\$944,345.85
10% contingency:	<u>\$94,434.58</u>
Subtotal:	\$1,038,780.43
15% DOT admin.:	<u>\$155,817.06</u>
Total project cost	\$1,194,597.49
Current funding	<u>- \$985,416.72</u>
Total additional cost	\$209,180.77
80% grant request	\$167,344.62
20% local match	\$41,836.15

We understand the Town will be responsible for the required 20% match of \$41,836. I will forward a resolution of support and match commitment from the Town Council after they take action at their October 10 meeting.

We appreciate your assistance and consideration of our request by the Board. Please let me know if you need additional information.

Sincerely,



Jerry Haire

Project Manager

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION
BOARD**

**RESOLUTION SUPPORTING THE ALLOCATION OF SURFACE TRANSPORTATION BLOCK
GRANT- DIRECT ATTRIBUTABLE RESERVE FUNDS TO THE ISLAND GREENWAY AND HARPER
AVENUE BIKE LANES**

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

WHEREAS, on July 18, 2012 the Federal Transit Administration (FTA) and the Federal Highways Administration (FHWA) designated the Wilmington Urban Area Metropolitan Planning Organization as a Transportation Management Area (TMA); and

WHEREAS, Surface Transportation Block Grant- Direct Attributable (STBGP-DA) funds are available for all designated TMAs; and

WHEREAS, the STBGP-DA program was previously known as the Surface Transportation Program-Direct Attributable (STP-DA) program under Moving Ahead for Progress in the 21st Century Act (MAP-21); and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board allocated FY 2013 and FY 2014 STP-DA funds to the Island Greenway Project between Mike Chappell Park and Alabama Avenue and Harper Avenue Bike Lanes; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization's Board allocated an additional \$220,295 in FY17 for un-anticipated project costs for the section from Greenville Avenue to Alabama Avenue; and

WHEREAS, the Town of Carolina Beach has requested an additional \$167,345 from the Wilmington Urban Area Metropolitan Planning Organization for un-anticipated project costs; and

WHEREAS, by Resolution the Town of Carolina Beach has approved the required 20% local match.

NOW THEREFORE, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby supports the allocation of STBGP-DA funds to the Town of Carolina Beach for the Island Greenway and Harper Avenue Bike Lanes project.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on October 25, 2017.

Gary Doetsch, Chair

Mike Kozlosky, Secretary



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Memorandum

To: TCC Members

From: Amy Kimes, PE, Senior Project Engineer, WMPO
Abby Lorenzo, Associate Transportation Planner, WMPO

Date: October 2, 2017

Subject: Alternatives for STBG/TASA Direct Attributable Funding Allocation Process

Based on discussions with the TCC and MPO Board, Staff has researched the Direct Attributable allocation processes of multiple MPO's throughout North Carolina and the Southeastern US. Staff identified and focused our research on four main areas for improvements:

- **Application submittal and award timeline.**
- **The use of "Pots" allocating funding for projects to different modes of transportation.**
- **Inaccurate engineering and construction cost estimates.**
- **Understanding the DOT expectations and basic timelines of a project from NCDOT Agreement to Project Closeout.**

After analyzing policies and procedures of other MPO's and speaking with representatives of some of these other organizations as to the most successful methods, a list of possible solutions for each area of concern have been determined.

Application and submittal award timeline.

- Award funding a minimum of one year in advance. For instance, have a call for FY 2019 funding in the Fall of 2017, score and award in early 2018. This advanced awarding will allow for Local Government Agency's (LGA's) to finalize an agreement with NCDOT prior to the funds becoming available October 1, 2018.
Or;
- Create an MPO Direct Attributable Transportation Improvement Program (TIP) on a 2-year rotating basis with a five year horizon. Only the first two years would be guaranteed funding. The MPO could utilize a call for projects or SPOT scoring to

Wilmington Urban Area Metropolitan Planning Organization

prioritize projects for the MPO Direct Attributable TIP. This option would give LGA's additional time to secure their local match and complete the DOT project agreement.

The use of “Pots” allocating funding for projects to different modes of transportation.

- Remove “pots” or “target” amounts for different modes of transportation. Removing these pots will necessitate a further discussion on how Transit funds will be awarded. The removal of these target amounts will not include the funds annually taken off the top for the MPO administrative costs. The development of an application for studies will also be necessary.

Inaccurate engineering and construction cost estimates.

- Require a feasibility study for each LGA's top 5-10 projects supported by the MTP. These studies could be funded with FY 2018 DA funds and local match. Once complete and prior to the submittal of a project for scoring, the applicant will be required to hold a scoping meeting with WMPO & NCDOT.

Understanding the NCDOT expectations and basic timelines of a project from NCDOT Agreement to Project Closeout.

- Require and continue additional training for LGA's prior to and once funding has been awarded.
- WMPO creation of Gantt and flow charts of the expected process from project award to closeout.
- WMPO creation of a project handbook for quick reference and step by step instruction for LGA's.
- Identify project management software that can be used by all LGA's, MPO, and NCDOT for the management of Direct Attributable projects.

Other suggestions to improve project flow and support.

- The requirement of monthly check-ins to give a project update and status.
- Prepare a template for a more detailed LOI for engineering firms that specifically spells out the LGA's needs and expectations for the project.
- Require selected firms to provide a schedule with an anticipated timeline of project milestones at the beginning of the project.

The goal is to finalize a process by the end of the year. Staff requests further discussion and direction from the TCC/Board prior to selection of the final alternatives for Board consideration and approval.



Resolution R17-251

Introduced By: Gary Vidmar

Date: September 28, 2017

Resolution Authorizing the Town of Leland to Contribute Additional Matching Funds for the Town of Leland's 2014 Surface Transportation Program Direct Attributable Project U-5534D which is the Old Fayetteville Road Multi-Use Path.

WHEREAS, in 2013 the Town of Leland was awarded federal funds from the Surface Transportation Direct Attributable ("STP-DA") program for the design, permitting, and construction of the Old Fayetteville Road Multi-Use Path project (U-5534D"); and

WHEREAS, on September 9, 2014 the Town of Leland entered into an agreement with the North Carolina Department of Transportation ("NCDOT") to receive federal funding from the STP-DA program in the amount of \$190,000 for the design, permitting, and construction of the U-5534D project with the Town committing to an equal matching amount of \$190,000 to pay for the \$380,000 total estimated project cost of the U-5534D project; and

WHEREAS, the Town of Leland executed a supplemental agreement with NCDOT dated September 16, 2015 for the U-5534D project to receive an additional \$163,000 in STP-DA federal funds to pay for the purchase of property required for permanent public easements which increased the total estimated project cost to \$543,000 with no additional matching amount to be paid by the Town; and

WHEREAS, major changes have been made to the U-5534D project which has increased the total estimated project cost to \$2,261,575; and

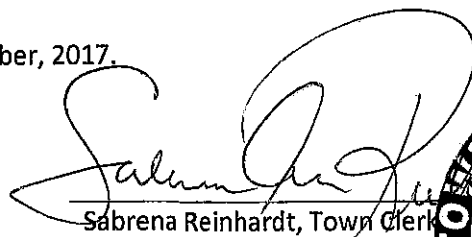
WHEREAS, the Town of Leland is willing to increase its matching amount to twenty-percent (20%) of the aforementioned revised total estimated project cost which is \$2,261,575.

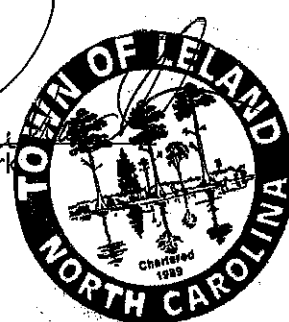
Therefore, Be It Resolved:

That the Town of Leland agrees to provide a 20% match of the total estimated funds needed for the design and construction of the STP-DA U-5534D project for an amount of \$452,315.

Adopted by Town Council on this 28th day of September, 2017.


Brenda Bozeman, Mayor


Sabrena Reinhardt, Town Clerk





Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

PROJECT STATUS REPORT

October 2, 2017

Project Description

The Cape Fear Crossing project is proposed as a roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River. The project is programmed in the 2018-2027 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.

The following list includes tasks during the month of September:

Current Activities

- The project team continues to coordinate and correspond with project stakeholders.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- The Draft Sea Level Rise Assessment is under review by NCDOT.
- The project team continues preparation of the Draft Environmental Impact Statement.
- Design refinements for alternatives south of the Port of Wilmington are being investigated due to the request from the NCSPA and WMPO to provide 215 feet of vertical clearance over the Cape Fear River navigational channel (versus 187 feet currently designed).

Upcoming Activities

- The project team has discussed potential elimination of alternatives with the NEPA/Section 404 Merger Team and will be following up with FHWA and USACE before making final decisions on alternatives to carry forward.
- The project team will revise designs based on bridging decision from the NEPA/Section 404 Merger Team Concurrence Point 2A – “Bridging Decisions and Alignment Review” meeting on 8/17/17.

Past Activities

- The update to the Natural Resources Technical Report was finalized on 9/19/17.
- The Essential Fish Habitat Assessment was finalized on 9/01/17.
- Right-of-Way cost estimates and relocation reports have been completed.
- The NEPA/404 merger team met on 8/17/17 to discuss alternatives that could potentially be dropped from consideration.
- The project team received final concurrence from the NEPA/Section 404 Merger Team on Concurrence Point 2A – “Bridging Decisions and Alignment Review” on 8/17/17.
- The NEPA/Section 404 Merger Team met on 5/30/17 in Wilmington to review Concurrence Point 2A – “Bridging Decisions and Alignment Review”.
- The project team received final concurrence from the State Historic Preservation Office on 5/26/17 regarding Section 106 effects on historic resources in the project study area.
- The project team presented the status of the project and preliminary alternative impact analysis results to the WMPO TAC on 3/29/17.
- The Archaeological Predictive Model Update was finalized on 2/13/17.
- The NEPA/Section 404 Merger Team reached Concurrence Point 2 – “Detailed Study Alternatives Carried Forward” on 2/10/14.
- The NEPA/Section 404 Merger Team reached Concurrence Point 1 – “Purpose and Need and Study Area Defined” on 12/12/13.
- Technical documents that have been finalized are available on the project website under “Project Documents.”

Contact Information

NCDOT – Jay McInnis, jmcinnis@ncdot.gov, 919.707.6029; AECOM – Joanna Rocco, joanna.rocco@aecom.com, 919.239.7179
Website: <http://www.ncdot.gov/projects/capefear/>; Email: capefear@ncdot.gov; Hotline: 1.800.233.6315

WILMINGTON MPO
TRANSPORTATION PLANNING
OCTOBER 2017

17TH STREET STREETScape

Project Descriptions/Scope: The 17th Street streetscape project will include upgrades to 17th Street between Wrightsville Avenue and Princess Place Drive. The project will provide for a more efficient transportation system by reduced travel speeds, removal of the lateral shift, improved pedestrian crossings, improved safety and enhance the aesthetics of the area. The City awarded the construction contract to Lanier Construction on June 21, 2016. Construction began on August 22, 2016. Construction is substantially complete. The last remaining work is to install the landscaping. Construction is anticipated to be complete in October.

Next Steps:

- Complete construction of the improvements

LELAND STREET DESIGN STANDARDS MANUAL

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

Next Steps:

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

Northeast New Hanover County Future Street Plan

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

Next Steps:

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

SITE DEVELOPMENT REVIEW

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

- New Hanover County Development Plan Reviews: 2 reviews
- New Hanover County Informal Plan Reviews: 0 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 0 reviews
- Town of Leland Informal Reviews: 1 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: 13 total (New Hanover County 6, City of Wilmington 6, Carolina Beach 0, Leland 0, Navassa 1, and Pender County 0) new 1 and ongoing 11
- Pender County Development Plan Reviews: 6 reviews
- Pender County Informal Plan Reviews: 3 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 51 (9 new, 42 on-going)
- City of Wilmington Informal Reviews: 17 (2 new, 15 on-going)
- City of Wilmington Concept Reviews: 15 (13 new concept reviews-2 on-going concept)
- COW Project Releases: 8 Full releases

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

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

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

Next Steps:

- Construction contract awarded to Intercoastal Marine, LLC
- Additional funds approved by the City on September 5th.
- Contractor is ordering materials. Work will begin as soon as material is delivered.

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

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

Next Steps:

- 100% plans have been submitted for review
- Specifications under review by City
- Anticipate R/W acquisition completed September 2017
- Bidding anticipated in January 2018

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:

- The 65 % plans were approved by NCDOT on July 20, 2017.
- ROW and 90% plans are currently being created
- The Town has submitted a resolution for a 20% match of additional funding
- NCDOT to determine project ownership
- Construction contract let is anticipated May 2018

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

Project Descriptions/Scope: This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. The Town desires to combine the project with the awarded 2014 STP-DA project. Contract documents have been approved and are being finalized for advertisement. Initial funding has been approved by the Board and FHWA.

Next Steps:

- Bid Opening was held September 28, 2017. Bids currently under review.
- Town to request additional funds to cover shortfall.

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

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

Next Steps:

- The City received final plans and cost estimate from VHB.
- Technical specs to be submitted to NCDOT for approval
- The City has received the proposed Supplemental agreement from NCDOT for \$240,000
- The City is preparing the Council package for approval of the Supplemental agreement during the October Council Meeting.
- Anticipated Let Date: To be determined once bid package sent to NCDOT

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

Project Descriptions/Scope: The construction of sidewalks along coral drive will install approximately 954 feet of 5 foot wide sidewalk on Coral Drive adjacent to Wrightsville Beach Elementary. The Town hired SEPI to complete the design.

Next Steps:

- 65% plans received by Town – to be submitted to NCDOT for comment
- Anticipated Let Date: Summer 2018

U-5534H – HINTON AVE MULTI-USE PATH

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

Next Steps:

- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration.

- The City received NCDOT's approval of MCE's Contract Amendment No.4 on August 30th.
- Engineering is working to process the contract amendment as soon as possible.
- According to previous discussions with MCE, Revised 90% plans anticipated within 5 days following the execution of the amendment.
- Anticipated Let Date of Fall 2018

U-5534G –HOOKER ROAD MULTI-USE PATH

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

Next Steps:

- The City is following up on revised scope and amendment with McKim & Creed. The amendment should cover the remaining design services and construction inspections and administration.
- The City received NCDOT's approval of MCE's Contract Amendment No.4 on August 30th.
- Engineering is working to process the contract amendment as soon as possible.
- According to previous discussions with MCE, Revised 90% plans anticipated within 5 days following the execution of the amendment.
- Anticipated Let Date of Fall 2018

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK

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

Next Steps:

- The Town is currently reviewing the 90% drawings, which will be resubmitted o NCDOT.
- Right of way Certification-TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with "J" project.

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:

- The Leland Town Council approved a scope change at their July meeting
- The Town is currently reviewing 90% drawings, which will be resubmitted to NCDOT.
- Right of way acquisition underway

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:

- The Town is currently reviewing 90% drawings
- Right of way acquisition underway
- Right of way Certification- TBD
- Encroachment agreement needed once right-of-way finalized
- Let date will be delayed to match up with “J” project.

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:

- 90% design plans - comments submitted to LJB
- Next submittal to include specs and revised estimate
- Design completion anticipated October 2017

U-5534O Cape Fear Blvd Multi-Use Path

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

Next Steps:

- Design consultant agreement executed
- Plans and Engineer’s Estimate have been approved by NCDOT
- Finalize contract documents and estimates
- Anticipated let date October 2017

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

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

Next Steps:

- The City will provide additional survey regarding the drainage conflicts – survey update 95% complete
- Consultant is providing a revised design scope and schedule based on the drainage issues identified in the 25% plans – once revised survey is complete
- 25 % plans have been submitted to NCDOT for review – comments received, designer correcting
- The City will revise schedule upon outcome of survey issue

TASA-DA

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:

- A supplemental agreement between NCDOT and City is required for the additional funding. The grant was approved by the Wilmington City Council on September 5, 2017
- Anticipated Let Date: December 2017

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

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

Next Steps:

- NHC selected Davenport for design
- Davenport is updating manhour estimate for submittal to NCDOT

U-5527D HARPER AVE. MULTI-USE PATH

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

Next Steps:

- NCDOT Agreement is in place
- PE funds authorized August 2, 2016
- Draft LOI for PE Services submitted and being revised by the Town
- Advertisement of PE Services is anticipated in October 2017
- Anticipated let date June 2018

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

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

Next Steps:

- Begin development of the Go Coast marketing plan
- Continue promoting 2017 Commuter Challenge scheduled for Oct. 16 – 29
- Organize International School Day scheduled for Oct. 4
- Schedule lunch and learns with area employers to promote Go Coast program
- Explore options for highlighting best practices from local employers with alternative work schedule policies
- Partner with large employers to determine vanpool options
- Partner with K-12 schools in WMPO jurisdiction to provide carpool opportunities to parents

- Partner with UNCW, Cape Fear Community College, and New Hanover Regional Medical Center to explore carpool matching options and guaranteed ride home strategies
- Coordinate with employers to implement 2 additional vanpool programs and potential Park & Ride lot locations
- Finalize bike share RFP



Cape Fear Public Transportation Authority

Project Update

October 2017

REGIONAL AUTHORITY PROJECTS

1. **Bus fleet replacement** - identifying state and federal funding opportunities to replace eleven thirty-five foot buses, two trolleys, and three shuttles. The Authority has applied for funding from a nationwide discretionary grant program from Federal Transit and is pursuing other opportunities.
2. **Short Range Transportation Plan** - (no change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit has begun its latest short range plan. The plan will set a course for public transportation initiatives, route structure, and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations.

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

Data collection has begun and is being analyzed. Over fifteen agencies have agreed to assist Wave Transit as stakeholders in the planning effort. The stakeholder committee has been identified and held their multiple meeting. The project is expected to be completed in the spring of 2018.
3. **Long Term Funding** - (no significant change) currently, the Authority does not have a dedicated source of local funding. Strategies to meet future revenue requirements will be identified during SRTP development. The Authority has drafted a *Short Range Financial Plan* which was adopted on January 26, 2017. The financial plan findings will be reviewed by the SRTP consultant and included in the final plan. A possible study regarding long term funding for transit in the region is being evaluated by the City of Wilmington and New Hanover County.
4. **Shelter Program** - a program to replace and add up to 50 bus shelters and 25 benches at bus stops is underway. Construction of the first eight shelters is complete. Phase two, consisting of 12 shelters and 15 benches is currently under construction. Phase three consisting of three super stops at Independence Mall, Hanover Center, and Monkey Junction is in the engineering and permitting phase.

WMPO SPONSORED PROJECTS

1. **Wilmington Multimodal Transportation Center** - (no change) An Interlocal Agreement between Authority, City of Wilmington, WMPO, and NCDOT has been executed. Demolition of the U-Haul building is complete. Thanks to generous support from the WMPO, STP-DA funding in the amount of \$2,400,000 has been flexed by FHWA to FTA for the project and a formal grant with FTA has approved. Phase 1 consisting of hazardous materials abatement and demolition is complete. Stabilization design is complete and stabilization construction is underway. Upon completion of stabilization, renovation will commence with an expected facility dedication to take place in the spring of 2018.
2. **Preventive Maintenance & ADA** - STP-DA funding in the amount of \$351,000 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is complete and the grant has been submitted to FTA for review. Since the funding was flexed close to the end of the federal fiscal year, the grant may not be awarded until the end of the calendar year. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. The allocation does not represent all PM funding to the Authority but will serve to supplement current federal funding. Upon approval of the grant, expected in the first quarter of FFY 2018, funds will be drawn and the project will be complete.
3. **Preventive Maintenance & ADA** - (no change) STBGP-DA funding in the amount of \$510,778 for preventive maintenance and ADA service throughout the region was approved by the WMPO in 2016. The process of flexing the funds from FHWA to FTA is in process. The funds will assist the Authority in maintaining its fleet of fixed route buses and FTA funded facilities to meet the FTA *State of Good Repair Requirement*. The preventive maintenance funding will ensure that Wave Transit vehicles are safe, reliable, and provide a positive and comfortable experience on Wave Transit routes throughout the region. Americans with Disabilities Act (ADA) compliance utilized under the funding will be used to offset the cost of providing complementary ADA service for passengers unable to access Wave Transit fixed routes. Paratransit services provided under the WMPO authorized funding include specialized origin to destination van service. In August 2017 the Authority provided 1,775 ADA passenger trips. The period of performance for the project is 07/01/2017 through 06/30/2018.
4. **Replacement CNG Buses** - (no change) In February 2017 the WMPO appropriated \$372,000 in FHWA funding for two replacement CNG buses. The Authority has a contract for the vehicles with Gillig, LLC. A purchase order for the buses was approved by the Authority on June 22, 2017. Local matching funds have been appropriated by the City of Wilmington. The estimated delivery date is February 19, 2018 for both vehicles.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 6, 2017

WMPO Project Update List
Projects Under Construction

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

Original traffic pattern December 2017

Final Completion is April 2018

- Contractor has completed the culvert
- Contractor is currently rebuilding 3rd Street, and will begin installing base pavement, curb and sidewalk, next week.
- Currently backfilling the 2nd phase of the culvert under S Front Street.
- Full intersection open to Traffic - schedule remains Early November.

Contractor: Mountain Creek Contractors Inc.

Bid Amount: \$3,156,247.36

Estimated Completion Date: December 2017

Percent Complete: 81.7%

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

Open to traffic on December 15, 2017.

Work will continue on Mt. Misery and Cedar hill road until Spring of 2018.

Roadway:

- Progress on mainline continues as 95% is covered with asphalt.
- Working on guardrail/guiderail.
- Working on grading approach slabs for last incomplete structures on mainline.

Contractor: Barnhill Contracting

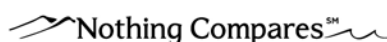
Estimated Completion Date: May 2018

Percent Complete: 79.8%

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

Open to traffic on December 15, 2017.

- Structure 3 & 4 over the CSX RR is complete. Grooving will be complete end of Sept.
- Paving is scheduled to be complete by the end of September 2017.
- 90% complete on the roadway portion of the project.



Contractor: Balfour Beatty Infrastructure
Estimated Completion Date: June 2018

Percent Complete: 91.0%

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

Contractor: Balfour Beatty Infrastructure
Bid Amount: \$22,082,124.13
Waiting on Final Estimate

Percent Complete: 100%

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

Bid Amount: \$4,640,453.87

Percent Complete: 99.9%. Waiting on final estimate.

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

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

- Mast arm for traffic signal has been installed at Kerr Ave. and Randall Prkwy.
- Sidewalk, curb and gutter installed from STA 31+08 to 50+00 LT –L-
- Curb and Gutter, installed on Cinema Drive from STA 14+50 to 8+85 LT and RT
- Sidewalk installed on Cinema Dr from STA 14+50 to 8+85 RT

Contractor: Sealand Contractors Corp.
Bid Amount: \$22,000,000.58
Estimated Completion date: November 2018

Percent Complete: 49.3%

Wrightsville Avenue (EB-4411C: DC00119):

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

Contractor: Highland Paving Company
Bid Amount: \$1,540,740.05

Percent Complete: 100.0%. Waiting on Final Estimate

B-4929: (C203789) Bridge @ Surf City NC 50/210 - replace bridge #16 over the inter-coastal waterway with a fixed span high rise structure. All foundation piles were driven before April 1st. Contractor placing concrete for columns and bent cap.

Y-1 construction ongoing, utility work to begin Mid Oct.

Contractor: Balfour Beatty Infrastructure
Bid Amount: \$53,651,508.35

Estimated Contract Completion Date November 2020

Percent Complete: 38.3%

Future Projects

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

ROW and Utilities: FY 2018 – FY 2020.

Let date for construction: FY 2020.

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

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

Let Date September 2020

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

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

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

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

Let Date September 2017

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

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

Realignment of Lendire Road currently under construction by NCDOT.

Construction forecasted from FY2017 - FY2021

Let Date October 2017

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

Let Date June 2018

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

Let Date October 2018

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

Let Date December 2018

U-5710: US 74 (Eastwood Road) from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway. **Let Date July 2021**

U-5729: US 421 (Carolina Beach Road) from Burnett Avenue to US 117 (Shipyard Blvd) upgrade the roadway.
Let Date July 2021

U-5790: US 421 (Carolina Beach Road) widen existing US 421 from Sanders Road to NC 132 (College Road) and construct fly-overs at Monkey Junction intersection
Design Build Selection Date January 2020

U-5731: US 74 (US 17/US 421 in Wilmington)
Construct a Fly-Over and Free Flow Ramp at interchange. **Let Date September 2022**

R-5701: US 117 Business (Intersection of N. Walker Street and E. Wilmington Street)
Construct roundabout.
Let Date for construction: FY 2020

U-5732: US 17 (Ocean Highway in Hampstead)
Convert to superstreet from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road). **Note: Will be built in conjunction with Hampstead Bypass.**
Let Date September 2020

U-5734: US 421 (South Front Street)
Widen to multi-lanes from US17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Blvd.)
Let Date September 2023. Right of Way and Utilities Let 2021

U-5710: US 74 (Eastwood Road) construct an interchange at the at-grade intersection of SR 1409 (Military Cutoff Road) & US 74 (Eastwood Road)
Let Date January 2022

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

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

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

Resurfacing Contracts - New Hanover County

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

- SR 1318 (Blue Clay Rd.)** – from radius at intersection of SR 1322 (Kerr Ave.) to pvmt seam at US 117. 2.89 miles.
- SR 1324 (Sheridan Dr.)** – from NC 133 to SR 1325 (Long Leaf Drive).
- SR 1325 (Long Leaf Dr.)** – from SR 1326 (Laurel Drive) to SR 1358 (Holland Drive).
- SR 1326 (Laurel Dr.)** – from SR 1358 (Holland Drive) to dead end.
- SR 1332 (Chair Rd.)** – from NC 133 west on NC 133.
- SR 1382 (Garden Place Dr.)** – from NC 132 to SR 1387 (Hyacinth Ave.)
- SR 1383 (Wedgewood Rd.)** – from SR 1382 (Garden Place Dr.) to dead end.
- SR 1387 (Hyacinth Ave.)** – from SR 1382 (Garden Place Dr.) to dead end.
- SR 1668 (Balsam Dr.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1668 (Balsam Dr.).
- SR 1669 (Darley Ln.)** – from SR 1667 (Hickory Knoll Dr.) to SR 1686 (Royal Oak Dr.)
- SR 1686 (Royal Oak Dr.)** – SR 1492 (Myrtle Grove Rd.) to SR 1667 (Hickory Knoll Dr.)
- SR 2071 (Arlene Dr.)** – from NC 133 to end of maintenance.
- SR 2181 (Blue Clay Rd. / Dairy Farm Rd.)** – from SR 1002 (Holly Shelter Rd.) to SR 1336 (Sidbury Rd.).
- SR 2199 (Creekstone Ln.)** – from SR 1335 (Parmele Rd.) to end of maintenance.
- SR 2200 (Plum Tree Lane)** – from SR 2199 (Creekstone Ln.) to end of maintenance.
- SR 2501 (Access Rd. to Monkey Jct.)** – from US 421 to US 421.
- SR 1322 (Murrayville Rd.)** – from SR 2234 (Brittany Rd.) to SR 2691 (Retriever Dr.).
- SR 2313 (Wilshire Blvd.)** – from west of SR 1175 (Kerr Ave.) to east of Rosemont Ave.
- SR 1400 (Flutch Creek Rd./Champ Davis Rd.)** – from south of SR 2845 (Market Street) to SR 1491 (Porters Neck Rd.)
- SR 2652 (Northchase Pkwy. NE)** – from US 117 to cul-de-sac

Let Date Spring: 2017

Estimated Completion Date: November 2017

Percent Complete: 43.9%

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

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

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

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

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

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

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

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

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

Resurface the following secondary routes in New Hanover County:

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

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

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

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

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

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

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

Widen & resurface following routes in New Hanover County:

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

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

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

New Hanover:

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

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

No activity to report to date

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

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

Contractor: Barnhill Contracting Company

Estimated Contract Completion Date: October 2017

Percent Complete: 36.3%

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

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

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

Includes safety projects:

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

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

Contractor: Barnhill Contracting Company

Percent Complete: 44.2%. Estimated Contract Completion Date: February 2018

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

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

No activity to report to date

Resurfacing Projects - Brunswick County

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

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

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

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

Estimated Completion Date: December 2017

Percent Complete: 64.3%

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

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

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

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

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

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

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

Contractor: S.T. Wooten

Percent Complete: 100.0%. Waiting on final estimate

Resurfacing Contract: DC00117, Brunswick County:

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

Contractor: Highland Paving Company

Percent Complete: 100%. Waiting on final estimate

Resurfacing Contract: 2016, C203760, Brunswick County:

US 17 NBL & SBL resurfacing from NC 904 to South Carolina line
SR 1139 (Seashore Road) resurfacing from NC 130 (Holden Beach Road) to **SR 1137 (Boones Neck Road)**
SR 1184 (Ocean Isle Beach Road) resurfacing from US 17 to NC 904/179
SR 1241 (Milliken Avenue) resurfacing from **SR 1242 (Beach Drive)** resurfacing from NC 179 Bus. to end of the system
SR 1940 (Claremont Drive) resurfacing from SR 1941 (Stratford Place) to end of the system
SR 1941 (Stratford Place) resurfacing from SR 1943 (Country Club Drive) to SR 1940 (Claremont Drive)
SR 1942 (Bruce Lane) resurfacing from SR 1941 (Stratford Place) to SR 1944 (Deep Branch Road)
SR 1944 (Deep Branch Road) resurfacing from SR 1942 (Bruce Lane) to SR 1940 (Claremont Drive)
SR 1813 (Pinewood Drive) resurfacing from SR 1950 (Camelia Drive) to end of system
SR 1943 (Country Club Drive) resurfacing from SR 1949 (Brierwood Road) to SR 1941 (Stratford Place)
SR 1949 (Brierwood Road) resurfacing from SR 1943 (Country Club Drive) to Shallotte City Limits
SR 1950 (Camelia Drive) resurfacing from SR 1141 (Kirby Road) to SR 1813 (Pinewood Drive)
SR 1951 (Driftwood Acres Drive) resurfacing from SR 1950 (Camelia Drive) to end of the system
SR 1952 (Myrtlewood Drive) resurfacing from SR 1950 (Camelia Drive) to end of the system

Percent Complete: 100%

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

No activity to report to date

Additional updates

Resurfacing & System Preservation

Carolina Beach Road – Work should be complete by October

I-40 Pender County (from MM 393 to MM 408) Westbound Friction Course complete, eastbound Mill and Fill is complete. Friction Course is underway.

College Road Project-Contractor has pulled off to complete other projects.

I-140 Resurfacing is ongoing.

This seasons resurfacing projects (Division wide) are underway.

Next seasons resurfacing projects are being Let and soon to be underway.

Saturday October 21st – Ironman (formerly Beach2Battleship)

The route is changing and they will no longer be on the I-140 stretch they will now come from Wrightsville Beach and down Eastwood Road and MLK.

Sunday November 5th – Battleship Half Marathon

Project Team

Project Team is currently managing 94 active projects.

Managing 55 STIP Projects. 11 Safety Projects, 4 Bike/Ped Projects, and 24 Locally Administered Projects.

Working on assigning the latest 10 STIP projects to design firms. Scoping meetings will begin on these projects soon.

Upcoming STIP/Safety Project Let Dates:

September: Ocean Isle Beach Roundabout (re-let)

- **Changes to Project Update List made September 27, 2017**

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