



WILMINGTON URBAN AREA Metropolitan Planning Organization

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

Members:

City of
WILMINGTON
Lead Planning Agency

Town of
CAROLINA BEACH

Town of
KURE BEACH

Town of
WRIGHTSVILLE BEACH

NEW HANOVER
County

Town of
BELVILLE

Town of
LELAND

Town of
NAVASSA

BRUNSWICK
County

PENDER
County

CAPE FEAR
Public Transportation
Authority

North Carolina
BOARD OF
TRANSPORTATION

Technical Coordinating Committee Meeting Agenda

TO: Technical Coordinating Committee Members
FROM: Mike Kozlosky, Executive Director
DATE: March 4, 2015
SUBJECT: March 11th meeting

A meeting of the WMPO Technical Coordinating Committee will be held on Wednesday, March 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 Minutes:
 - a. 2/11/15
- 3) Presentation
 - a. Focus Update, Adrienne Cox, FOCUS
- 4) Consent Agenda
 - a. Resolution approving STIP/MTIP Modification (February)
 - b. Resolution approving 2014-2015 Unified Planning Work Program Amendments
 - c. Resolution approving 2015-2016 Unified Planning Work Program Amendments
 - d. Resolution adopting amendments to Cape Fear Commutes 2035 Long Range Transportation Plan Amendments
 - e. Opening of the 30-day Public Comment Period for STIP/MTIP Amendments (March)
- 5) Public Hearing
 - a. DRAFT 2015-2025 State/Metropolitan Transportation Improvement Program
- 6) Regular Agenda
 - a. Resolution in support of the a partnership between the Gullah Geechee Cultural Heritage Corridor Commission and the East Coast Greenway Alliance
 - b. Resolution Requesting NCDOT fund a Deputy Division Engineer in Division 3
- 7) Discussion
 - a. DRAFT Memorandum of Understanding
 - b. Cape Fear Transportation 2040
 - c. Future Potential Long-Range Planning Studies
- 8) Updates

- a. Crossing over the Cape Fear River Work Group
- b. Wilmington MPO
- c. Cape Fear Public Transportation Authority
- d. NCDOT Division
- e. NCDOT Transportation Planning Branch
- 9) Announcements
 - a. WMPO Bike/Ped Committee Meeting-March 19, 2015
 - b. TAP-DA Call for Projects Due- April 3, 2015
- 10) Next meeting –April 15, 2015

Attachments:

- Minutes 2/11/15 meeting
- STIP/MTIP Modifications (February)
- Resolution approving STIP/MTIP Modification (February)
- Proposed 2014-2015 Unified Planning Work Program Amendments
- Proposed 2014-2015 Unified Planning Work Program Budget Revisions
- Resolution approving 2014-2015 Unified Planning Work Program Amendments
- Proposed 2015-2016 Unified Planning Work Program Amendments
- Resolution approving 2015-2016 Unified Planning Work Program Amendments
- Resolution adopting amendments to Cape Fear Commutes 2035 Long Range Transportation Plan Amendments
- 2012-2018 STIP/MTIP Amendments (March)
- DRAFT 2015-2025 State/Metropolitan Transportation Improvement Program
- Resolution in support of the a partnership between the Gullah Geechee Cultural Heritage Corridor Commission and the East Coast Greenway Alliance
- Resolution Requesting NCDOT fund a Deputy Division Engineer in Division 3
- DRAFT Memorandum of Understanding
- Future Potential Long-Range Planning Studies Memo
- Future Potential Long Range Planning Studies Scoring Memo
- Cape Fear River Crossing Update (March)
- Wilmington MPO Project Update (March)
- Cape Fear Public Transportation Authority Update (March)
- NCDOT Project Update (March)

**Wilmington Urban Area
Technical Coordinating Committee
Meeting Notes for February 11, 2015**

Members Present:

Mike Kozlosky, City of Wilmington
Adrienne Harrington, TDM Coordinator
Ed Parvin, Town of Carolina Beach
Ken Vafier, New Hanover County
Megan Matheny, WAVE Transit
Helen Bunch, Brunswick County
Stephanie Ayers, NC Ports
Patrick Riddle, NCDOT Division 3
Robert Waring, Town of Leland
Whitney Prease, Wilmington International Airport

Athina Williams, Town of Belville
Allen Serkin, Cape Fear COG
Megan O'Hare, Pender County
Trey Burke, Town of Navassa
Don Bennett, City of Wilmington
Nancy Avery, Town of Kure Beach
Nora McCann, NCDOT Planning Branch
Zach Steffey, Town of Wrightsville Beach

Others Present

Loretta Barren, FHWA
Rockne Bryant, NCDOT

1. Call to Order

Mr. Kozlosky called the meeting to order at 10:06am.

2. Approval of Minutes

The minutes for the meeting January 14, 2015 were approved unanimously.

3. Presentations

a. Federal Functional Classification Update, Nora McCann

Ms. Nora McCann and Mr. Rockne Bryant, with the NCDOT Transportation Planning Branch gave a presentation on the Federal Functional Classification Update. Ms. McCann explained that functional classification is a process to group streets and highways into classes and the services that they are intended to provide. Ms. McCann noted that the 2010 census was the spring-board for the update.

Mr. Bryant told members that the Department updates the classification system every 10 years across the State. The process gives all the MPOs and RPOs a chance to review and make necessary changes or corrections. He noted that changes can also be made throughout the year by submitting a change-request. Mr. Bryant reviewed the changes submitted to FHWA from NCDOT.

Mr. Kozlosky explained that local jurisdictions tie density to the Functional Classification Maps. Mr. Vafier told members that requirements for different types of projects are based on their locations. The maps are used in helping to determine set-backs and other dimensional requirements. Ms. O'Hare noted that the maps are used in determining individual driveway access points in residential subdivisions in Pender County.

Mr. Bryant told members that updated maps are going to be live on the GIS website in an effort to move away from paper map versions. Mr. Kozlosky stated that he has significant concern about the online maps and staff would prefer to have a hard-copy. Mr. Kozlosky said he was also concerned about the timeline of the updates to the information reflected on the maps. Ms. Barren suggested

adding a date-field to the maps so everyone will know when the last updates were made. Mr. Bennett suggested keeping a PDF of the maps in order to track progression of the updates. Mr. Serkin told members he has concerns regarding the approval dates from FHWA. If they have approved a revision and the quarterly update has not yet been released, problems may occur if permits are denied because the changes have not yet be added to the Functional Classification Map GIS file. He requested that any changes be communicated down the line on the day FHWA approves those functional class changes. Mr. Bryant said he would coordinate with FHWA and make the information available.

Ms Rashid suggested that the Transportation Planning Branch staff include a Functional Classification Map as part of the meeting agenda packet for TCC and TAC meetings every month, even if there are no changes.

Following some additional discussion, Mr. Bryant told members that Road Characteristics information, which includes the current Functional Classification system, is available online at GO! NC, a NCDOT portal where you can access and publish geospatial information pertaining to transportation in North Carolina; as well as, the information is also available for download as GIS shapefile directly from the NCDOT GIS Unit on connect.ncdot.gov.

4. Consent Agenda

- a. **Opening of the 30-day Public Comment Period for STIP/MTIP Amendments (February)**
- b. **Resolution approving 2014-2015 Unified Planning Work Program Amendments**

Ms. Avery made the motion to approve the items on the consent agenda and forward to the TAC for consideration. Ms. Harrington seconded the motion and it carried unanimously.

5. Regular Agenda

- a. **Resolution supporting the Town of Leland's Request for the use of STP-DA balances for the Old Fayetteville Road Multi-use Path**

Mr. Kozlosky told members that the Town of Leland has requested \$163,000 from the STP-DA balance from FY13 for additional right-of-way and construction for the Old Fayetteville Road Multi-use Path. In a letter received from their Town Manager, Mr. Hollis explained that based on the Town's conversations with NCDOT, it was determined that the project must be moved to the southern side of Old Fayetteville Road. To do so will necessitate obtaining additional easements for the project. The Town is requesting an additional \$163,000 from the STP-DA reserve funds for the additional easements.

Mr. Bennett made the motion to support the Town of Leland's request for the use of STP-DA balances for the Old Fayetteville Road multi-use path and forward to the TAC for consideration. Mr. Riddle seconded the motion and it carried unanimously.

6. Discussion

- a. **Cape Fear Transportation 2040**
 - i. **Public Outreach Schedule**

Ms. Rashid told members that staff will be pushing back the open house meetings to April. She said staff is in the process of locking in dates and locations for seven public meetings. Once the

schedule is finalized, staff will send out notices. She noted that public comment will also be accepted online. Ms. Rashid said comments will be accepted through the end of April.

b. Wilmington MPO Logo Update

Mr. Kozlosky told members that the TAC agreed on the name Greater Wilmington Transportation Planning Organization (GWTPO). Staff will begin the process of updating the MOU and once that has been adopted, the MPO will begin using the new name.

c. Future Potential Long-Range Planning Studies

Mr. Kozlosky told members that based on the discussion at the last meeting, member jurisdictions were asked to submit studies for funding consideration over the next three years. He noted that staff received 17 submittal requests. Mr. Kozlosky suggested establishing a prioritization process to rank the projects/studies. Ms. Matheny suggested obtaining cost estimates for the studies as part of the prioritization process. Mr. Kozlosky asked that members to develop a cost estimate for each of the studies and send the information to him by February 20th. He said staff will work to develop a ranking process for the studies and bring it back to the next meeting.

d. STIP/MTIP Modifications

Mr. Kozlosky told members that staff will be bringing STIP/MTIP modifications to the next meeting for consideration.

7. Updates

Updates are included in the agenda packet.

8. Announcements

9. Adjournment

With no further items, the meeting was adjourned at 11:35pm.

**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 2012-2018 STP Program

STIP/MTIP Modification (February)

I-5357	I-40, SOUTH OF NC 53 (MILE POST 398.5) TO NORTH OF SR 1412	CONSTRUCTION FY 2015:
PENDER	(MILE POST 403.0) IN PENDER COUNTY AND SOUTH OF NC 210	<u>\$13,655,000</u> (NHPIM)
NEW HANOVER	(MILE POST 408.6) IN PENDER COUNTY TO END OF I-40	\$13,655,000
PROJ.CATEGORY	(MILE POST 420) IN NEW HANOVER COUNTY. PAVEMENT	
STATEWIDE	REHABILITATION. EXTEND PROJECT LIMITS TO ADDRESS	
	PAVEMENT CONDITIONS.	

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

**RESOLUTION APPROVING THE MODIFICATION OF THE
2012-2018 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 2012-2018 State Transportation Improvement Program on July 7, 2011 and the Wilmington Metropolitan Planning Organization adopted the Statewide/Metropolitan Transportation Improvement Program on August 11, 2011; and

WHEREAS, the Wilmington MPO desires to modify the State/Metropolitan Transportation Improvement Programs for pavement rehabilitation to extend the project limits to include I-40, south of NC 53 (MILE POST 398.5) to north of SR 1412 (MILE POST 403.0) in Pender County and south of NC 210 (MILE POST 408.6) in Pender County to end of I-40 (MILE POST 420) in New Hanover County.

NOW THEREFORE, be it resolved by the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee approves modifying the 2012-2018 State/Metropolitan Transportation Improvement Programs for pavement rehabilitation to extend the project limits to include I-40, south of NC 53 (MILE POST 398.5) to north of SR 1412 (MILE POST 403.0) in Pender County and south of NC 210 (MILE POST 408.6) in Pender County to end of I-40 (MILE POST 420) in New Hanover County.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

2014-2015 Unified Planning Work Program Amendments
March 11, 2015

II-B-10 Transit Element of LRTP - Based on anticipated expenditures the line items increased by \$3,000.

III-E Management and Operations - Based on anticipated expenditures the line items decreased by \$3,000.

FY 2014-2015 Revised Unified Planning Work Program Budget

Wilmington MPO		SPR		SEC. 104 (f) PL		SECTION 5303			SECTION 5307			ADDITIONAL FUNDS		TASK FUNDING SUMMARY			
TASK CODE	TASK DESCRIPTION	Highway		Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	STP-DA		STATE	FEDERAL	TOTAL	
		NCDOT 20%	FHWA 80%									Local 20%	FHWA 80%				LOCAL
II-A	Surveillance of Change																
II-A-1	Traffic Volume Counts			8,400	33,600									8,400	0	33,600	42,000
II-A-2	Vehicle Miles of Travel			50	200									50	0	200	250
II-A-3	Street System Changes			50	200									50	0	200	250
II-A-4	Traffic Accidents			250	1,000									250	0	1,000	1,250
II-A-5	Transit System Data			100	400	1,767	1,767	14,138						1,867	1,767	14,538	18,172
II-A-6	Dwelling Unit, Pop. & Emp. Change			2,000	8,000									2,000	0	8,000	10,000
II-A-7	Air Travel			50	200									50	0	200	250
II-A-8	Vehicle Occupancy Rates			50	200									50	0	200	250
II-A-9	Travel Time Studies			50	200									50	0	200	250
II-A-10	Mapping			1,000	4,000									1,000	0	4,000	5,000
II-A-11	Central Area Parking Inventory			0	0									0	0	0	0
II-A-12	Bike & Ped. Facilities Inventory			50	200									50	0	200	250
II-B	Long Range Transp. Plan			0	0									0	0	0	0
II-B-1	Collection of Base Year Data			0	0									0	0	0	0
II-B-2	Collection of Network Data			0	0									0	0	0	0
II-B-3	Travel Model Updates			0	0									0	0	0	0
II-B-4	Travel Surveys			0	0									0	0	0	0
II-B-5	Forecast of Data to Horizon year			0	0									0	0	0	0
II-B-6	Community Goals & Objectives			4,400	17,600	454	454	3,632						4,854	454	21,232	26,540
II-B-7	Forecast of Future Travel Patterns			0	0									0	0	0	0
II-B-8	Capacity Deficiency Analysis			600	2,400									600	0	2,400	3,000
II-B-9	Highway Element of the LRTP			2,600	10,400									2,600	0	10,400	13,000
II-B-10	Transit Element of the LRTP			200	800	754	754	6,032						954	754	6,832	8,540
II-B-11	Bicycle & Ped. Element of the LRTP			2,000	8,000									2,000	0	8,000	10,000
II-B-12	Airport/Air Travel Element of LRTP			600	2,400									600	0	2,400	3,000
II-B-13	Collector Street Element of LRTP			600	2,400									600	0	2,400	3,000
II-B-14	Rail, Water or other mode of LRTP			1,400	5,600									1,400	0	5,600	7,000
II-B-15	Freight Movement/Mobility Planning			1,400	5,600									1,400	0	5,600	7,000
II-B-16	Financial Planning			400	1,600	950	950	7,601						1,350	950	9,201	11,501
II-B-17	Congestion Management Strategies			1,200	4,800									1,200	0	4,800	6,000
II-B-18	Air Qual. Planning/Conformity Anal.			0	0									0	0	0	0
III-A	Planning Work Program			200	800									200	0	800	1,000
III-B	Transp. Improvement Plan			200	800									200	0	800	1,000
III-C	Cvl Rgts. Cmp/Otr .Reg. Reqs.			0	0									0	0	0	0
III-C-1	Title VI			100	400	1,190	1,190	9,516						1,290	1,190	9,916	12,396
III-C-2	Environmental Justice			100	400									100	0	400	500
III-C-3	Minority Business Enterprise			100	400	1,188	1,188	9,502						1,288	1,188	9,902	12,378
III-C-4	Planning for the Elderly & Disabled			50	200									50	0	200	250
III-C-5	Safety/Drug Control Planning			0	0									0	0	0	0
III-C-6	Public Involvement			1,000	4,000	1,189	1,189	9,514						2,189	1,189	13,514	16,892
III-C-7	Private Sector Participation			50	200									50	0	200	250
III-D	Incidental Ping./Project Dev.			0	0									0	0	0	0
III-D-1	Transportation Enhancement Ping.			50	200									50	0	200	250
III-D-2	Enviro. Analysis & Pre-TIP Ping.			50	200									50	0	200	250
III-D-3	*Special Studies			14,000	56,000									14,000	0	56,000	70,000
III-D-4	Regional or Statewide Planning			200	800									200	0	800	1,000
III-E	Management & Operations			30,600	122,400	2,422	2,422	19,377						50,000	200,000	83,022	242,221
TOTALS		0	0	74,150	296,600	9,914	9,914	79,312						50,000	200,000	134,064	719,890

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

**RESOLUTION AMENDING THE FISCAL YEAR 2014-2015 UNIFIED PLANNING WORK
PROGRAM OF THE WILMINGTON URBAN AREA METROPOLITAN PLANNING
ORGANIZATION**

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 fiscal year 2014-2015 Unified Planning Work Program documenting the comprehensive and continuing transportation planning program in the Wilmington Urban Area was adopted by the Wilmington MPO's Transportation Advisory Committee; and

WHEREAS, the need for amendments of the fiscal year 2014-2015 Unified Planning Work Program has subsequently been evaluated and justified in order to effectively advance transportation planning for fiscal year 2014-2015; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the fiscal year 2014-2015 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington MPO proposes amendments to the 2014-2015 Unified Planning Work Program to reflect current and anticipated expenditures.

NOW THEREFORE, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee hereby approves the amendments to the fiscal year 2014-2015 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary
Transportation Advisory Committee

Wilmington Urban Area Transportation Planning Work Program

Fiscal Year 2015-2016



**Adopted
January 28, 2015**

Amended

**FY 2015-2016 UNIFIED PLANNING WORK PROGRAM
for the
WILMINGTON, NORTH CAROLINA URBAN AREA**

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Introduction

In compliance with Federal law and in the spirit of cooperation, the Wilmington Urban Area conducts a “cooperative, comprehensive, and continuing....” transportation planning process. This Planning Work Program (PWP) outlines the tasks and associated funding sources dedicated to the Wilmington Urban Area MPO transportation planning process during fiscal year 2015-2016. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

The PWP for the Wilmington Urban Area identifies four separate funding sources for Urban Area transportation planning. A brief description of these funding sources follows:

- Statewide Planning and Research Programs (SPR)-These funds are used by NCDOT to conduct work for the Wilmington Urban Area MPO.
- Federal Highway Administration Section 104(f) Funds-These funds are dedicated to the urban area to perform transportation planning. They require a 20% local match.
- Federal Transit Administration Section 5303 Funds-These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Surface Transportation Program-Direct Attributable Funds- These funds are dedicated to Transportation Management Areas and these funds can be used to perform transportation planning. They require a 20% local match.

The local match requirements will be shared by all members of the Wilmington Urban Area MPO in direct proportion to population as defined in the Wilmington Urban Area MPO Memorandum of Understanding.

Narrative of PWP Section 104(f) Work Tasks to be Performed in FY 2015-2016

(Primary work to be performed by lead planning agency staff except where noted.)

Line Item Code

II-A1 Traffic Volume Counts- Wilmington MPO staff maintains an ongoing traffic counting program. An annual summary of the urban area traffic counts and accident data will be prepared and uploaded to the WMPO website.

II-A2 Vehicle Miles of Travel- Establish VMT as measure of effectiveness of transportation system. Measure the VMT with the new travel demand model.

II-A3 Street System Changes- Update of street system database as needed.

II-A4 Traffic Accidents-Currently MPO staff conducts an ongoing effort to summarize traffic accident data for specific projects. MPO staff also utilizes accident data for specific inquiries.

II-A5 Transit System Data- Update of transit system database as needed.

II-A6 Dwelling Unit, Population, Employment Changes- Will measure land use changes by Transportation Analysis Zone between 2010 Census and travel demand model base year. Staff will provide capacity analysis for proposed developments within the Wilmington planning area boundary.

II-A7 Air Travel- Assistance to Wilmington International Airport as needed.

II-A8 Vehicle Occupancy Rate Counts- Monitor VOC as needed.

II-A9 Travel Time Studies- Conduct key travel time studies for travel demand model and development of the Long Range Transportation Plan.

II-A10 Mapping- Keep Geographic Information System files current and produce maps to support the TCC and TAC, transportation plans, programs, and projects.

II-A11 Central Area Parking Inventory- No tasks foreseen.

II-A12 Bicycle and Pedestrian Facilities Inventory- Update bicycle suitability assessment of federal-aid functionally classed roadways.

II-B1 Collection of Base Year Data- No tasks foreseen.

II-B2 Collection of Network Data- No tasks foreseen.

II-B3 Travel Model Updates- No tasks foreseen.

II-B4 Travel Surveys- No tasks foreseen.

II-B5 Forecast of Data to Horizon Year-No tasks foreseen.

II-B6 Community Goals and Objectives- Monitor public input as it pertains to goals and objectives set forth in the update of the Long Range Transportation Plan. Staff the Citizen Advisory Committee (CAC). **Implementation of the Performance Measures from MAP-21.**

II-B7 Forecast of Future Year Travel Patterns- No tasks foreseen.

II-B-8 Capacity Deficiency Analysis- Identify areas of deficient capacity through use of travel demand model for further analysis as potential long range transportation improvement projects.

II-B9 Highway Element of Metropolitan Transportation Plan (MTP)- Identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies. Provide documentation of process and recommendations in the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B10 Transit Element of Metropolitan Transportation Plan- Identify public transportation deficiencies, priorities, and proposed transit improvement solutions for inclusion in the update of the MTP. Provide documentation of process and recommendations in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B11 Bicycle and Pedestrian Element of the Metropolitan Transportation Plan- Identify bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies. Provide documentation of the process and recommendations in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B12 Airport/Air Travel Element of the Metropolitan Transportation Plan - Identify airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B13 Collector Street Element of Metropolitan Transportation Plan- Develop regionally acceptable collector street policies and program recommendations for inclusion in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B14 Rail, Waterway and Other Elements of Metropolitan Transportation Plan - Identify rail and waterway deficiencies, priorities, and proposed rail and waterway improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B15 Freight Movement/Mobility Planning- Identification of freight movement deficiencies, priorities, and proposed improvement solutions and strategies. Provide documentation of process and recommendations in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B16 Financial Planning- Develop realistic, best estimates of funding sources available and project cost estimates throughout the forecast years for the MTP. Ensure fiscal constraint in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B17 Congestion Management Strategies- Develop strategies to address and manage congestion by increasing transportation system supply, reducing demand by application of alternative mode solutions, and transportation system management strategies. Evaluate strategies developed for the Congestion Management Process. Document process and solutions in the update of the MTP. **Implementation of the Performance Measures from MAP-21.**

II-B-18 Air Quality Planning/ Conformity Analysis- No tasks foreseen.

III-A Planning Work Program- Evaluation of FY 2015 PWP and development of FY 2016 PWP.

III-B Transportation Improvement Program-Review and amend the 2012-2018 Transportation Improvement Program on an as needed basis.

III-C1 Title VI Compliance-Work to insure compliance with the requirements of Title VI in urban area policies and practices.

III-C2 Environmental Justice- Analysis and outreach to insure that transportation plans and projects comply with Environmental Justice policies.

III-C3 MBE Planning- Activities to encourage participation of minority-owned business enterprises in contractual and supply opportunities.

III-C4 Planning for the Elderly and Disabled- Ensure the special needs of the elderly and disabled are addressed in all transportation planning projects.

II-C5 Safety/Drug Control Planning- No tasks foreseen by the MPO.

III-C6 Public Involvement- Extensive Public Participation effort will be carried out to solicit input and reaction to the completion of planning studies within the Wilmington MPO's planning area boundary.

III-C7 Private Sector Participation- Activities to encourage private sector participation in planning and project activities.

III-D1 Transportation Enhancement Planning- Prepare and submit applications for potential transportation enhancement funding in the Wilmington Urban Area.

II-D2 Environmental and Pre-TIP Planning- Conduct environmental analysis and planning for the development of transportation projects in the Wilmington Urban Area.

III-D3 Special Studies- Consultant will be contracted to assist in the completion of the Metropolitan Transportation Plan and other studies completed by the MPO.

III-D4 Statewide and Regional Planning- Coordination of urban area activities with statewide and regional initiatives.

III-E Management and Operations- Required ongoing administrative and operational tasks to support MPO committees and reporting requirements.

MPO	Wilmington
FTA Code	442100-
Task Code	II-A-5
Title	Transit System Data
Task Objective	Collect and analyze data for route planning and submission to NTD
Tangible Product Expected	Accurate data from multiple data collection devices onboard Wave Transit vehicles and other sources to ensure compliance with National Transit Database requirements
Expected Completion Date of Products	June 2015
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	1,203
Section 5303 NCDOT 10%	1,203
Section 5303 FTA 80%	9,624
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-B-6
Title	Community Goals & Objectives
Task Objective	Interpret and communicate with members of the Authority and WMPO TCC and TAC adopted planning documents defining community goals and objectives
Tangible Product Expected	Service offerings that are compliant with adopted plans that outlined the goals of the community for public transportation in the region
Expected Completion Date of Products	June 2015
Previous Work	Communication of goals and objectives to decision makers and the public
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	401
Section 5303 NCDOT 10%	401
Section 5303 FTA 80%	3,208
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-B-10
Title	Transit Element of the LRTP
Task Objective	Provide input to CAC, TCC and TAC regarding long range transit plans for the region
Tangible Product Expected	Informed decisions regarding long range public transportation plans leading to a realistic planning document for the region
Expected Completion Date of Products	June 2015
Previous Work	Provided input and educated decision makers regarding the federal and state public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	401
Section 5303 NCDOT 10%	401
Section 5303 FTA 80%	3,208
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-B-16
Title	Financial Planning
Task Objective	Plan capital and operating cost estimates to ensure fiscal compliance and maintain the adopted level of transit service
Tangible Product Expected	Short range financial plans based on current federal and state legislation to ensure that transit services are provided in a consistent manner utilizing the most economical and efficient methods
Expected Completion Date of Products	June 2015
Previous Work	Financial planning of the public transportation program
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	802
Section 5303 NCDOT 10%	802
Section 5303 FTA 80%	6,416
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-C-1
Title	Title VI
Task Objective	Interpret and prepare Title VI documents and monitor Title VI efforts to ensure compliance with FTA approved Title VI program
Tangible Product Expected	Compliance with the Title VI circular and adopted Title VI program
Expected Completion Date of Products	June 2015
Previous Work	Title VI program development and compliance efforts
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	802
Section 5303 NCDOT 10%	802
Section 5303 FTA 80%	6,416
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-C-3
Title	Minority Business Enterprise
Task Objective	Implement and monitor the MBE program to be compliant with adopted MBE program, update MBE goals as required, and undertake MBE outreach
Tangible Product Expected	MBE participation that is equal to or greater than the adopted and approved MBE goal
Expected Completion Date of Products	June 2015
Previous Work	MBE program oversight
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	802
Section 5303 NCDOT 10%	802
Section 5303 FTA 80%	6,416
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	II-C-6
Title	Public Involvement
Task Objective	Hear and analyze public comment from monthly meetings of the Authority, email comments, written comments and other comments outlined in the Authority Public Involvement Program. Work with public to update LCP, LRTP, SRTP and other planning documents.
Tangible Product Expected	Make recommendations to appropriate parties from comments made to the Authority by members of the community
Expected Completion Date of Products	June 2015
Previous Work	Public comment
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	802
Section 5303 NCDOT 10%	802
Section 5303 FTA 80%	6,416
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

MPO	Wilmington
FTA Code	442100-
Task Code	III-E
Title	Management & Operations
Task Objective	MPO and CFPTA staff will conduct required administrative and operational tasks to support Wave Transit. Periodical reviews of administrative agreements and procedures. Staff will perform daily operations to disseminate planning information to the TAC/TCC committee members, the public and/or other agencies.
Tangible Product Expected	Compliance with FTA and NCDOT requirements, well informed community and elected officials about the public transit program, and functional system that meets the needs of the community
Expected Completion Date of Products	June 2015
Previous Work	Collection of data and submission to NTD
Relationship	This is a collaborative effort of the Wilmington MPO and the Cape Fear Public Transportation Authority (Wave Transit)
Responsible Agency	CFPTA
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	
Section 104 (f) PL, FHWA 80%	
Section 5303 Local 10%	2,807
Section 5303 NCDOT 10%	2,807
Section 5303 FTA 80%	22,456
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

TASK CODE	TASK DESCRIPTION	SPR		SEC. 104 (f) PL		SECTION 5303			SECTION 5307			Additional Funds		TASK FUNDING SUMMARY			
		Highway		Highway / Transit		Transit / Highway			Transit			NGDOT		LOCAL	STATE	FEDERAL	TOTAL
		NGDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NGDOT 10%	FTA 80%	Local 10%	NGDOT 10%	FTA 80%	Local 20%	FHWA 80%				
II-A	Surveillance of Change																
I-A-1	Traffic Volume Counts			8,400	33,600									8,400		33,600	42,000
I-A-2	Vehicle Miles of Travel			60	200									60		200	260
I-A-3	Street System Changes			60	200									60		200	260
I-A-4	Traffic Accidents			800	2,400									800		2,400	3,000
I-A-5	Transit System Data			100	400	1,203	1,203	9,824						1,303	1,203	10,024	12,530
I-A-6	Dwelling Unit, Pop. & Emp. Change			3,000	12,000									3,000		12,000	15,000
I-A-7	Air Travel			60	200									60		200	260
I-A-8	Vehicle Occupancy Rates			60	200									60		200	260
I-A-9	Travel Time Studies			60	200									60		200	260
I-A-10	Mapping			1,800	6,400									1,800		6,400	8,000
I-A-11	Central Area Parking Inventory			0	0												
I-A-12	Bike & Ped. Facilities Inventory			60	200									60		200	260
II-B	Long Range Transp. Plan																
I-B-1	Collection of Base Year Data			0	0												
I-B-2	Collection of Network Data			0	0												
I-B-3	Travel Model Updates			0	0												
I-B-4	Travel Surveys			0	0												
I-B-5	Forecast of Data to Horizon year			0	0												
I-B-6	Community Goals & Objectives			1,000	4,000	401	401	3,208						1,401	401	7,208	9,010
I-B-7	Forecast of Future Travel Patterns			0	0												
I-B-8	Capacity Deficiency Analysis			1,000	4,000									1,000		4,000	6,000
I-B-9	Highway Element of the LRTP			2,000	8,000									2,000		8,000	10,000
I-B-10	Transit Element of the LRTP			400	1,600	401	401	3,208						801	401	4,808	6,010
I-B-11	Bicycle & Ped. Element of the LRTP			2,000	8,000									2,000		8,000	10,000
I-B-12	Airport/Air Travel Element of LRTP			60	200									60		200	260
I-B-13	Collector Street Element of LRTP			800	2,400									800		2,400	3,000
I-B-14	Rail, Water or other mode of LRTP			60	200									60		200	260
I-B-15	Freight Movement/Mobility Planning			200	800									200		800	1,000
I-B-16	Financial Planning			200	800	802	802	6,416						1,002	802	7,218	9,020
I-B-17	Congestion Management Strategies			700	2,800									700		2,800	3,500
I-B-18	Air Qual. Planning/Conformity Anal			0	0												
III-A	Planning Work Program			200	800									200		800	1,000
III-B	Transp. Improvement Plan			200	800									200		800	1,000
III-C	Civil Rgts. Cmp/Otr .Reg. Reqs.																
II-C-1	Title VI			200	800	802	802	6,416						1,002	802	7,218	9,020
II-C-2	Environmental Justice			200	800									200		800	1,000
II-C-3	Minority Business Enterprises			100	400	802	802	6,416						902	802	6,818	8,520
II-C-4	Planning for the Elderly & Disabled			60	200									60		200	260
II-C-5	Safety/Drug Control Planning			0	0												
II-C-6	Public Involvement			1,200	4,800	802	802	6,416						2,002	802	11,218	14,020
II-C-7	Private Sector Participation			60	200									60		200	260
III-D	Incidental Ping./Project Dev.																
II-D-1	Transportation Enhancement Ping.			800	2,400									800		2,400	3,000
II-D-2	Enviro. Analysis & Pre-TIP Ping.			60	200									60		200	260
II-D-3	Special Studies			18,000	72,000									18,000		72,000	90,000
II-D-4	Regional or Statewide Planning			100	400									100		400	600
III-E	Management & Operations			22,000	88,000	2,807	2,807	22,466				60,000	200,000	74,807	2,807	310,466	388,070
TOTALS				66,160	266,660	8,020	8,020	64,160				60,000	200,000	123,170	8,020	624,786	855,856

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Anticipated DBE Contracting Opportunities for FY 2015-2016

Name of MPO: Wilmington Urban Area MPO

Person Completing Form: Mike Kozlosky Telephone Number: 910-342-2781

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
III-D-3	Special Studies	City of Wilmington	Consultant	\$72,000	\$90,000

RESOLUTION
APPROVING THE FY 2015-2016 PLANNING WORK PROGRAM
OF THE WILMINGTON URBAN AREA

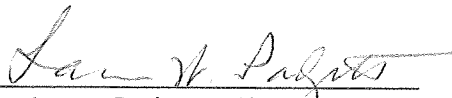
WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Wilmington Urban Area;

WHEREAS, the City of Wilmington has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program (Section 5303) funds and Federal Highway Administration Metropolitan Planning (Section 104(f)) funds;

WHEREAS, members of the Wilmington Urban Area Transportation Advisory Committee agree that the Planning Work Program will effectively advance transportation planning for State Fiscal Year 2015-2016;

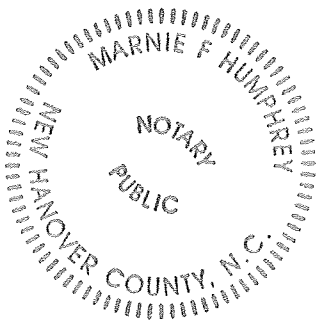
NOW THEREFORE, be it resolved that the Transportation Advisory Committee hereby endorses the FY 2015-2016 Planning Work Program for the Wilmington Urban Area.

I, Laura Padgett, Chair of the Wilmington Urban Area Transportation Advisory Committee do hereby certify that the above is a true and correct copy of the resolution from the meeting of the Wilmington Urban Area Transportation Advisory Committee, duly held on this the 28th day of January, 2015.




Laura Padgett, Chair
Wilmington Urban Area TAC

Subscribed and sworn to me this the 28 day of January, 2015.



My commission expires June 2, 2019



Notary Public

RESOLUTION CONFIRMING TRANSPORTATION PLANNING PROCESS

RESOLUTION CERTIFYING THE WILMINGTON METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2015

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607;

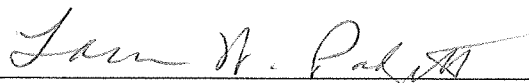
WHEREAS, the Transportation Advisory Committee has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Section 1003(b) of ISTEA of 1991 (Pub. L. 102-240), Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23);

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38);

WHEREAS, the Transportation Plan has a planning horizon year of 2035, and meets all the requirements for an adequate Transportation Plan,

NOW THEREFORE, be it resolved that the Wilmington Urban Area Transportation Advisory Committee certifies the transportation planning process for the Wilmington Metropolitan Planning Organization on this the 28th day of January, 2015.



Laura Padgett

Chair, Transportation Advisory Committee



Mike Kozlosky

Secretary, Wilmington Metropolitan Planning Organization

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

**RESOLUTION AMENDING THE FISCAL YEAR 2015-2016 UNIFIED PLANNING WORK
PROGRAM OF THE WILMINGTON URBAN AREA METROPOLITAN PLANNING
ORGANIZATION**

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 fiscal year 2015-2016 Unified Planning Work Program documenting the comprehensive and continuing transportation planning program in the Wilmington Urban Area was adopted by the Wilmington MPO's Transportation Advisory Committee; and

WHEREAS, the need for amendments of the fiscal year 2015-2016 Unified Planning Work Program has subsequently been evaluated and justified in order to effectively advance transportation planning for fiscal year 2015-2016; and

WHEREAS, the Wilmington Urban Area Metropolitan Planning Organization can amend the fiscal year 2015-2016 Unified Planning Work Program to cover any anticipated expenditures for the fiscal year; and

WHEREAS, the Wilmington MPO proposes amendments to the 2015-2016 Unified Planning Work Program to reflect current and anticipated expenditures.

NOW THEREFORE, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee hereby approves the amendments to the fiscal year 2015-2016 Unified Planning Work Program.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary
Transportation Advisory Committee

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

**RESOLUTION ADOPTING CAPE FEAR COMMUTES 2035 LONG RANGE
TRANSPORTATION PLAN AMENDMENTS**

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 December 15, 2010 the Wilmington MPO adopted the fiscally constrained Cape Fear Commutes 2035 Transportation Plan to satisfy the requirements of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU); and

WHEREAS, on July 18, 2012 the Wilmington MPO was designated a Transportation Management Area (TMA) and with this designation the Wilmington MPO became a recipient of Surface Transportation Program - Direct Attributable (STP-DA) funding and Transportation Alternatives Program – Direct Attributable (TAP-DA) funding; and

WHEREAS, a requirement of the use of STP-DA and TAP-DA funding is that projects be included in the MPO's fiscally-constrained long range transportation plan; and

WHEREAS, in order to maintain a plan that is fiscally constrained, projects of equal or greater value must be removed from the plan; and

WHEREAS, several projects were not included in the adopted Cape Fear Commutes 2035 Transportation Plan but were submitted for consideration for STP-DA and TAP-DA funding to include: four bicycle and pedestrian projects and one intersection project on February 6, 2014, one transit project on August 28, 2014, two bicycle and pedestrian projects on January 28, 2015; and

WHEREAS, the Wilmington MPO Transportation Advisory Committee approved the allocation of STP-DA and TAP-DA funds to each of these projects; and

WHEREAS, the lowest ranking bicycle project in the Cape Fear Commutes 2035 Transportation Plan is a multi-use path between Timour Trail NE and Royster Road Northeast in Navassa; and

WHEREAS, the lowest ranking intersection project in the Cape Fear Commutes 2035 Transportation Plan is a roundabout at Salisbury Street (US74) and Causeway Drive (US76) in Wrightsville Beach; and

WHEREAS, the lowest ranking transit project in the Cape Fear Commutes 2035 Transportation Plan is a bus rapid transit route along Carolina Beach Road; and

WHEREAS, an amendment to remove the lowest ranking bicycle projects, the lowest ranking intersection project, and the lowest ranking transit project would allow Cape Fear Commutes 2035 to remain fiscally constrained with the addition of the approved STP-DA and TAP-DA projects.

NOW THEREFORE, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby adopts Cape Fear Commutes 2035 Transportation Plan Amendments.

ADOPTED at a regular meeting of the Wilmington Urban Area MPO Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

ADDITIONS to the Transit 2012-2018 STIP[illegible]

North Carolina Department of Transportation



WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION SUPPLEMENT

Draft STIP
FY 2015 - 2025
December 2014

DIVISION 00

HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

[illegible][illegible]

ROUTE/CITY
I - Interstate
US or NC Routes
SR - Secondary Road
Various - multiple routes
NEW ROUTE or City /

IDENTIFICATION NUMBER
Assigned to each project at
conception and remains with
project until completion.

ON

LOCATION / DESCRIPTION
Project termini and a general work description.

FUNDING SOURCE (2)

See Highway Funding Key for an explanation of funding categories used for each project phase.

FUNDING CATEGORY (1)

Identifies the "STI" Funding Category for the project and any project breaks.

SW A I-40 TO NC 3
SW B NC 3 TO SR 1003
SW C SR 1003 TO NC 96

PROJECT BREAKS
One or two letter designation for project break.

WORK TYPE (ACTIVITY) (3)

Phases of implementation:
Preliminary engineering, Right of Way,
Mitigation, Utilities or Construction.
For other work types or activities see
Work Type (Activity) box below.

ESTIMATED COST

way, utility, mitigation and construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates **(Cash-Flow Funding)** with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)

**UNFUNDED
FUTURE
COMMITMENTS**

(1) FUNDING CATEGORY	
DIV	- Division
EX	- Exempt
HF	- State Dollars (Non-STI)
REG	- Regional
SW	- Statewide
TRN	-Transition Project

(2) FUNDING KEY FOR HIGHWAY FUNDING SOURCES	
APD - Appalachian Development	NHPB - National Highway Performance Program (Bridge)
BOND (R) - Revenue Bond	NHPIM - National Highway Performance Program (Interstate Maintenance)
CMAQ - Congestion Mitigation	O - Others
DP - Discretionary or Demonstration	RR - Rail-Highway Safety
ER - Emergency Relief Funds	S (M) - State Match
FED - Federal Rail Funds	SRTS - Safe Routes to School
FLPI - Federal Lands Program (Indian Reservation Roads)	STP - Surface Transportation Program
HFB - Highway Fund Bridge Replacement Program	STPDA - Surface Transportation Program - Direct Attributable
HP - Federal-Aid High Priority	STPEB - Surface Transportation Program, Enhancements (Bike)
HSRRR - High Risk Rural Roads	STPON - Surface Transportation Program Bridge (On System Bridge)
HSIP - Highway Safety Improvement Program	STPOFF - Surface Transportation Program (Off System Bridge)
L - Local	T - State Highway Trust Funds
NHP - National Highway Performance Program	TAP - Transportation Alternatives Program

(3) WORK TYPE (ACTIVITY)

A - Acquisition
C - Construction
CG - Construction (GARVEE)
F - Feasibility Study
G - Grading and Structures
I - Implementation
L - Landscaping
M - Mitigation
O - Operations
P - Paving
PE - Preliminary Engineering
R - Right of Way
RG - Right of Way (GARVEE)
S - Structure
U - Utilities

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

HIGHWAY PROGRAM										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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NEW HANOVER	I-40	I-5840 SW	PENDER COUNTY LINE TO 0.4 MILE EAST OF US 117. PAVEMENT REHABILITATION.	6.3	900		NHPIM									C	900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

DIV - Division Category
HF - State Dollars (Non STI)
SW - Statewide Category

EX - Exempt Category
REG - Regional Category
TRN - Transition Project

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

HIGHWAY PROGRAM

HIGHWAY PROGRAM										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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NEW HANOVER	NC 132 (COLLEGE ROAD)	U-5702	SR 2048 (GORDON ROAD) TO US 421 (CAROLINA BEACH ROAD). ACCESS MANAGEMENT AND TRAVEL TIME IMPROVEMENTS.	9.7	86745		NHP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

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NEW HANOVER	US 17 BUSINESS (MARKET STREET)	U-4902	COLONIAL DRIVE TO SR 1402 (PORTERS NECK ROAD). ACCESS MANAGEMENT IMPROVEMENTS.	8.6	14317	867	NHP					R	125	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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NEW HANOVER	SR 1002 (HOLLY SHELTER ROAD)	B-4591	REPLACE BRIDGE NO. 4 OVER ISLAND CREEK.		1981	1981																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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BRUNSWICK DUPLIN NEW HANOVER ONslow PENDER SAMPSON	VARIOUS	W-5203	DIVISION 3 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		5164	5164																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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NEW HANOVER	US 76 (OLEANDER DRIVE)	W-5132	US 117/NC 132 (COLLEGE ROAD). CONSTRUCT A RIGHT TURN LANE ON US 76 WEST-BOUND ONTO US 117/NC 132.		502	502																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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ALAMANCE BEAUFORT BRUNSWICK BUNCOMBE CAMDEN CHOWAN CRAVEN DARE DURHAM EDGECOMBE GUILFORD HALIFAX LENOIR PASQUOTANK WASHINGTON WAYNE	VARIOUS	E-5501	FREEDOM ROADS. INSTALL INTERACTIVE WAYSIDE SIGNAGE FOR DESIGNATED SITES.		224				STPE	C	96																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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NON HIGHWAY PROGRAM

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED
							FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.			FUZ CP 4000 A FUZ CP 700 A												
		DIV							CP 9000 A									
												CP 3000 B						
													CP 5000 B			CP 5000 B	CP 5000 B	CP 5000 B
																		CP 10000 C
																		CP 20000 C

ROUTE / CITY / TRANSIT PARTNER
I - Interstate
US or NC Routes
SR - Secondary Road
Various - multiple routes
NEW ROUTE or City
TRANSIT PARTNER

IDENTIFICATION NUMBER
Assigned to each project at conception and remains with project until completion.

LOCATION / DESCRIPTION
Project termini and a general work description.

FUNDING SOURCE (2)
See Highway Funding Key for an explanation of funding categories used for each project phase.

FUNDING CATEGORY (1)
Identifies the "STI" Funding Category for the project and any project breaks.

PROJECT BREAKS
One or two letter designation for project break.

WORK TYPE (ACTIVITY) (3)
Phases of implementation:
Preliminary engineering, Right of Way, Mitigation, Utilities or Construction.
For other work types or activities see Work Type (Activity) box below.

ESTIMATED COST Preliminary engineering, right of way, utility, mitigation and construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates **(Cash-Flow Funding)** with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)

UNFUNDED FUTURE COMMITMENTS

DIV A BUS STOP SHELTER AND BENCHES LOCATED AT HOLLOWAY STREET
DIV B BUS STOP SHELTER AND BENCHES LOCATED AT GREGSON AVENUE
DIV C SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.

(1) FUNDING CATEGORY	
DIV	- Division
HF	- State Dollars (Non-STI)
REG	- Regional
SW	- Statewide

(2) FUNDING SOURCES KEY	
C - City	L - Local
CMAQ - Congestion Mitigation	O - Other
DP - Discretionary or Demonstration	RR - Rail-Highway Safety
FBUS - Capital Program - Bus Earmark (5309)	RTAP - Rural Transit Assistance Program
FED - Federal Rail Funds	S - State
FEPD - Elderly and Persons with Disability (5310)	S (M) - State Match
FF - Federal Ferry	SMAP - Operating Assistance and State Maintenance
FLAP - Federal Lands Access Program	SRTS - Safe Routes to School
FMOD - Fixed Guideway Modifications	STAT - State
FMPL - Metropolitan Planning (5303)	STHSR - Stimulus High Speed Rail
FNF - New Freedom Program	STPDA - Surface Transportation Program - Direct Attributable
FNS - New Starts - Capital (5309)	STPE - Surface Transportation Program, Enhancements
FNU - Non Urbanized Area Formula Program (5311)	STPEB - Surface Transportation Program, Enhancements (Bike)
FSPR - State Planning and Research	T - State Highway Trust Funds
FUZ - Urbanized Area Formula Program (5307)	T2001 - State Rail Funds
HP - Federal-Aid High Priority	TAP - Transportation Alternatives Program
JARC - Job Assistance and Reverse Commute (3037)	TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)

A - Acquisition
AD - Administrative
C - Construction
CP - Capital
I - Implementation
O - Operations
Oc - OPS Funded Capital
PE - Preliminary Engineering
PL - Planning / Design
R - Right-of-Way

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

NON HIGHWAY PROGRAM

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									FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS										
AVIATION PROJECTS																													
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5702	REHABILITATE GA APRON NORTH.		3500				T	C	500																		
									O	C	3000																		
SW																													
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5713	PIPE DITCHES IN FBO #2 AREA.		1500				T																				
									O																				
SW																													
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5704	UPGRADE AIRFIELD LIGHTING VAULT.		2400				T																				
									O																				
SW																													
NEW HANOVER	WILMINGTON INTERNATIONAL (ILM)	AV-5730	EXTEND RUNWAY 6-24 PHASE 1		5000				T																				
									O																				
SW																													
BICYCLE AND PEDESTRIAN PROJECTS																													
NEW HANOVER	NC 132 (NORTH COLLEGE ROAD)	EB-5765	SR 2208 (NEW TOWN DRIVE) TO DANNY PENCE DRIVE. CONSTRUCT MULTI-USE PATH.	0.28	148				TAP																				
									L																				
									TAP																				
									L																				
DIV																													
NEW HANOVER	SR 1219 (SOUTH 17TH STREET)	EB-5600	HOSPITAL PLAZA TO INDEPENDENCE BOULEVARD. CONSTRUCT MULTI-USE PATH.	1.7	1040				STPEB																				
									L																				
									STPEB																				
									L																				
DIV																													
PLANNING, DESIGN, RIGHT OF WAY, AND CONSTRUCTION BY CITY OF WILMINGTON																													
NEW HANOVER	SR 1403 (MIDDLE SOUND LOOP ROAD)	EB-5543	OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH.		226				DP	R	16																		
									L	R	4																		
									DP	C	165																		
									L	C	41																		
TRN																													
BRUNSWICK NEW HANOVER PENDER	VARIOUS	U-5527	WILMINGTON URBAN AREA MPO TRANSPORTATION ALTERNATIVES PROGRAM.		3372	281			TAP	R	25		R	25		R	25		R	25									
									L	R	6		R	6		R	6		R	6									
									TAP	C	200		C	200		C	200		C	200									
									L	C	50		C	50		C	50		C	50									
DIV																													
NEW HANOVER	US 76 (WOOSTER STREET)	EB-5764	8TH STREET TO US 76 (OLEANDER DRIVE). CONSTRUCT SIDEWALK.	0.73	113				TAP																				
									L																				
									TAP																				
									L																				
DIV																													
NEW HANOVER	GARY SHELL CROSS-CITY TRAIL	EB-5544	WILMINGTON. CONSTRUCT BICYCLE AND PEDESTRIAN ACCOMODATIONS ON SOUTH 17TH STREET, WALTMOOR ROAD, AND BETHEL ROAD.		1338	1338																							
									TRN																				
UNDER CONSTRUCTION - OTHER FUNDING - \$525 FROM BLUE CROSS BLUE SHIELD, \$75 FROM STATE FUNDS																													
NEW HANOVER	PEACHTREE AVENUE	EB-5719	PARK AVENUE TO MCMILLAN AVENUE. CONSTRUCT BICYCLE LANE.	0.4	209				TAP							PE	18												
									L							PE	4												
									TAP												C	150							
									L												C	37							
DIV																													

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES
AVAILABLE

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									FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS					
FERRY PROJECTS																								
BRUNSWICK CARTERET NEW HANOVER	VARIOUS	F-5301	CEDAR ISLAND, SOUTHPORT AND FORT FISHER DOCKS. REPLACE DOLPHINS.		980	980																		
		TRN																						
UNDER CONSTRUCTION																								
PUBLIC TRANSPORTATION PROJECTS																								
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TP-5110	PLANNING ASSISTANCE - SHORT RANGE DEVELOPMENT		300	100	FUZ		CP	100														
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TA-5134	REPLACEMENT HYBRID BUS		478		JARC	CP	386															
							L	CP	92															
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5243	PREVENTATIVE MAINTENANCE.		428		L	C	44		C	22		C	22									
							STPDA	C	170		C	170												
		DIV																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TG-5244	PREVENTIVE MAINTENANCE		1256		FBUS	CP	502		CP	251		CP	251									
							L	CP	126		CP	63		CP	63									
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TK-6176	ADMINISTRATION		3251	901	FNU	O	590		O	220		O	220		O	220		O	220			
							FNU																	
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TM-6137	OPERATING ASSISTANCE		636		JARC	O	318															
							L	O	318															
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6108	OPERATING ASSISTANCE - NEW FREEDOM		1872	798	FNF	O	716		O	358												
		HF																						
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TN-6121	OPERATING		738		FNF	O	738															
		HF																						
ONSLOW	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-6157	OPERATING ASSISTANCE - PURCHASE OF SERVICE		250		FEPD	CP	200															
							L	CP	25															
							S	CP	25															
		HF																						

DIV - Division Category
HF - State Dollars (Non STI)
SW - Statewide Category

EX - Exempt Category
REG - Regional Category
TRN - Transition Project

WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

NON HIGHWAY PROGRAM

NON HIGHWAY PROGRAM									TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
									FY 2016		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
PUBLIC TRANSPORTATION PROJECTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NEW HANOVER	CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY	TQ-6513	OPERATING ASSISTANCE		680				FEPD	O	170			O	85		O	85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
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								TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (MILES)	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
								FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
WAKE	NC 00	R-0000	I-40 TO NC 96 EAST OF HOMETOWN. WIDEN TO A FOUR-LANE FACILITY WITH A BYPASS OF HOMETOWN ON NEW LOCATION.	7.3	63,450	250	NHP R 4000 A NHP M 700 NHP U 1500 NHP NHP NHP NHP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

(1) FUNDING CATEGORY
DIV - Division
EX - Exempt
HF - State Dollars (Non-STI)
REG - Regional
SW - Statewide
TRN -Transition Project

(2) FUNDING KEY FOR HIGHWAY FUNDING SOURCES
APD - Appalachian Development
BOND (R) - Revenue Bond
CMAQ - Congestion Mitigation
DP - Discretionary or Demonstration
ER - Emergency Relief Funds
FED - Federal Rail Funds
FLPI - Federal Lands Program (Indian Reservation Roads)
HFB - Highway Fund Bridge Replacement Program
HP - Federal-Aid High Priority
HRRR - High Risk Rural Roads
HSIP - Highway Safety Improvement Program
L - Local
NHP - National Highway Performance Program
NHPB - National Highway Performance Program (Bridge)
NHPIM - National Highway Performance Program (Interstate Maintenance)
O - Others
RR - Rail-Highway Safety
S (M) - State Match
SRTS - Safe Routes to School
STP - Surface Transportation Program
STPDA - Surface Transportation Program - Direct Attributable
STPEB - Surface Transportation Program, Enhancements (Bike)
STPON - Surface Transportation Program Bridge (On System Bridge)
STPOFF -Surface Transportation Program (Off System Bridge)
T - State Highway Trust Funds
TAP - Transportation Alternatives Program

(3) WORK TYPE (ACTIVITY)
A - Acquisition
C - Construction
CG - Construction (GARVEE)
F - Feasibility Study
G - Grading and Structures
I - Implementation
L - Landscaping
M - Mitigation
O - Operations
P - Paving
PE - Preliminary Engineering
R - Right of Way
RG - Right of Way (GARVEE)
S - Structure
U - Utilities

STATEWIDE PROJECTS

HIGHWAY PROGRAM

HIGHWAY PROGRAM									TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																									
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED					
									FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS															
RURAL PROJECTS																																		
STATEWIDE	VARIOUS	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8278	3878			T	PE	120	DIV		PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV						
									T	PE	120	RE		PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE									
									T	PE	160	SW		PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW									
									IN PROGRESS																									
									DIV DIV STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																									
STATEWIDE	VARIOUS	M-0219	PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS		2750				T	PE	75	DIV		PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV	PE	75	DIV						
									T	PE	75	RE		PE	75	RE	PE	75	RE	PE	75	RE	PE	75	RE									
									T	PE	100	SW		PE	100	SW	PE	100	SW	PE	100	SW	PE	100	SW									
									IN PROGRESS																									
									DIV DIV PHOTOGRAMMETRY, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS																									
STATEWIDE	VARIOUS	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		20180	9180			T	PE	300	DIV		PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV	PE	300	DIV						
									T	PE	300	RE		PE	300	RE	PE	300	RE	PE	300	RE	PE	300	RE									
									T	PE	400	SW		PE	400	SW	PE	400	SW	PE	400	SW	PE	400	SW									
									IN PROGRESS																									
									DIV DIV DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																									
STATEWIDE	VARIOUS	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON- PROJECT SPECIFIC WORK.		19138	9238			T	PE	270	DIV		PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV	PE	270	DIV						
									T	PE	270	RE		PE	270	RE	PE	270	RE	PE	270	RE	PE	270	RE									
									T	PE	360	SW		PE	360	SW	PE	360	SW	PE	360	SW	PE	360	SW									
									IN PROGRESS																									
									DIV DIV STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.																									
STATEWIDE	VARIOUS	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		3720	1960			T	PE	48	DIV		PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV	PE	48	DIV						
									T	PE	48	RE		PE	48	RE	PE	48	RE	PE	48	RE	PE	48	RE									
									T	PE	64	SW		PE	64	SW	PE	64	SW	PE	64	SW	PE	64	SW									
									IN PROGRESS																									
									DIV DIV HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																									
STATEWIDE	VARIOUS	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.						IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
STATEWIDE	VARIOUS	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		17399	17399			IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
STATEWIDE	VARIOUS	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398			IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
STATEWIDE	VARIOUS	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759			IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
STATEWIDE	VARIOUS	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		28149	28149			IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
STATEWIDE	VARIOUS	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523			IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									
									IN PROGRESS																									

STATEWIDE PROJECTS

HIGHWAY PROGRAM

HIGHWAY PROGRAM										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																													
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED										
									FY 2016		FY 2017		FY 2018		FY 2019		FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		FY 2025		FUTURE YEARS										
RURAL PROJECTS																																							
STATEWIDE	VARIOUS	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		73971	62971	NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV								
							NHP	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE								
							NHP	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW								
							T	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV								
							T	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE								
							T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW								
		SW					DIV	DIV	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																														
							REG	REG	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																														
							SW	SW	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																														
							IN PROGRESS																																
STATEWIDE	STATEWIDE	M-0479	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		5500		T	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV	PE	150	DIV								
							T	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE	PE	150	RE								
							T	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW	PE	200	SW								
		SW					SW	DIV	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
							REG	REG	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
							DIV	SW	STATEWIDE PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																														
FEASIBILITY STUDIES																																							
STATEWIDE	VARIOUS	M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		2400	200	T	PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200									
		SW																																					
FEDERAL BRIDGE PROJECTS																																							
STATEWIDE	VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		292371	171371	STP	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV								
							STP	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE								
							STP	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW								
							DIV	DIV	BRIDGE INSPECTION PROGRAM.																														
							REG	REG	BRIDGE INSPECTION PROGRAM.																														
							SW	SW	BRIDGE INSPECTION PROGRAM.																														
							IN PROGRESS																																
STATEWIDE	VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000																																	
		DIV					IN PROGRESS																																
STATEWIDE	VARIOUS	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027																																	
		DIV					IN PROGRESS																																
STATEWIDE	VARIOUS	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.		1000	1000																																	
		REG					IN PROGRESS																																
STATEWIDE	VARIOUS	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		7747	7747																																	
		DIV					UNDER CONSTRUCTION																																
STATEWIDE	VARIOUS	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.		1500	1500																																	
		DIV					UNDER CONSTRUCTION																																
STATEWIDE	VARIOUS	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		12000	2000	STPOFF	C	1500	DIV																													
							STPOFF	C	1500	RE																													
							STPOFF	C	2000	SW																													
							STPON	C	1500	DIV																													
							STPON	C	1500	RE																													
							STPON	C	2000	SW																													
		SW					SW	DIV	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																														
							SW	REG	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																														
							SW	SW	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.																														

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AVAILABLE**

STATEWIDE PROJECTS

HIGHWAY PROGRAM

HIGHWAY PROGRAM									TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
FEDERAL BRIDGE PROJECTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
STATEWIDE	VARIOUS	M-0418 DIV	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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STATEWIDE	VARIOUS	M-0379 DIV	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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STATEWIDE	VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		71500	11000	HSIP	PE	1650	DIV	HSIP	PE	1650	RE	HSIP	PE	2200	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		15000	4000	HSIP	C	300	DIV	HSIP	C	300	RE	HSIP	C	400	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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STATEWIDE	VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		108396	596	HSIP	R	420	DIV	HSIP	C	2520	DIV	HSIP	R	420	RE	HSIP	C	2520	RE	HSIP	R	560	SW	HSIP	C	3360	SW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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STATEWIDE	VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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STATEWIDE	VARIOUS	C-3600 EX	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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STATEWIDE	VARIOUS	C-5600 EX	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		33570		CMAQ								C	16775		C	16795																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

DIV - Division Category
HF - State Dollars (Non STI)
SW - Statewide Category

EX - Exempt Category
REG - Regional Category
TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES
AVAILABLE

STATEWIDE PROJECTS

HIGHWAY PROGRAM

HIGHWAY PROGRAM									TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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STATEWIDE	VARIOUS	C-5554 EX	DIVISION OF AIR QUALITY SCHOOL BUS REPLACEMENT PROGRAM. REPLACE BUSES WITH NEW BUSES THAT MEET THE NEW HEAVY DUTY DIESEL TRUCK AND BUS STANDARDS.		1775	1775																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

DIV - Division Category
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SW - Statewide Category

EX - Exempt Category
REG - Regional Category
TRN - Transition Project

DIVISION 00

NON HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR COST (THOU)	FUNDS	STATE TRANSPORTATION IMPROVEMENT PROGRAM						DEVELOPMENTAL PROGRAM					UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.	FUZ	CP	4000	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

(1) FUNDING CATEGORY	
DIV	- Division
HF	- State Dollars (Non-STI)
REG	- Regional
SW	- Statewide

(2) FUNDING SOURCES KEY	
C - City	L - Local
CMAQ - Congestion Mitigation	O - Other
DP - Discretionary or Demonstration	RR - Rail-Highway Safety
FBUS - Capital Program - Bus Earmark (5309)	RTAP - Rural Transit Assistance Program
FED - Federal Rail Funds	S - State
FEPD - Elderly and Persons with Disability (5310)	S (M) - State Match
FF - Federal Ferry	SMAP - Operating Assistance and State Maintenance
FLAP - Federal Lands Access Program	SRTS - Safe Routes to School
FMOD - Fixed Guideway Modifications	STAT - State
FMPL - Metropolitan Planning (5303)	STHSR - Stimulus High Speed Rail
FNF - New Freedom Program	STPDA - Surface Transportation Program - Direct Attributable
FNS - New Starts - Capital (5309)	STPE - Surface Transportation Program, Enhancements
FNU - Non Urbanized Area Formula Program (5311)	STPEB - Surface Transportation Program, Enhancements (Bike)
FSPR - State Planning and Research	T - State Highway Trust Funds
FUZ - Urbanized Area Formula Program (5307)	T2001 - State Rail Funds
HP - Federal-Aid High Priority	TAP - Transportation Alternatives Program
JARC - Job Assistance and Reverse Commute (3037)	TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)	
A	- Acquisition
AD	- Administrative
C	- Construction
CP	- Capital
I	- Impementation
O	- Operations
Oc	- OPS Funded Capital
PE	- Preliminary Engineering
PL	- Planning / Design
R	- Right-of-Way

STATEWIDE PROJECTS

NON HIGHWAY PROGRAM

ION HIGHWAY PROGRAM

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SW - Statewide Category

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TRN - Transition Project

STATEWIDE PROJECTS

NON HIGHWAY PROGRAM

ION HIGHWAY PROGRAM										TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	FY 2015	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM										UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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STATEWIDE	STATEWIDE	TS-4900Z HF	STATEWIDE TRAINING AND SUPPORT SERVICES RTAP (RURAL, SMALL-URBAN AND PARATRANSIT)		1957	766	RTAP	AD	391		AD	100		AD	100		AD	100		AD	100		AD	100		AD	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO
SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES
AVAILABLE

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

**A RESOLUTION IN SUPPORT OF A PARTNERSHIP BETWEEN THE GULLAH GEECHEE
CULTURAL HERITAGE CORRIDOR COMMISSION AND THE EAST COAST GREENWAY
ALLIANCE TO THE BENEFIT OF THE WILMINGTON URBAN AREA**

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 four-state Gullah Geechee Cultural Heritage Corridor Commission and the 15-state East Coast Greenway Alliance have entered into a partnership that extends through their overlap between Wilmington, North Carolina and Armstrong, Florida; and

WHEREAS, the partnership seeks to strengthen local economies and cultural retention where Gullah Geechee presence persists; and

WHEREAS, the Wilmington Urban Area is home to many sites that are integral to Gullah Geechee history, and that are variously accessible and otherwise visible through a mostly compact and walkable district of downtown Wilmington; and

WHEREAS, calls have been made from time to time to help re-develop this district in part by heritage tourism; and

WHEREAS, the Alliance includes in its mission to build and also to market the East Coast Greenway to long-distance touring cyclists for their enjoyment, but equally for their beneficial impact on local economic development and cultural retention; and

WHEREAS, the East Coast Greenway receives numerous anecdotal reports on the numbers of its route users, but so far only rarely precise and extrapolated counts, yet finds that when these counts are reported they tend to reflect rapid user rise; and

WHEREAS, along one section of the Greenway between St. Augustine and Palatka, Florida, numbers rising from 14,750 counted by the Florida Park Service in fiscal year 2012, to 66,580 one year later, and

WHEREAS, the Greenway Alliance prior to inception of the partnership had already assigned one staff member to work on the Greenway through a region that includes New Hanover County, and since has appointed another to develop the partnership specifically through the Corridor; and

WHEREAS, the Wilmington Urban Area already claims a wide range of natural and cultural resources to attract overnight stays of touring cyclists; and

WHEREAS, the Wilmington Urban Area already seeks visitors through multi-county-sponsored marketing.

NOW THEREFORE BE IT RESOLVED, that the Wilmington Urban Area Metropolitan Planning Organization encourages the Alliance/Commission partnership efforts, and will work with its appointed leadership to assist in their realization the route of the East Coast Greenway.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

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

**RESOLUTION REQUESTING NCDOT FUND A DEPUTY DIVISION ENGINEER IN
DIVISION 3**

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

WHEREAS, the North Carolina Department of Transportation conducted a staffing study for Preconstruction and Transportation Divisions in accordance with SL 2014-100 Section 34.14 (a) and (b); and

WHEREAS, the proposed Division Organizational Chart Overview includes a Deputy Division Engineer in Metro Divisions only; and

WHEREAS, under the current staffing scenario, Division 3 does not include a Deputy Division Engineer; and

WHEREAS, Division 3 includes 3 Metropolitan Planning Organizations (2 of these MPOs are designated as Transportation Management Areas) and 4 Rural Planning Organizations; and

WHEREAS, between July 2012 and July 2013 the Wilmington Metropolitan Statistical Area (MSA)–now just New Hanover and Pender counties population increased by 5,248 to a total of 268,601 people; and

WHEREAS; this increase is a growth rate of 2 % and the second-fastest for a North Carolina MSA; and

WHEREAS, based on the existing number of MPOs coupled with the population growth suggests that Division 3 could be considered as a Metro Division and suggests that there is a need for a Deputy Division Engineer to assist with Policy and Data.

NOW, THEREFORE, be it resolved that the Wilmington Metropolitan Planning Organization's Transportation Advisory Committee hereby requests NCDOT fund a Deputy Division Engineer for Division 3.

ADOPTED at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization Transportation Advisory Committee on March 25, 2015.

Laura Padgett, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

Greater Wilmington Transportation Planning Organization

In Brunswick County, New Hanover County and Pender County, North Carolina



Memorandum of Understanding

Adopted by the Board

**MEMORANDUM OF UNDERSTANDING
FOR**

COOPERATIVE, COMPREHENSIVE, AND CONTINUING TRANSPORTATION PLANNING

AMONG

**THE 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 AND THE NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION**

IN COOPERATION WITH THE UNITED STATES DEPARTMENT OF TRANSPORTATION

WITNESSETH

WHEREAS, Each MPO is required to develop a comprehensive transportation plan in cooperation with NCDOT and in accordance with 23 U.S.C., Section 134, any subsequent amendments to that statute, and any implementing regulations; and Chapter 136, Article 3A, Section 136-66.2(a) of the General Statutes of North Carolina,

WHEREAS, the said Chapter 136, Article 3A, Section 136-66.2(b) provides that:

“After completion and analysis of the plan, the plan shall be adopted by both the governing body of the municipality or MPO and the Department of Transportation as the basis for future transportation improvements in and around the municipality or within the MPO. The governing body of the municipality and the Department of Transportation shall reach agreement as to which of the existing and proposed streets and highways included in the adopted plan will be a part of the State highway system and which streets will be a part of the municipal street system. As used in this Article, the State highway system shall mean both the primary highway system of the State and the secondary road system of the State within municipalities;” and,

WHEREAS, the said Chapter 136, Article 3A, Section 136.66.2(d) provides that:

“For MPOs, either the MPO or the Department of Transportation may propose changes in the plan at any time by giving notice to the other party, but no change shall be effective until it is adopted by both the Department of Transportation and the MPO;” and

WHEREAS, a transportation planning process includes the operational procedures and working arrangements by which short and long-range transportation plans are soundly conceived and developed and continuously evaluated in a manner that will:

1. Assist governing bodies and official agencies in determining courses of action and in formulating attainable capital improvement programs in anticipation of community needs; and
2. Guide private individuals and groups in planning their decisions which can be important factors in the pattern of future development and redevelopment of the area; and

WHEREAS, it is the desire of these agencies that a previously established continuing, comprehensive, cooperative transportation planning process as set forth in a Memorandum of Understanding dated the 6th day of August 2007 be revised and updated to comply with 23 U.S.C. 134; any subsequent amendments to that statute, and any implementing regulations; and

WHEREAS, the effective date of this document shall be the date on which it was signed by the Governor of the State of North Carolina or his/her designee.

NOW THEREFORE BE IT RESOLVED by the Greater Wilmington Transportation Planning Organization which will serve as the Metropolitan Planning Organization for the Wilmington Urban Area that the following Memorandum of Understanding (MOU) is made:

:

SECTION 1. It is hereby agreed that the municipalities of City of Wilmington, Town of Carolina Beach, Town of Kure Beach, Town of Wrightsville Beach, Town of Belville, Town of Leland, Town of Navassa, the Counties of Brunswick, New Hanover and Pender, Cape Fear Public Transportation Authority and the North Carolina Department of Transportation, in cooperation with the United States Department of Transportation, will participate in a continuing, coordinated, comprehensive transportation planning process with the responsibilities and undertakings as outlined in the following paragraphs:

- A. The Greater Wilmington Transportation Planning Organization's planning area will consist of the Wilmington Urbanized Area as defined by the United States Department of Commerce, Bureau of the Census, in addition to that area beyond the existing urbanized area boundary that is expected to become urban within a twenty-year planning period. This area is hereinafter referred to as the Metropolitan Planning Area.
- B. The Greater Wilmington Transportation Planning Organization, hereinafter referred to as the Greater Wilmington TPO, shall include the local governments of the Municipalities and the Counties, Cape Fear Public Transportation Authority and the North Carolina Department of Transportation, a Board hereinafter defined, a Technical Coordinating Committee hereinafter defined, and the various agencies and units of local and State government participating in the transportation planning for the area.
- C. The continuing transportation planning process will be a cooperative one, and all planning discussions will be reflective of and responsible to the comprehensive plans for growth and development of the Metropolitan Planning Area.
- D. The continuing transportation planning process will be conducted in accordance with the intent, procedures, and programs of Title VI of the Civil Rights Act of 1964, as amended.
- E. The Urbanized Area Boundary and the Metropolitan Planning Area shall be periodically reviewed and revised in light of new developments and basic data projections.
- F. Transportation plans, programs and data collection will be coordinated with the Lead Planning Agency for the adjacent Rural Planning Organization and shall be conducted according to applicable interagency agreements.
- G. Greater Wilmington Transportation Planning Organization Board Established**

A Greater Wilmington Transportation Planning Organization Board [hereinafter referred to as “Board” or “the Board”] is hereby established with the responsibility for cooperative transportation planning decision making for the Wilmington TPO. The Board shall have the responsibility for keeping the policy boards of the participating local governments informed of the status and requirements of the transportation planning process; for assisting in the dissemination and clarification of the decisions and policies of the policy boards; and for providing opportunities for citizen participation in the transportation planning process.

The Board, in cooperation with the State, and in cooperation with publicly owned operators of mass transportation services, shall be responsible for carrying out the urban transportation planning process specified in the U. S. Department of Transportation Program Manuals and shall develop the planning work program, Metropolitan Transportation Plan, and Transportation Improvement Program as specified in such manuals.

This shall be the forum for cooperative decision-making by elected officials of the member local governments. However, this shall not limit the Board’s local responsibility for insuring that the transportation planning process, plans and improvement projects which emerge from that process are consistent with the policies and desires of local government. This shall also serve as a forum for the resolution of conflicts which arise during the course of developing the Metropolitan Transportation Plan and the Transportation Improvement Program.

H. Board Membership

The GWTPPO Board will consist of the Chief Elected or other elected representative(s) from the following Local Government as well as the appointed member from the North Carolina Board of Transportation. Each agency will have a single representative except as indicated below:

1. Two members of the Wilmington City Council;
2. One member of the Carolina Beach Town Council;
3. One member of the Kure Beach Town Council;
4. One member of the Wrightsville Beach Board of Alderman;
5. One member of the New Hanover County Board of Commissioners;
6. One member of the Belville Board of Commissioners;
7. One member of the Leland Town Council;
8. One member of the Navassa Town Council;
9. One member of the Brunswick County Board of Commissioners;
10. One member of the Pender County Board of Commissioners;
11. One member of the Cape Fear Public Transportation Authority (New Hanover County Representative);
12. One member of the North Carolina Board of Transportation;

Each of the above member agencies may also appoint an alternate, in accordance with the rules contained within the Greater Wilmington TPO Bylaws. If alternates attend meetings where the primary representative is present, only the primary representative(s) shall be counted for voting purposes as specified in the Bylaws.

Representatives from each of the following bodies will serve as non-voting members of the Transportation Advisory Committee.

- Federal Highway Administration (North Carolina Division Administrator, or his designee)
- Cape Fear Council of Governments
- North Carolina State Ports Authority
- New Hanover County Airport Authority
- North Carolina Turnpike Authority

At the invitation of the Board, other local, regional, State, or Federal agencies impacting transportation within the Planning Area may serve as advisory, non-voting members of the Board. The Executive Director will serve as secretary to the Board.

I. **Board Duties.**

The duties and responsibilities of the Board are as follows:

1. Establish **mission, goals and objectives** for the transportation planning process reflective of and responsive to comprehensive plans for growth and development in the Metropolitan Planning Area adopted by Boards of General Purpose Local Government.
2. Review and approve a **Prospectus** for transportation planning which defines work tasks and responsibilities for the various agencies participating in the transportation planning process.
3. Review and approve changes to the **Urbanized Area Boundary** and the **Metropolitan Planning Area** as well as review and recommend changes to the **National Highway System** and the Federal Functional Classification System in conformance with Federal regulations.
4. Review and approve the transportation **Unified Planning Work Program**.
5. Review and approve the **Metropolitan Transportation Plan** and adopt the **Comprehensive Transportation Plan** pursuant to G.S. 136-66.2. The Comprehensive Transportation Plan shall be mutually adopted by the Board and the State of North Carolina.
6. Develop and Approve the **Metropolitan Transportation Improvement Program (MTIP)**.
7. Develop prioritized needs list (PNL) for transportation improvements in conjunction with development of the MTIP. This list represents candidate projects for inclusion in the MTIP.
8. Review and approve related **air quality planning** in conformance with Federal regulations.
9. Distribute funds distributed directly to MPO's under the provisions of MAP-21 and any subsequent re-authorization of MAP-21.
10. The GWTPPO is responsible for ensuring that their planning process is being carried out in accordance with applicable Federal requirements as outlined in 23 CFR 334.

11. The GWTPPO shall be responsible for the development and implementation of a performance-based transportation planning process; including the establishment of measures, metrics, targets, the processes for the collection of performance based data, and for identifying the roles and responsibilities for the performance-based planning process.
12. Develop, approve, and implement a **Public Involvement Policy**.
13. The GWTPPO shall have the primary responsibility for citizen input into the continuing transportation planning process.
14. The GWTPPO is responsible for conducting public involvement and technical analysis to determine preliminary alignments for all modes of transportation included in the MTP and CTP. These alignments will be used by the MPO and local jurisdictions through their land development ordinances for right of way protection purposes. Once the GWTPPO has adopted an official alignment, it can be modified only by the official action of the Board. The GWTPPO adopts the alignment for right of way purposes even if the alternatives are produced through a State or locally funded environmental study process. Adoption of any alignment shall not predetermine a corridor through the state and federal environmental review processes.
15. Develop and approve committee **Bylaws** governing operating policies and procedures. Through the Bylaws, the Board may establish subcommittees and may delegate duties of planning and analysis to these subcommittees as outlined in Section M. below.
16. **Self-Certify** the Long-Range Planning Process.
17. Conduct any other duties identified as necessary to further facilitate the transportation planning process.

J. Board Voting Policy

1. Voting representatives of the Municipalities and the Counties shall be designated by their respective governing boards. A quorum is required for the transaction of all business, including conducting meetings or hearings, participation in deliberations, or voting upon or otherwise transacting the public business. A quorum consists of fifty-one percent (51%) of the voting members of the Board, plus as many additional members as may be required to ensure that fifty-one percent (51%) of the total votes are present.
2. Each member shall receive one vote. A simple majority of the members present shall determine all issues.

K. Metropolitan Transportation Improvement Program (MTIP) Development

1. The Metropolitan Transportation Improvement Program (MTIP) shall be adopted in accordance with adoption schedules for the State Transportation Improvement Program (STIP). The MTIP shall include all information typically contained in the STIP, including, but not limited to route number, project I.D. number, project limits, project description, proposed implementation schedule, funding source, and projected cost. The MTIP is intended to represent local priorities for transportation improvements. Once it is adopted, any discrepancies between the MTIP and the STIP will be negotiated through established State and Federal processes.

2. For the purpose of implementing its transportation priorities, the Board may develop a supplement to the MTIP containing descriptions of project design. Design information for a particular project will be included in the supplement on an as needed basis at the request of member jurisdictions. For roadway projects, the information may include the preferred alignment, the number of lanes, the inclusion of medians, and the extent and location of pedestrian and bicycle facilities. Other design information will be included in the supplement as needed to establish the general parameters of project design. The supplement shall serve as a planning document to guide MTIP development, and shall be amended as needed. Generally, project design information will not be included in the supplement until a project has completed the NEPA process, design public hearing process, or any other required public involvement process.

L. Project Prioritization

The Board shall develop a list of projects for transportation improvements in conjunction with the NCDOT prioritization process as codified in NCGS § 136-18.42. This entails preparing a list of projects to evaluate against NCDOT's quantitative measures, then choosing a subset of projects. The subset of projects chosen will be assigned points by the Board based on locally and regionally developed criteria and submitted to NCDOT and the GWTPPO Board to compete for available funding in the STIP and MTIP, respectively.

M. Board Subcommittees

The Board may establish subcommittees and advisory groups through its bylaws or through a vote at a regularly scheduled meeting. The subcommittees may consist of existing members of the Board, the Technical Coordinating Committee, and other officials and citizens as appropriate to achieve the objectives of the subcommittee. Subcommittees may include, but are not limited to the following groups: Bicycle and Pedestrian Advisory Committee, Citizen Advisory Committee, etc. Further, the GWTPPO Board shall allow these groups to establish their own bylaws, meeting schedule, and elected officers. The purpose of the subcommittees will be to provide analysis and recommendations to the Board.

N. Transit Planning and Programming

The Greater Wilmington TPO will coordinate transit planning and programming within the Metropolitan Planning Area. The duties and responsibilities of the Board with regard to transit planning and programming are as follows:

1. Establish policies for distribution of federal mass transit funds that are provided directly to the Metropolitan Planning Organization. These policies will be reviewed and approved annually by the Board
2. Develop and approve a list of prioritized projects for transit improvements.
3. Program transit improvements in the Metropolitan Transportation Improvement Program (MTIP).

In developing transit plans, programs, and funding formulas, the Board shall consider the following factors: federal mass transit funding formulas, population served by the transit system, ridership, and present and future demand for transit service.

O. Technical Coordinating Committee Established

A Technical Coordinating Committee, hereinafter referred to as the TCC, shall be established with the responsibility of general review, guidance, and coordination of the transportation planning process for the Metropolitan Planning Area and with the responsibility for making recommendations to the respective local and State governmental agencies and the Board regarding any necessary actions relating to the continuing transportation planning process. The TCC shall be responsible for development, review, and recommendation for approval of goals and objectives, the Prospectus, Unified Planning Work Program (UPWP), Urbanized Area Boundary, Metropolitan Planning Area, National Highway System, Metropolitan Transportation Plan, Comprehensive Transportation Plan, Metropolitan Transportation Improvement Program (MTIP), Priority Needs List (PNL), air quality planning, distribution of directly allocated funds, public involvement, and any other duties identified as necessary to facilitate the transportation planning process.

Membership of the TCC shall include technical representation from all local and State governmental agencies directly related to and concerned with the transportation planning process for the planning area. Membership to the TCC may be altered on the basis of a majority vote of its membership, provided that any party may appeal decisions regarding TCC membership changes to the Board. The initial TCC voting membership shall include, but not be limited to the following:

1. MPO Executive Director
2. Transportation Demand Management Coordinator;
3. Traffic Engineer, City of Wilmington;
4. Planner, Town of Carolina Beach;
5. Town Clerk, Town of Kure Beach;
6. Director of Planning and Parks, Town of Wrightsville Beach;
7. Director, New Hanover County Planning Department;
8. Deputy Director, Wilmington International Airport;
9. Planner, North Carolina State Ports Authority;
10. Director, Cape Fear Public Transportation Authority
11. Planner, Town of Belville;
12. Town Manager, Town of Leland (alternate: Director of Developmental Services);
13. Town Planning Administrator, Town of Navassa;
14. Director, Brunswick County Planning Department;
15. Director, Pender County Planning Department;
16. Planning Director, Cape Fear Council of Governments;
17. Division Engineer, Division of Highways, North Carolina Department of Transportation;
18. Wilmington Urban Area Coordinator, Transportation Planning Branch, North Carolina Department of Transportation;

Representatives from each of the following bodies will serve as non-voting members of the Technical Coordinating Committee.

19. Director of Department of Development Services, City of Wilmington;
20. Assistant Manager, New Hanover County;

21. Division Operations Engineer, Division of Highways, North Carolina Department of Transportation;
22. Division Construction Engineer, Division of Highways, North Carolina Department of Transportation;
23. Planning, Development and Transportation Director, City of Wilmington
24. Division Traffic Engineer, Division of Highways, North Carolina Department of Transportation;
25. Transit Planner, Public Transportation Division, North Carolina Department of Transportation;
26. District Engineer, North Carolina Division, Federal Highway Administration, United States Department of Transportation;
27. Transportation Planner, North Carolina Division, Federal Highway Administration, United States Department of Transportation (Advisory and non-voting);
28. General Manager, Brunswick Transit Systems
29. Director, Pender Adult Services

Each TCC member shall have one vote. Through the GWTPPO bylaws, the TCC may designate other local agencies, organizations, or individuals as voting and non-voting members of the TCC.

A quorum is required for the transaction of all business, including conducting meetings, participation in deliberations, or voting upon or otherwise transacting the public business. A quorum consists of fifty-one percent (51%) of the voting members of the TCC.

The Board may establish subcommittees and advisory groups through the bylaws or through a vote at a regularly scheduled meeting. The purpose of the subcommittees will be to provide analysis and recommendations to the TCC and Board.

The TCC shall operate as determined by the GWTPPO's adopted bylaws. Any agency not listed above which wishes representation on the TCC may request such representation for consideration under the TCC adopted bylaws.

SECTION II. It is further agreed that the subscribing agencies will have the following responsibilities:

The Municipalities and Counties

The Municipalities and the Counties will assist in the transportation planning process by providing assistance, data and inventories in accordance with the Prospectus. The Municipalities and the Counties shall be responsible for any zoning and subdivision approvals that are impacted by adopted Transportation Plans. The City of Wilmington will serve as the Lead Planning Agency for the Greater Wilmington Transportation Planning Organization.

North Carolina Department of Transportation

The Department will assist in the transportation planning process by providing planning assistance, data and inventories in accordance with the Prospectus.

SECTION III. The rules contained in the current edition of Robert's Rules of Order, Newly Revised, shall govern the Board in all cases to which they are applicable and in which they are not inconsistent with this "Memorandum of Understanding", the bylaws and/or any special rules of order the Board may adopt.

SECTION IV. The Board by a majority vote may invite other municipalities located within the Metropolitan Planning Area Boundary to join the TPO. The municipality may join the TPO by agreeing to become party to this MOU by signing an Addendum to this MOU authorized by appropriate and proper resolution of the municipality to sign the Addendum. The Addendum shall become part of this MOU and shall be distributed to all parties to this MOU.

SECTION V. All transportation and related federal aid planning grant funds available to promote the comprehensive transportation planning process will be expended in accordance with the Unified Planning Work Program adopted by the Board. These funds require a twenty percent (20%) Local Match. Parties to this Memorandum of Understanding agree to fund the Local Match in an amount in direct proportion to their share of the total population contained in the approved Metropolitan Area Boundary. Population figures for determination of Local Match contribution shall be determined based on the most recent Federal decennial Census. Member governments may be asked to contribute additional local funding for projects.

This funding share shall be invoiced on a regular basis by the City of Wilmington, acting as Lead Planning Agency, and as recipient of the Federal Planning funds distributed by the North Carolina Department of Transportation.

SECTION VI. This Amended Memorandum of Understanding supersedes and replaces any prior memorandum(s) of understanding between the parties regarding the Wilmington MPO.

SECTION VII. Parties to this Memorandum of Understanding may terminate their participation in the continuing transportation planning process of the MPO by giving (60) days written notice to the other parties prior to the date of termination. When annexation occurs and member municipality boundaries extend beyond the adopted urbanized area boundary, the new boundaries will automatically become part of the urbanized area. It is further agreed that these agencies will assist in the transportation planning process by providing planning assistance, data, and other requested information. Additionally, these agencies shall coordinate zoning and subdivision approval in accordance with the adopted Transportation Plan(s). All files, records and planning maps and documents will remain the property of the TPO.

SECTION VIII. In witness whereof, the parties of this Memorandum of Understanding have been authorized by appropriate and proper resolutions to sign the same, the City of Wilmington by its mayor, the Town of Carolina Beach by its mayor, the Town of Kure Beach by its mayor, the Town of Wrightsville Beach by its mayor, New Hanover County by its chairman of the Board of Commissioners, the Town of Belville by its mayor, the Town of Leland by its mayor, the Town of Navassa by its mayor, Brunswick County by its chairman of the Board of Commissioners, Pender County by its chairman of the Board of Commissioners, the Cape Fear Public Transportation Authority by its Chairman and the North Carolina Department of Transportation by the Secretary of Transportation, this ____ day of _____, 2015.

(Seal) CITY OF WILMINGTON

Clerk

By _____
Mayor

Clerk

By _____
Mayor

Clerk

By _____
Mayor

Clerk

By _____
Mayor

Clerk

By _____
Chairman of the Board of Commissioners

Clerk

By _____
Mayor

(Seal) TOWN OF LELAND

Clerk By _____
Mayor

(Seal) TOWN OF NAVASSA

Clerk By _____
Mayor

(Seal) BRUNSWICK COUNTY

Clerk By _____
Chairman of the Board of Commissioners

(Seal) PENDER COUNTY

Clerk By _____
Chairman of the Board of Commissioners

(Seal) CAPE FEAR PUBLIC TRANSPORTATION AUTHORITY

Clerk By _____
Chairman

(Seal) NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION

By _____
Secretary



WILMINGTON URBAN AREA Metropolitan Planning Organization

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

MEMORANDUM

TO: TCC Members

FROM: Mike Kozlosky, Executive Director

DATE: March 4, 2015

SUBJECT: **Wilmington MPO Potential Future Planning Efforts**

Members:

City of
WILMINGTON
Lead Planning Agency

Town of
CAROLINA BEACH

Town of
KURE BEACH

Town of
WRIGHTSVILLE BEACH

NEW HANOVER
County

Town of
BELVILLE

Town of
LELAND

Town of
NAVASSA

BRUNSWICK
County

PENDER
County

CAPE FEAR
Public Transportation
Authority

North Carolina
BOARD OF
TRANSPORTATION

At the January 14, 2015 Technical Coordinating Committee (TCC) meeting, I requested information from TCC members on desired future planning efforts within the Wilmington MPO's Planning Area Boundary over the course of the next 3 years. Below please find the list and description of each of the submitted projects for consideration:

Wilmington MPO

Completion of the Environmental Document for the Crossing over the Cape Fear River (\$100,000)

The North Carolina Department of Transportation is currently working to complete the environmental document for the Crossing over the Cape Fear River. The environmental document will identify the least environmentally damaging practical alternative which will serve as the selected route to provide for an improved connection between New Hanover and Brunswick Counties. Since the project was not funded in the 2015-2025 DRAFT State Transportation Improvement Program, NCDOT is considering discontinuing work on this initiative. The best way to allow this project to move forward is for the MPO to program a token amount of STP-DA funds for the completion of this environmental document.

Feasibility Study for the relocation of the Rail line (\$300,000)

The CSXT rail line originates in Brunswick County, crossing the Cape Fear River into the City of Wilmington just north of the Isabelle Holmes Bridge. The rail line then continues eastward through the City before turning south and west again-- back toward the river and the Port of Wilmington. The sweeping path of the rail line thus forms a large "U" (on its side) which, at one time, wrapped around the eastern limits of the City. Today, this same rail line passes through the heart of the City of Wilmington, resulting in thousands of motor vehicle rail crossings each day and adversely impacting the quiet enjoyment of many neighborhoods in the city.

A potential alternative solution to improve rail access to the State Ports and minimize vehicular and rail conflicts would be to relocate the existing rail line to a crossing of the Cape Fear River closer to the Port property, thereby eliminating rail traffic through the heart of the city, and dramatically improving rail access to the Port. The relocation of the rail line would be beneficial to CSXT, the State Ports and the City of Wilmington by eliminating tens of thousands of at grade vehicular rail crossings on a daily basis, improving mobility throughout the City of Wilmington, and improving rail operations and safety en route to the ports. Improved rail access to the Ports would also have benefits of Statewide significance, in terms of economic development of business and industry throughout North Carolina.

On December 10, 2014 the Wilmington MPO's Transportation Advisory Committee adopted a resolution encouraging the MPO, NCDOT and CSXT to complete a feasibility study to evaluate the relocation of the CSXT rail line across the Cape Fear River. This feasibility study would evaluate the opportunities and challenges associated with the the relocation of the rail line.

Metropolitan Transportation Plan- 2045 (\$100,000)

MAP-21 and USDOT's Metropolitan Planning Regulations require MPO's to have a Long-Range Transportation Plan that is multi-modal, financially constrained, contains a minimum 20 year planning horizon, adhere to the MPO's adopted public involvement policy, have growth forecasts consistent with latest local land use plan, and the plan must be approved by the MPO. The LRTP (now known as the Metropolitan Transportation Plan) must be updated every 5 years. The physical product of this MTP will be in one or more assembled documents containing all plan elements. The MPO is currently developing *Cape Fear Transportation 2040* which is anticipated to be adopted in December 2015. It is anticipated that work will commence on the 2045 Metropolitan Transportation Plan beginning in 2017 for adoption in 2020.

Bike Share Feasibility Study (\$80,000)

The purpose of this study would be to evaluate whether bike share could be successful in the Greater Wilmington Area. The study would also introduce recommendations for what the region could do to increase readiness and to improve the likelihood of success for a bike sharing program. It would include an analysis of where bike share stations could be located and how they could be phased-in. The WMPO is uniquely situated to develop a bike share feasibility study now due to the recent preponderance in construction of bicycle lanes, trails, and multi-use paths. The interest in bicycling as a mode of travel, tourism and recreation has grown in all of the WMPO member jurisdictions. This study would educate WMPO jurisdictions as to how to best capitalize on these investments in bicycle facilities.

Brunswick County

Brunswick County Greenway & Blueway Master Plan (\$12,000)

A Draft Brunswick County Greenway & Blueway Master Plan was written back in 2004 by the National Park Service through a technical grant. Although never finished nor adopted, the plan was comprehensive and encompassed both blueways and greenways. It also includes goals, demonstration projects, recommendations as well as a various maps including a Greenways and Blueways Master Map, Municipality Greenway Maps, Demonstration Project Maps, and a County Resource Map. Since that time a lot has happened in and around Brunswick County from rapid development and population growth to sharp decline in the economy. The existing Brunswick County Greenway & Blueway Master Plan needs to be re-looked at, updated with more relevant data and modernized. Brunswick County Planning staff has started updating the maps and has even with several Municipalities to identify greenway routes and pinpoint blueway accesses.

Project Description

The project consists of updating and finishing the Brunswick County Greenway & Blueway Master Plan. This will include preparing GIS maps and updating plan. The project concludes with taking the plan to municipalities for endorsement and/or approval and then to Brunswick County for adoption.

Specific tasks include:

1. Updating and preparing GIS Maps. The maps include the existing Brunswick County Greenway and Blueway Master Plan Maps, the Existing Resource Map, Municipality Greenway Maps, Demonstration Maps, and Greenway and Blueway Plan. This task will require updating existing conditions and resources as well as identifying greenway routes and pinpointing blueway accesses;

2. Update and extensively editing the Greenway and Blueway Master Plan document. This may include adding new recommendations and guidelines as well as add any new greenway routes and blueway accesses;
3. Develop and conduct municipalities meetings to gather information to update the maps and identify greenway routes and pinpoint blueway accesses in and around each jurisdiction;
4. Develop and conduct public input meetings. Present plan and obtain for endorsement and/or approval from municipalities throughout Brunswick County. Then present plan for adoption from Brunswick County.

Brunswick County Land Use Survey (\$40,000)

The GSATS MPO has undertaken a land use survey in the southern portion of Brunswick County covering the MPO area. The project is a detailed, parcel-level survey with the results designed for integration into the County's GIS information base for use in transportation planning and other planning efforts. The work is being conducted by temporary employees hired by GSATS specifically for the project.

Expansion of the survey work to include county-wide coverage, including the Brunswick County portion of the Wilmington MPO area, is seen as an invaluable resource for transportation planning and other planning needs. Participation with the Cape Fear RPO will be pursued as well so that we will have the same information for all of Brunswick County.

Town of Carolina Beach**Town-wide Traffic / Parking Study (\$65,000)**

As the Town develops there are increased needs for improving transportation and more parking. This plan would analyze where traffic design changes are needed in our community, how to maximize our returns on investments (i.e. surface lots vs. parking decks), and look at other innovative ways we can better move people (vehicles/bicycles/pedestrians) from within our community.

Town of Leland**Gateway Area Plan (\$25,000)**

A plan detailing the retro fit of the Gateway Area, to include but not limited to Village Road, Old Fayetteville Road, Town Hall Drive, and S. Navassa Road, bringing those streets and frontages up to standard with the NCDOT Complete Street Guidelines. I would give a rough estimate of \$25K

Regional Greenway Plan (\$15,000)

The Town would be interested in a regional Greenway plan, this may work best in conjunction with the county's efforts or visa versa .

Town of Leland Street Design Manual (\$15,000)

The Town of Leland are working with MPO staff to put together a street design manual. This manual may also benefit the other member jurisdictions.

Town of Navassa**Magnolia Drive Extension Feasibility Study (\$50,000)**

The numbers are probably low, but CSX does a lot of maintenance on the rail line along Old Mill Road. Just recently the residents of Magnolia Drive were forced to park on Old Mill, and promised that CSX has protocols if something bad were to happen, but it's just an unacceptable situation that DOT needs to look at.

An I-140 Corridor/Land Use Plan (\$125,000)

Something that looks at development along I-140. It'd be nice to have a document to point to when developers submit final plat plans to get them to make more transportation improvements. It also seems as though industrial developers bought land along the CSX line because it was close to I-140, but they aren't considering rail spurs when they think about their property.

Bike/Ped Plan (\$30,000)

A basic bike ped plan with plausible cost estimates for CTP/MTP improvements. It'd be nice to have all of our STP and TAP submissions planned out.

Pender County**Technical Study: What is the return on investment for bicycle and pedestrian infrastructure? (\$30,000)**

It is envisioned that a study, particular to our region, could identify what a local government's return on investment for developing bicycle and pedestrian facilities. This study would look at the initial capital investment of the improvement as well as provide a potential expected recurring maintenance cost. Potential outcome may be an analysis on assessed real property and the actual timeframe in which the improvement pays for itself through real property tax levy. This could be beneficial for Pender, New Hanover, and Brunswick Counties as all are tasked with increasing population and heightened demands for services and facilities such as these. It may be considered that each type of facility (sidewalk, multi-use path, greenway trail, on-road bicycle lanes, etc.) could be evaluated.

Master Plan: Battleship to Battlefield (\$30,000)

A regionally significant plan to benefit Pender County, New Hanover County, and the City of Wilmington, is a bicycle and pedestrian master plan of the Battleship to Battlefield project that would identify the next steps and recommended preferred alignment of this project. This would coincide with our identified West Pender Rail Trail and would certainly assist in economic development initiatives along the US HWY 421 corridor, as well as provide for recreational opportunities for employees of major manufacturers, other job producing sectors, as well as serve as a regional tourist destination to promote the rich history of the Cape Fear Region including the U.S.S. North Carolina and Moores Creek National Battlefield.

Master Plan: Coastal Pender Greenway (\$30,000)

The Coastal Pender Greenway is an identified multi-use path that connects coastal unincorporated Pender County with Surf City. This project would benefit the ever-growing population of the entire Topsail Township and may be considered beneficial to New Hanover County as the project aligns with the Duke Energy Progress transmission line for future connectivity. This proposed facility would provide much needed bicycle and pedestrian amenities and could link major residential areas with commercial and institutional areas such as the Surf City Harris Teeter and soon to open Cape Fear Community College Surf City campus. Planning Staff has secured a potential trail head at the new Duke Energy Progress substation that is being constructed near the Hilltop area of Hampstead and the Town of Surf City has secured easements through development proposals so a coordinated effort is underway. The request would be to develop a master plan of the facility to provide guidance for facility construction and public investment.

WAVE Transit**Wave Transit Short Range Plan (\$100,000)**

The Cape Fear Public Transportation Authority plans to complete one plan over the course of the next 3 years. This is the completion of WAVE Transit's Short Range Transit Plan.



WILMINGTON URBAN AREA Metropolitan Planning Organization

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

MEMORANDUM

TO: TCC Members

FROM: Suraiya Rashid, Senior Transportation Planner

DATE: March 11, 2015

SUBJECT: Evaluation of Wilmington MPO Potential Future Planning Efforts

Members:

City of
WILMINGTON
Lead Planning Agency

Town of
CAROLINA BEACH

Town of
KURE BEACH

Town of
WRIGHTSVILLE BEACH

NEW HANOVER
County

Town of
BELVILLE

Town of
LELAND

Town of
NAVASSA

BRUNSWICK
County

PENDER
County

CAPE FEAR
Public Transportation
Authority

North Carolina
BOARD OF
TRANSPORTATION

At the February 11, 2015 Technical Coordinating Committee (TCC) meeting, TCC discussed the need for an evaluation tool for the wide breadth of needs for planning studies within the WMPO. Below please find an initial set of evaluation criteria for submitted projects, noting that a final version of this document will be used as a guide for TAC to prioritize projects and funding:

Evaluation Tiers

- A. Federal Requirements – Planning projects that must be completed in order for the Wilmington MPO to meet federal requirements. *80% funding available; score multiplied by 5*
- B. Comprehensive Studies – Planning projects that are comprehensive for at least an entire jurisdiction (mode-specific projects along a particular corridor do not count in this category). *70% funding available; score multiplied by 4*
- C. Project-Specific Studies – Planning projects that study a particular project within an identified corridor. *50% funding available; score multiplied by 3*
- D. Other Studies – Planning projects that do not fall within one of the categories above. Project must meet serve a transportation planning purpose. *30% funding available; score multiplied by 2*

Evaluation Criteria

- 1) Project Status – extent to which a project is easy to accomplish or provides immediate benefit (*select all that apply*)
 - a. Work on project has not commenced (*0 points*)
 - b. Project is already underway through other funding sources (*2 points*)
 - c. Transportation opportunities will expire if project is not funded immediately (*3 points*)
- 2) WMPO Support –(*select all that apply*)
 - a. General consistency with adopted MTP (*1 point*)
 - b. Need for project specified in MTP (*2 points*)
 - c. Existing resolution of support from member jurisdiction(s) (*2 points*)

- 3) Regional Consistency - Similar studies have been conducted by the WMPO in other WMPO member jurisdictions. Similar studies have been conducted in:
 - a. 1 of 10 WMPO member jurisdictions (1 point)
 - b. 3 of 10 WMPO member jurisdictions (2 points)
 - c. 5 of 10 WMPO member jurisdictions (3 points)
 - d. 7 of 10 WMPO member jurisdictions (5 points)
- 4) Regional Need – Study area of project touches at least:
 - a. 1 of 10 WMPO member jurisdictions (1 point)
 - b. 3 of 10 WMPO member jurisdictions (2 points)
 - c. 5 of 10 WMPO member jurisdictions (3 points)
 - d. 7 of 10 WMPO member jurisdictions (5 points)

Preliminary 2015 Planning Project Evaluations

Wilmington MPO

Completion of the Environmental Document for the Crossing over the Cape Fear River (\$100,000)

Tier C

Base Score –17 points (1b, 1c, 2a, 2b, 2c, 3d, 4b)

Extended Score -51 points

Feasibility Study for the relocation of the Rail line (\$300,000)

Tier C

Base Score – 7 points (1a, 2a, 2c, 3b, 4b)

Extended Score -21 points

Metropolitan Transportation Plan- 2045 (\$100,000)

Tier A

Score – 13 points (1a, 2a, 2b, 3d, 4d)

Extended Score -65 points

Bike Share Feasibility Study (\$80,000)

Tier D

Score –6 points (1a, 2a, 4d)

Extended Score -12 points

Brunswick County

Brunswick County Greenway & Blueway Master Plan (\$12,000)

Tier B

Score –8 points (1b, 2a, 3c, 4b)

Extended Score -32 points

Brunswick County Land Use Survey (\$40,000)

Tier D

Score – 4 points (1b, 4b)

Extended Score -8 points

Town of Carolina Beach**Town-wide Traffic / Parking Study (\$65,000)***Tier D**Score –1 points (1a, 4a)**Extended Score -2 points***Town of Leland****Gateway Area Plan (\$25,000)***Tier D**Score – 4 points (1b, 3a, 4a)**Extended Score – 8 points***Regional Greenway Plan (\$15,000)***Tier B**Score –5 points (1a, 2a,3c, 4a)**Extended Score -20 points***Town of Leland Street Design Manual (\$15,000)***Tier D**Score – 1 points (1a, 4a)**Extended Score -2 points***Town of Navassa****Magnolia Drive Extension Feasibility Study (\$50,000)***Tier C**Score – 3 points (1a, 3b, 4a)**Extended Score - 9 points***An I-140 Corridor/Land Use Plan (\$125,000)***Tier D**Score –1 point (1a, 4a)**Extended Score -2 points***Bike/Ped Plan (\$30,000)***Tier B**Score – 4 points (1a, 2a, 4c)**Extended Score -16 points***Pender County****Technical Study: What is the return on investment for bicycle and pedestrian infrastructure? (\$30,000)***Tier D**Score – 5 points (1a, 4d)**Extended Score -10 points*

Master Plan: Battleship to Battlefield (\$30,000)*Tier C**Score – 3 points (1a, 2a, 3a, 4a)**Extended Score -9 points***Master Plan: Coastal Pender Greenway (\$30,000)***Tier C**Score – 3 points (1a, 2a, 3a, 4a)**Extended Score – 9 points***WAVE Transit****Wave Transit Short Range Plan (\$100,000)***Tier B**Score – 8 points (1a, 2a, 2b, 4d)**Extended Score - 32 points***Project Ranking**

- 1) Metropolitan Transportation Plan- 2045 – 65 points
- 2) Completion of the Environmental Document for the Crossing over the Cape Fear River – 51 points
- 3) Wave Transit Short Range Plan – 32 points
- 4) Brunswick County Greenway & Blueway Master Plan – 32 points
- 5) Feasibility Study for the relocation of the Rail line – 21 points
- 6) Town of Leland Regional Greenway Plan – 20 points
- 7) Navassa Bike/Ped Plan – 16 points
- 8) Bike Share Feasibility Study – 12 points
- 9) Technical Study: What is the return on investment for bicycle and pedestrian infrastructure? – 10 points
- 10) Master Plan: Battleship to Battlefield – 9 points
- 11) Master Plan: Coastal Pender Greenway – 9 points
- 12) Magnolia Drive Extension Feasibility Study – 9 points
- 13) Town of Leland Gateway Area Plan – 8 points
- 14) Brunswick County Land Use Survey – 8 points
- 15) Town of Carolina Beach Town-wide Traffic / Parking Study – 2 points
- 16) Town of Leland Street Design Manual – 2 points
- 17) An I-140 Corridor/Land Use Plan – 2 points



Cape Fear Crossing

STIP U-4738

Brunswick and New Hanover Counties

STATUS REPORT

CAPE FEAR CROSSING WORKGROUP

March 1, 2015

Project Description

Roadway extending from the vicinity of US 17 Bypass and future 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 February:

- The project team continues to coordinate and correspond with project stakeholders.
- Functional Design Plans for the 12 detailed study alternatives (DSAs) are under development. Draft designs for eight alternatives (Alternatives B, C, G, J, M Avoidance, N Avoidance, Q, and T) have been submitted to NCDOT for review. The remaining alternative designs will be submitted to NCDOT for review the first week of March.
- The project team continues to work on the traffic capacity analyses and anticipate a draft Traffic Capacity Analysis Report will be submitted to NCDOT for review the first week of March.
- Hydraulic analysis of the DSAs is ongoing.
- The draft Historic Architecture Survey Report is currently being revised per NCDOT comments and the final will be submitted to NCDOT in March.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- Studies for the Community Impact Analysis and the Land Use Scenario Assessment are ongoing.
- Additional natural resource surveys (wetland, streams, and protected species) are anticipated to occur this spring.
- It is anticipated that the next workgroup meeting will be held in June 2015 with the understanding that adjustments may be needed to that timeframe depending on the amount of work completed.
- The draft STIP released by NCDOT in December 2014 does not include the Cape Fear Crossing project.
- NCDOT is currently evaluating an additional alternative proposed by the WMPO. There are currently 12 alternatives being designed and evaluated for inclusion in the draft environmental document. If it is determined this alternative is feasible, studies may need to be redone to include this alternative.

Contact Information

NCDOT – Jennifer Harris, jhharris1@ncdot.gov, 919.707.6025

AECOM – Joanna Rocco, joanna.rocco@aecom.com, 919.461.1434

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

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WILMINGTON MPO
TRANSPORTATION PLANNING
MARCH 2015

CONGESTION MANAGEMENT PROCESS

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

Next Steps:

- Continue data collection and monitoring of congestion

COLLEGE ROAD UPGRADES (U-5702) AND (U-5704)

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 draft STIP was released on December 4th and identifies all of the projects that will be funded in the NCDOT program. There are several projects on College Road.

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

U-5702: Construction of an additional northbound through-lane on College Road between Shipyard Boulevard and
Wilshire Boulevard

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.

Due to the project overlaps, NCDOT and Wilmington MPO staffs agree that the best solution is to prepare the planning and environmental documentation for two separate projects. The first project is for College Road from Gordon Road to Carolina Beach Road excluding the section between Wilshire Boulevard and Shipyard Boulevard. The second project is for the planning and environmental analysis of College Road between Wilshire Boulevard and Shipyard Boulevard. NCDOT has begun the process to a consulting firm(s) to complete these efforts.

METROPOLITAN TRANSPORTATION PLAN

Project Description/Scope: Update the Federally-mandated Metropolitan Transportation Plan/Long-Range Transportation Plan for the Wilmington Urban Area Metropolitan Planning Organization. Project lists were created and ranked in December 2014. Logistics and materials were prepared for the public review process starting in February 2015 and will continue through March 2015.

Next Steps:

- Public outreach on draft plan will occur in April 2014
- Review of public comments and revision of draft plan to occur in May/June
- Finalization of draft plan for adoption to occur in July 2015
- Adoption process to occur August 2015 to December 2015

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 Wilmington City Council has expressed a desire for staff to consider the inclusion of burying the utilities and the installation of mast arm signals at Market/17th Streets. On December 2nd the Wilmington City Council approved funding for the installation of the black powder-coated mast arm signal poles at 17th Street and Market Street to be incorporated into the project. Staff is working to complete the design and acquire the necessary approvals.

Next Steps:

- Complete design to incorporate black powder-coated mast arm poles at 17th/Market intersection
- Bid, Award and Construct the streetscape enhancements.

Pender County Collector Street Plan

The Wilmington MPO and Pender County have partnered to update the Coastal Pender County Collector Street Plan and to create a collector street plan for the area that was not previously part of the MPO. A Request for Proposals has been developed and the MPO is currently soliciting proposals. Proposals are due to the MPO by the end of March.

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: 9 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 5 reviews
- Town of Leland Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews

- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 15 total (New Hanover County 5, City of Wilmington 4, Carolina Beach 1, Leland 1, Brunswick County 3, and Pender County 1) new 2 and ongoing 13
- Pender County Development Plan Reviews: 2 reviews
- Pender County Informal Plan Reviews: 1 reviews
- City of Wilmington Formal Reviews: 27 (6 new, 21 on-going)
- City of Wilmington Informal Reviews: 10 (4 new, 6 on-going)

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

STP-DA

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

- 65% Design plans due March 2015
- Letting date anticipated in May 2015

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

- Design revisions to move Octagonal overlook away from buffer
- Final Design anticipated April 2015
- Letting date anticipated June 2015

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

- 75% Design Plans in Review
- ROW date anticipated March 2015
- Letting anticipated July 2015

U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP – 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:

- Town of Leland has requested additional funds due to path realignment

- Additional funds approved from TAC, NCDOT supplemental agreement is being prepared.
- Letting date is anticipated April 2015

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

- Community informational meeting held on March 7, 2015
- U-5534 E and U-5534 L – combined-Right of Way and Planning date of June 2015

U-5534M - CAUSEWAY DRIVE, WAYNICK BLVD./N. LUMINA AVE./STONE ST.–The construction of dual left turns from Waynick Blvd. to Causeway Dr., channelizing the one-way entrance to Lumina Ave. and improving lane markings, adjusting stop bar, straightening crosswalks at Waynick Blvd and installing bulb-outs at Lumina Ave./Stone St., and adding ADA compliant curb ramps at all crosswalks within the project area.

Next Steps:

- Town of Wrightsville Beach investigating options
- Right of Way Plans anticipated to be complete: April 21, 2015
- Anticipated Let Date: August 20, 2015

U-5534H – HINTON AVE MULTI-USE PATH – This project consists of the construction of a 10' wide multi-use path along Hinton Avenue from Park Avenue to Greenville Avenue.

Next Steps:

- Survey to begin March 2015
- Conceptual sketch anticipated April 2015
- R/W Plans complete July 31, 2015

U-5534G –HOOKER ROAD MULTI-USE PATH - 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:

- Survey to begin March 2015
- Conceptual sketch anticipated April 2015
- Right of Way Plans anticipated to be complete: May 18, 2015
- Anticipated Let Date: September 17, 2016

U-5534K –LELAND MIDDLE SCHOOL SIDEWALK - The construction of 5 foot wide concrete sidewalk adjacent to Old Fayetteville Road from Ricefield Branch Rd to the Hwy 74/76 overpass after Glendale Drive with connections to Leland Middle School and the surrounding neighborhoods.

Next Steps:

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

U-5534J –OLD FAYETTEVILLE LOOP ROAD PEDESTRIAN LOOP - The construction of 5 foot wide sidewalks in three locations: along Village Road from Town Hall Drive going southeast to the existing sidewalk in front of the apartment complex, along Town Hall Drive from Village Road NE to the sidewalk currently under construction by the new Town Hall, and along Old Fayetteville Road from the existing sidewalk in front of the apartment complex to Village Road NE

Next Steps:

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

U-5534I –VILLAGE ROAD MULTI-USE PATH EXTENSION - The construction of a 10 foot wide asphalt multi-use path routed across Perry Ave, behind the library, out to Village Road, down Village Road ending on the western edge of the First Baptist Church property before the Sturgeon Creek Bridge

Next Steps:

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

SHIPYARD BOULEVARD SIDEWALK- Project Description: 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:

- Survey to design conceptual plans anticipated March 2015
- Conceptual plans anticipated March 2015

TAP-DA

CITY OF WILMINGTON – MILITARY CUTOFF ROAD MULTI-USE PATH – 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:

- Survey to design conceptual plans anticipated March 2015
- Letting for construction is anticipated July 2015

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

- Right of Way Plans anticipated to be complete: May 23, 2016
- Anticipated Let Date: January 26, 2016

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

- Right of Way Plans anticipated to be complete: May 23, 2015
- Anticipated Let Date: January 26, 2016

TRANSPORTATION DEMAND MANAGEMENT PROGRAM

Project Description/Scope: UNCW is taking the role as lead employer for the Cape Fear region. The WMPO will coordinate with UNCW to work with other major employers in the region to identify opportunities for public outreach, marketing, carpooling, vanpooling, alternative/compressed work schedules, Emergency Guaranteed Ride Home, park and ride lots, etc. The MPO established 3 park and ride lots in Brunswick County and a ridesharing program that began on January 5th. The MPO adopted “Work Cape Fear: Expanding Commuter Options in the Cape Fear Region” TDM Short Range Plan on January 28th and also authorized staff to apply for a TDM grant through NCDOT that if approved would fund a full-time TDM Coordinator position

Next Steps:

- Continue drafting the 25-year TDM plan
- Promote 2 Park & Ride Lots in Brunswick County
- Await a response from NCDOT on the full-time TDM Coordinator position

US 17 BUSINESS CORRIDOR STUDY

In 2007 the Wilmington MPO, in cooperation with NCDOT and the City of Wilmington completed the US 17 Business Corridor Study. The Corridor Study recommended the implementation of a “road diet.” This recommendation included a requirement to construct Independence Boulevard Extension prior to implementation. Citizens have continued to request the implementation of the “road diet,” however the construction of Independence Boulevard extension is now many years off. The City of Wilmington and Wilmington MPO have requested an update of this study to re-examine the feasibility of implementing the road diet without first constructing Independence Boulevard extension. The MPO has hired Parsons Brinkerhoff (PB) to develop the update of this study. The scope and fee have been approved. PB will begin work on the project beginning in January 2015. Data collection is underway. The project is anticipate to be completed in June.



Cape Fear Public Transportation Authority

Project Update

March 2015

- 1. Operations center** - (no change) construction of 37,621 square foot maintenance and operations facility located on Castle Hayne Road which will serve as operation center for all Wave Transit fixed route and Paratransit operations. Will include compressed natural gas fueling station. Project completion based on completion of punch list items, but expected in a matter of weeks. Dedication ceremony details pending.
- 2. Fleet replacement & conversion to CNG** - identifying state and federal funding opportunities to replace 19 thirty-five foot buses. FTA funding for 80% of two CNG buses has been identified under FTA §5316 and §5317 program and local funding is included in City of Wilmington FY 2015 budget. New buses to be fueled by compressed natural gas. Fleet replacement programmed at a cost of \$8,100,000. Bid awarded to Gillig, LLC on June 26, 2014. Purchase order for two buses issued on June 26, 2014. Delivery June, 2015. Purchase order for six buses issued February 26, 2015.
- 3. FTA §5310 Program** - (no significant change) Designation from NC Governor as designated recipient for FTA §5310 Elderly and Disabled Transportation Program designated recipient completed in July. Authority staff in discussion with WMPO to develop FTA required program management plan (PMP) to outline goals of 5310 program. PMP expected to be complete in spring 2015.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

March 3, 2015

TIP Projects:

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

Estimated Contract Completion Date November 15, 2016

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

Estimated Contract Completion Date April 30, 2018

Open to traffic on November 1, 2017

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

Estimated Contract Completion Date April 30, 2018

Open to traffic on November 1, 2017

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

Estimated Contract Completion Date May 13, 2016

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

Estimated Contract Completion Date May 13, 2016

Market Street Wal-Mart Development: construct a median on Market Street from Marsh Oaks Drive to the existing median at Porter's Neck. Install bulb-outs, on Market Street, at Marsh Oaks Drive & Porter's Neck Road intersections. A signal will be installed on Market Street at the main entrance to the new Wal-Mart.

Estimated Completion Date May 2015

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

Availability Date March 30, 2015

Estimated Contract Completion Date September 28, 2016

Scheduling 3rd Street Road Closure the Monday after Azalea Festival

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

Let Date April 2015

B-4440: replace bridge #163 over Mulberry Branch, on SR 1349 (Bridger Road)

DRAFT TIP Construction 2016

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

DRAFT TIP Construction 2017

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

DRAFT TIP Construction 2017

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

DRAFT TIP Construction 2017

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

DRAFT TIP Construction 2019

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

DRAFT TIP Construction 2019

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

DRAFT TIP Construction 2020

B-5540: replace bridge #202 over branch of Shallotte River, on SR 1357 (Smith Ave.)

DRAFT TIP Construction 2020

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

DRAFT TIP Construction 2020

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

DRAFT TIP Construction 2020

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

DRAFT TIP Construction 2020

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

DRAFT TIP Construction 2022

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

DRAFT TIP Construction 2022

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

DRAFT TIP Construction 2022

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

Estimated Contract Completion Date January 18, 2016

Greenfield Lake Culvert: replace the large culvert under 3rd Street and US 421 Truck/Front Street...Utility relocation work will begin late 2013 and finish

prior to let date

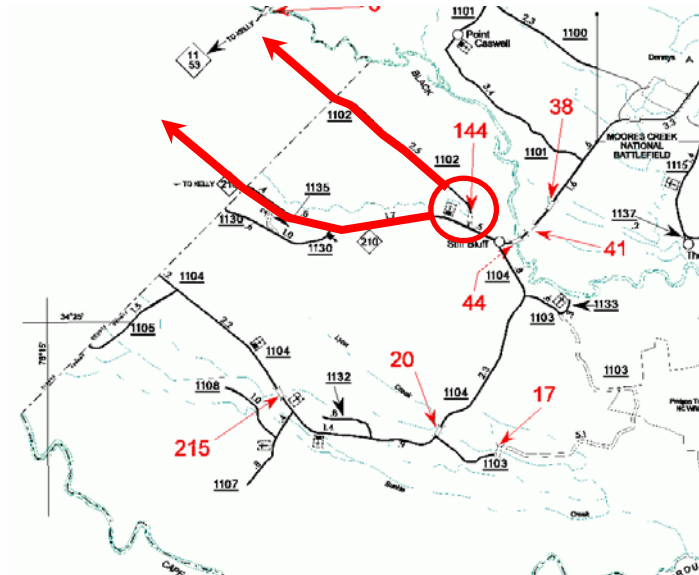
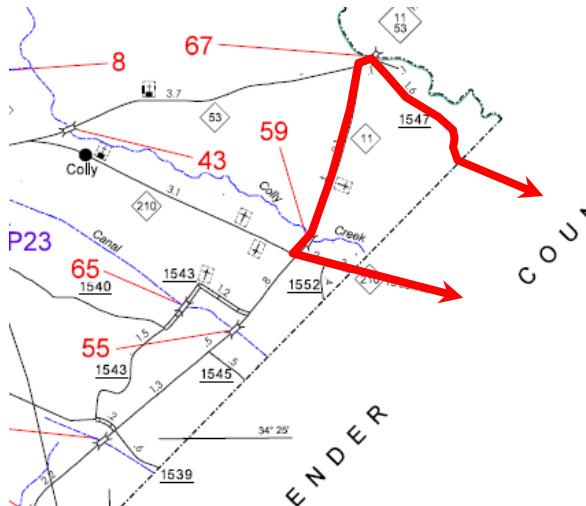
All Bids were high will Re-Let

Low Impact Bridge Program:

17BP.3.R.26: replace bridge #144 over branch of the Black River on SR 1102 (Morgan Road)

Pender Bridge 144

Detour Route



SR 1102 (Morgan Road) to NC 210, crossing into Bladen County to NC 11 to NC 11 / 53
to SR 1547 (Kelly Road), crossing into Pender County SR 1102 (Morgan Road)

Under Construction

Resurfacing Contracts:

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

Brunswick County primary routes:

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

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

Brunswick County secondary routes:

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

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

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

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

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

SR 1430 (Cedar Hill Road) – patching, mill & resurface from 0.54 miles north

of

SR 1431 (Royster Road Northeast) to SR 1426 (Mount Misery Road)

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

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

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

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

US 421 Southbound Lanes (South 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 of Town of Atkinson.

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

Estimated Contract Completion Date May 2015

Resurfacing Contract: DC-00089 3CR.10651.166

Carolina Beach:

US 421 – mill & resurface from E Avenue (Kure Beach) to Cardinal Sands Drive in Carolina Beach.

Estimated Contract Completion Date May 2015

Resurfacing Contract: DC-00090 3CR.10101.165

Brunswick County:

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

Estimated Contract Completion Date November 2015

Resurfacing Contract: DC-00091 3CR.10711.165

Pender County:

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

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

Estimated Contract Completion Date October 2015

Resurfacing Contract: C203839 3CR.10651.170

New Hanover County:

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

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

Availability Date March 30, 2015

Estimated Contract Completion Date September 2015

Resurfacing Contract: C203630 WBS #46176.3.FS1

New Hanover & Pender Counties:

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

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

Availability Date March 30, 2015

Estimated Contract Completion Date September 2016

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