



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

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

### **Technical Coordinating Committee Meeting Agenda**

**TO:** Technical Coordinating Committee Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** September 7, 2016  
**SUBJECT:** September 14<sup>th</sup> meeting

A meeting of the Wilmington Urban Area MPO's Technical Coordinating Committee will be held on Wednesday, September 14<sup>th</sup> at 10 am. The meeting will be held in the Lord Spencer Compton Conference Room at 102 North 3rd Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of the Agenda
- 3) Approval of Minutes
  - a. 8/17/16
- 4) Presentation
  - a. Bike Share Programs, Katie Sargeant and Eric Sims, Gotcha Bikes
- 5) Consent Agenda
  - a. Opening of the 30-day public comment period for STIP/MTIP Amendments (September)
  - b. Opening of the 14-day public comment for Prioritization 4.0 Division Needs Local Input Point Assignment
  - c. Resolution approving STIP/MTIP Modifications (August)
- 6) Regular Agenda
  - a. Resolution approving an Amendment to the Wilmington Urban Area MPO Bylaws
  - b. Resolution requesting the North Carolina Department of Transportation provide notifications and implement restrictions for work on the Cape Fear Memorial Bridge
  - c. Resolution requesting the North Carolina Department of Transportation begin Planning and Preparations for the Replacement of the Cape Fear Memorial Bridge and also Continue the Development of the Cape Fear Crossing Project as quickly as possible
- 7) Discussion
  - a. STIP/MTIP Modifications (September)
  - b. 2017 STBGP-DA and TASA-DA Call for Projects

### Wilmington Urban Area Metropolitan Planning Organization

- 
- c. Resolution from Town of Wrightsville Beach
  - d. 2018 UPWP Call for Projects
  - 8) Updates
    - a. Crossing over the Cape Fear River
    - b. Wilmington MPO
    - c. Cape Fear Public Transportation Authority
    - d. NCDOT Division
    - e. NCDOT Transportation Planning Branch
  - 9) Announcements
    - a. STBGP-DA and TASA-DA Mandatory Training- September 13<sup>th</sup>
    - b. WMPO Bike/Ped Committee Meeting- September 22<sup>nd</sup>
  - 10) Next meeting –October 12, 2016

**Attachments:**

- Minutes 8/17/16 meeting
- STIP/MTIP Amendments (September)
- Draft Prioritization 4.0 Division Needs Local Input Point Assignment
- STIP/MTIP Modifications (August)
- Resolution approving STIP/MTIP Modifications (August)
- Proposed Wilmington Urban Area MPO Bylaw Revisions
- Resolution approving an Amendment to the Wilmington Urban Area MPO Bylaws
- Resolution requesting the North Carolina Department of Transportation provide notifications and implement restrictions for work on the Cape Fear Memorial Bridge
- Resolution requesting the North Carolina Department of Transportation begin Planning and Preparations for the Replacement of the Cape Fear Memorial Bridge and also Continue the Development of the Cape Fear Crossing Project as quickly as possible
- STIP/MTIP Modifications (September)
- Resolution from Town of Wrightsville Beach
- 2018 UPWP Call for Projects
- Cape Fear River Crossing Update (September)
- Wilmington MPO Project Update (September)
- Cape Fear Public Transportation Authority Update (September)
- NCDOT Project Update (September)

**Wilmington Urban Area  
Technical Coordinating Committee  
Meeting Minutes for August 17, 2016**

**Members Present:**

Mike Kozlosky, City of Wilmington  
Don Bennett, City of Wilmington  
Ed Parvin, Town of Carolina Beach  
Adrienne Harrington, TDM  
Robert Waring, Town of Leland  
Ken Vafier, New Hanover County  
Athina Williams, Town of Belville  
Allen Serkin, Cape Fear Council of Government

Nancy Avery, Town of Kure Beach  
Stephanie Ayers, NC Ports  
Helen Bunch, Brunswick County  
Albert Eby, CFPTA  
Tray Burke, Town of Navassa  
Zach Steffey, Town of Wrightsville Beach  
Nazia Sarder, NCDOT Planning Branch

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:04am.

**2. Approval of Agenda**

With no changes to the meeting agenda, Ms. Bunch made the motion to approve the agenda. Ms. Harrington seconded the motion and it carried unanimously.

**3. Approval of Minutes**

The minutes for the July 13, 2016 meeting were approved unanimously.

**4. Presentations**

**b. Section 5310 Program, Albert Eby and Vanessa Lacer, CFPTA** (moved ahead)

Mr. Eby and Ms. Lacer gave a presentation on the Cape Fear Public Transportation Authority's Section 5310 Program.

Mr. Eby gave a brief overview of the Section 5310 Elderly and Disabled program and CFPTA's accomplishments since becoming the designated recipient. Mr. Eby noted that one of the requirements for eligibility was the development of the Program Management Plan (PMP). As outlined in the PMP, Ms. Vanessa Lacer was hired as the Mobility Manager to oversee the program's activities.

Ms. Lacer told members that on a Federal level, the mission of the Section 5310 program is to remove barriers to public transportation. She gave a brief overview of educational opportunities and activities being offered to eligible recipients through the new WAVE Connect program.

A brief question/answer period followed the presentation.

**a. Joint FHWA/FTA Certification Review, Ron Lucas, FHWA**

Mr. Ron Lucas gave a brief overview of the FHWA/FTA Certification Review that took place on April 14<sup>th</sup>. He told members that the Certification Review included a desk audit, a public comment meeting and an on-site review. Mr. Lucas reviewed the commendations and recommendations from the review committee. He noted that no corrective actions were identified during the audit. He congratulated the MPO staff on their successful certification review.

## **5. Consent Agenda**

- a. **Opening of the 30-day public comment period for STIP/MTIP Amendments (August)**
- b. **Resolution approving STIP/MTIP Amendments (June and July)**
- c. **Resolution encouraging the North Carolina Department of Transportation to provide notifications and implement restrictions for work on the Cape Fear Memorial Bridge and work toward the long-term replacement of the bridge**
- d. **Resolution supporting a modification in project limits for the Cape Fear Boulevard Multi-use path Project**

Mr. Bennett made the motion to approve the consent agenda and forward to the WMPO Board for consideration. Mr. Waring seconded to motion and it carried unanimously.

## **6. Regular Agenda**

- a. **Resolution adopting the Wilmington Urban Area MPO's 2016 Congestion Management Process Biennial Report**

Ms. Doliboa told members that the report is the first Congestion Management Process Biennial Report. She noted that when the MPO was designated as a Transportation Management Area (TMA), FHWA required that the WMPO complete a Congestion Management Process. Ms. Doliboa said the purpose of the biennial report is to demonstrate how the WMPO's regional network is performing according to the CMP performance measures. She explained how the data was collected and how the data was used for evaluating the SMP segments. Mr. Doliboa stated that the next step is to facilitate the implementation of the strategies to improve the CMP network. The data from the report will also be used as a component in the MTP project selection process.

A brief question/answer and discussion period followed. Mr. Kozlosky suggested reconvening the steering committee based on the discussions regarding the report.

Mr. Eby made the motion to support the adoption of the Wilmington Urban Area MPO's 2016 Congestion Management Process Biennial Report and forward to the WMPO Board for consideration. Ms. Harrington seconded the motion and it carried unanimously.

- b. **Resolution adopting the FY 2017 Surface Transportation Block Grant Program (STBGP) Submittal Guide and Competitive Process**

Mr. Lowe reminded members that the STP-DA and TAP-DA programs are being combined at the Federal level. As they come down to the MPO in the direct allocations, there will be two different pots of money similar to the TAP-DA and STP-DA programs. Mr. Lowe noted that effectively there's not much change in how the programs operate other than the name changing to Surface Transportation Block Grant Program and the Transportation Alternatives Set Aside.

Mr. Lowe told members the submittal guides for both the Surface Transportation Block Grant Program - Direct Attributable and the Transportation Alternatives Set Aside - Direct Attributable 2017 allocation are included in the packet. Due to problems and funding issues in previous years, this year's submittal will require a detailed opinion of probable construction costs that has been prepared by a licensed engineer. Staff will also require a project schedule that highlights key milestones and coordinates the schedule with NCDOT and WMPO. Mr. Lowe stated that the new requirements will

provide a good picture and understanding of the project process and timelines, and also help to ensure that the projects are moving forward.

Mr. Lowe reviewed the timeline for project submittals and reminded members that the mandatory training session will be held on September 13<sup>th</sup>.

Following a question/answer and discussion period, Ms. Harrington made the motion to adopt the FY 2017 Surface Transportation Block Grant Program - Direct Attributable (STBGP-DA) Submittal Guide and Competitive Process and forward to the WMPO Board for consideration. Mr. Bennett seconded the motion and it carried unanimously.

**c. Resolution adopting the FY 2017 Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) Submittal Guide and Competitive Process**

Mr. Bennett made the motion to adopt the FY 2017 Transportation Alternatives Set Aside-Direct Attributable (TASA-DA) Submittal Guide and Competitive Process and forward to the WMPO Board for consideration. Ms. Avery seconded the motion and it carried unanimously

**d. Resolution requesting the North Carolina Department of Transportation begin right of way acquisition for the Hampstead Bypass**

Mr. Kozlosky told members that House Bill 959 was passed by the legislature and all transportation corridor maps were rescinded across the state. It also provided additional stipulations regarding corridor maps. He said the MPO had a corridor map on record for the Hampstead Bypass. Since that map has been rescinded, the WMPO is requesting that NCDOT begin right-of-way acquisition in order to preserve the corridor.

Mr. Vafier made the motion to support the resolution requesting NCDOT begin right of way acquisition for the Hampstead Bypass and forward to the WMPO Board for consideration. Mr. Bennett seconded the motion and it carried unanimously.

**e. Resolution encouraging the North Carolina Board of Transportation to support a bicycle/pedestrian crossing on 17<sup>th</sup> Street at New Hanover Regional Medical Center**

Mr. Kozlosky told members that the Wilmington City Council approved a 720 space parking deck on the west side of 17<sup>th</sup> Street at New Hanover Regional Medical Center at their meeting on August 16<sup>th</sup>. He noted that New Hanover Regional Medical Center identified the building of an elevated structure over 17<sup>th</sup> Street in Phase II of the project. Mr. Kozlosky stated that in order to build such an encroachment, it will be necessary to go before the State Board of Transportation for approval.

Ms. Ayers told members she has some concerns regarding the elevated structure. She noted that College Road is the designated oversize route to the Port of Wilmington and with the anticipated work taking place on that route, it is likely that 17<sup>th</sup> Street would be the detour route for College Road. She told members that she has concern regarding the overhead vertical clearance related to an elevated crossing. Ms. Ayers asked that the resolution include verbiage that takes into account the freight component of this roadway and the need to have further consideration.

Mr. Serkin asked if the resolution was to approve a specific design or just the encroachment. Mr. Kozlosky said it is recommending the Board support the concept of elevated crossing over 17<sup>th</sup> Street.

Ms. Harrington suggested that the resolution include language ensuring that 17<sup>th</sup> Street continue to accommodate freight traffic if needed.

In a general discussion that followed, members agreed to amend the motion to include language noting that the Port of Wilmington is a major economic driver for the region, and because 17<sup>th</sup> Street is a designated detour route for the Port, an elevated walkway should be designed to accommodate oversized freight truck traffic to/from the Port of Wilmington.

Mr. Steffey made the motion to support the resolution as amended and forward to the WMPO Board for consideration. Ms. Avery seconded the motion. Ms. Ayers requested to abstain from the vote. The motion supporting an elevated Bicycle/Pedestrian crossing on 17<sup>th</sup> Street carried with 14 members voting in favor and Ms. Ayers abstaining.

## **7. Discussion**

### **a. STIP/MTIP Modifications (August)**

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

### **b. WMPO Bylaw Amendment**

Mr. Kozlosky said staff will be discussing amendments to the bylaws regarding Board member absences at their next meeting.

### **c. Public Participation Plan Update**

Mr. Kozlosky told members that staff will be bringing the Public Participation Plan back for update discussions at the next meeting.

## **7. Updates**

Updates are included in the agenda packet.

## **8. Announcements**

## **9. Adjournment**

With no further items, the meeting was adjourned at 11:33am.

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

## Proposed Revisions to 2016-2025 STIP/MTIP Program

### STIP/MTIP Amendments (September)

* M-0515 STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION. <u>ADD PROJECT AT THE REQUEST OF THE RIGHT-                  OFWAY BRANCH.</u>	RIGHT OF WAY	FY 2017 - \$250,000 (T) FY 2018 - <u>\$250,000</u> (T) \$500,000
--	--	--------------	--

SPOT ID	Project Category	TIP	Project Name	From	To	Description	NCDOT Estimate	Raw Division Needs P 4.0 score (out of 50)	SPOT 4.0 Division Needs Score	Includes Multi-modal Accommodations	WMPO P 3.0 Adopted Point Allocation	Consistency with Plans	Status of Project in Development	Total	Recommended Division Needs Local Input Point Allocation	Justification of Point Allocation
1	Highway	U-5863	NC 133	I-140/US17 (Wilmington Bypass)	Division Drive	Widen Highway, Add Multi-Use Path	\$30,374,000	29.542	59.084	100	100	100	50	81.817	100	
2	Highway	U-5869	US 17 BUS	US 17 (South 17th Street)	Covil Avenue	Construct a Road Diet, Add Bicycle Lanes	\$11,902,000	30.8045	61.609	100	100	100	25	77.322	0	Feasibility study indicates a need to delay project
3	Highway	U-3337	US 74 , US 76	SR 1437 (Old Fayetteville Road)		Convert Grade Separation to interchange	\$27,800,000	9.4905	18.981	100	100	100	25	68.796	100	
4	Highway		Rice Gate Way Extension	Rice Gate Way	Mallory Creek Road	Construct a roadway on new location to connect Rice Gate Way to Mallory Creek Road to allow for connectivity between US17 and NC133/River Road in Leland, North Carolina.	\$10,066,000	17.9805	35.961	100	0	100	100	67.192	0	Project being constructed through local funding mechanisms
5	Transit		Wilmington-Multimodal Facility - Phase 1B			This project will construct the upfit of Thomas Grocery bldg for retail/offices (Phase 1B), including office/meeting space (with a transportation purpose) for Wilmington Urban Area MPO. Upfit of Neuwirth bldg and construction of canopy (Phase 1A) has been funded. Transit portion of overall project will encompass a downtown transfer location for Wave Transit with over 10,000 monthly passengers. (Rail component will be future phase.)	\$132,728	7.857	15.714	100	0	100	100	63.143	100	
6	Rail		CSX SE			Construct a passenger station to accommodate future rail service in downtown Wilmington. This passenger station will be a part of a larger multimodal center ultimately accommodating public transportation, private mass transportation, passenger rail, bicyclists and pedestrians.	\$14,400,680	4.994	9.988	100	0	100	100	61.998	100	
7	Highway	U-5702	NC 132 (College Road)	US 421 (Carolina Beach Road)	US 117 (Shipyard Boulevard)	Implement access management and median modification improvements	\$39,000,000	24.313	48.626	100	0	100	50	59.725	100	
8	Highway	U-4434	SR 1209 (New Route - Independence Boulevard Extension)	US 17 Business (Market Street)	US-74 (Martin Luther King Jr. Parkway)	Construct Multi-Lanes on New Location	\$89,385,000	35.0035	70.007	100	0	100	25	59.001	100	
9	Highway	U-4434	SR 1209 (New Route - Independence Boulevard Extension)	Randall Parkway	US 17 Business (Market Street)	Construct Multi-Lanes on New Location	\$62,115,000	34.995	69.99	100	0	100	25	58.998	100	
10	Highway		US 421 (Carolina Beach)	US 117 (Shipyard Boulevard)	George anderson Drive	Upgrade Arterial By Adding a Landscaped Median	\$16,150,000	19.784	39.568	100	100	50	0	57.914	100	
11	Highway	U-3831B	SR 2048 (Gordon Road)	NC 132 interchange Road	West of US 17 (Market Street)	Widen to Multi-Lanes	\$28,741,000	28.5155	57.031	100	0	100	25	56.406	100	
12	Highway	U-4738	New Route - Cape Fear Crossings	US 17 in Brunswick County	US 421 (Independence Boulevard) in New Hanover County	Construct Freeway on New Location with a Structure Over the Cape Fear River (toll)	\$848,150,000	26.9575	53.915	100	0	100	25	55.783	100	
13	BikePed		Market Street and Gordon Road Crosswalk	Market Street	Gordon Road	Construct crosswalk at the intersection of Market Street and Gordon Road.	\$66,540	34.601	69.202	100	0	100	0	53.84	0	Project accommodated through U-4751
14	BikePed		US17 & Old Waterford Way/Ploof Road SE Crosswalk	Old Waterford Way	Ploof Road SE	Construct crosswalk from Old Waterford Way to Ploof Road SE crossing over US-17.	\$105,210	31.5535	63.107	100	0	100	0	52.621	100	
15	BikePed		Carolina Beach Road and Front Street Crosswalk	Carolina Beach Road	Front Street	Construct crosswalk at the intersection of Carolina Beach Road and Front Street.	\$66,540	31.101	62.202	100	0	100	0	52.44	100	
16	Highway		SR 1175 (Kerr Avenue)	Patrick Avenue	SR 1411 (Wrightsville Avenue)	Widen Arterial from Two to Four Lanes with a Median	\$25,900,000	30.568	61.136	100	0	100	0	52.227	100	
17	BikePed	EB-5765	NC132 N College Road Multi-Use Path	SR2208 (New Town Drive)	Danny Pence Drive	Construct a multi-use path along North College Road from New Town Drive to Danny Pence Drive and along Danny Pence Drive to school entrance.	\$179,090	29.2685	58.537	100	0	100	0	51.707	100	
18	Highway		North 23rd Street	US 74 (Martin Luther King, Jr. Parkway)	NC 133 (Castle Hayne Road)	Widen North 23rd Street from US 74 (Martin Luther King, Jr. Parkway) to NC 133 (Castle Hayne Road).	\$23,000,000	28.6005	57.201	100	0	100	0	51.44	100	



SPOT ID	Project Category	TIP	Project Name	From	To	Description	NCDOT Estimate	Raw Division Needs P 4.0 score (out of 50)	SPOT 4.0 Division Needs Score	Includes Multi-modal Accommodations	WMPO P 3.0 Adopted Point Allocation	Consistency with Plans	Status of Project in Development	Total	Recommended Division Needs Local Input Point Allocation	Justification of Point Allocation
19	Highway		SR 2313 (Wilshire Boulevard)	US117/NC132/College Road	MacMillan Avenue	Extend Wilshire Boulevard from College Road to MacMillan Avenue	\$2,425,000	27.232	54.464	100	0	100	0	50.893		
20	Highway		SR 1100 (River Road)	Independence Boulevard	US 421 (Snows Cut Bridge Road)	Widen from 2 to 4 Lane Highway with Portions Constructed As 4 Lane Highway on New Location, with a Multi-Use Path	\$149,582,000	26.238	52.476	100	0	100	0	50.495		
21	Highway	R-3300	H090215-A	US 17 Bypass South of Hampstead (at Military Cutoff Road Extension)	NC 210	Construct Freeway on New Location.	\$149,683,000	25.9555	51.911	0	0	100	100	50.382		
22	Highway		H150021	Greenville Loop Road		Add dual left turn lanes from US76/Oleander Drive to Greenville Loop Road with some widening on Greenville Loop Road for a receiving lane	\$434,000	24.159	48.318	100	0	100	0	49.664		
23	Highway		H090360	NC 133 (Castle Hayne Road)	SR 1002 (Holly Shelter Road)	Widen to multi-lanes	\$32,926,000	23.9175	47.835	100	0	100	0	49.567		
24	Highway		H090713	NC 133	US 17/74/76	Widen NC 133 (River Road) from the south of Rabon Way SE to the interchange at US 17/74/76	\$52,300,000	20.626	41.252	100	0	100	0	48.25		
25	Highway		H110991	SR 1175 (Kerr Avenue)	US 76 (Oleander Drive)	Construct Extension of Existing Roadway on New Location	\$11,370,000	19.277	38.554	100	0	100	0	47.711		
26	Highway		H150022	New Route	NC133/River Road	Construct a route on new location between US17 and NC133/River Road in the vicinity of Leland, NC	\$32,894,000	18.127	36.254	100	0	100	0	47.251		
27	Highway		H090725	Magnolia Drive	SR1426/Mount Misery Road	Construct An Improved Facility and extension of Magnolia Drive Between Mt. Misery Road and Old Mill Road	\$15,500,000	13.398	26.796	100	0	100	0	45.359		
28	Ferry		F150235	Southport - Ft Fisher		Acquire new river class vessel for Southport to Ft. Fisher	\$13,000,000	13.333	26.666	100	0	100	0	45.333		
29	Highway		H141233	SR 1437 (Old Fayetteville Road)	SR1472 (Village Road)	Widen Old Fayetteville Road from SR1472/Village Road to US74/76 Andrew Jackson Highway interchange	\$21,862,000	11.233	22.466	100	0	100	0	44.493		
30	Highway		H150019	SR 1563 (Sloop Point Loop Road)		Realign SR1566/Country Club Drive and SR1693/Doral Drive intersections with SR1563/Sloop Point Loop Road to remove offsets	\$1,840,000	4.4655	8.931	100	0	100	0	41.786		
31	BikePed	EB-5764	B141307	US76 Wooster Street Sidewalk	US76 (Oleander Drive)	Construct a sidewalk on US76 Wooster Street from 8th Street to US76 Oleander Drive	\$158,516	46.4065	92.813	0	0	100	0	38.563		
32	BikePed		B150168	Wilshire Boulevard Sidewalk	MacMillan Avenue	Construct a sidewalk along Wilshire Boulevard from Kerr Avenue to MacMillan Avenue	\$344,059	46.056	92.112	0	0	100	0	38.422		
33	BikePed		B150189	New Center Drive sidewalk	College Road	Construct sidewalk along New Center Drive from Market Street to College Road.	\$956,337	45.8985	91.797	0	0	100	0	38.359		
34	BikePed		B150246	College Road Sidewalk	Hurst Drive	Construct a sidewalk along College Road from Hurst Drive to Randall Parkway.	\$1,069,564	45.7295	91.459	0	0	100	0	38.292		
35	BikePed		B150178	College Road Sidewalk	Wrightsville Avenue	Construct a sidewalk along College Road from Wrightsville Avenue to Wilshire Boulevard.	\$551,781	42.5585	85.117	0	0	100	0	37.023		
36	BikePed		B150163	Wilshire Boulevard Sidewalk	Wrightsville Avenue	Construct sidewalk along Wilshire Boulevard from Wrightsville Avenue to Kerr Avenue.	\$1,709,960	42.3765	84.753	0	0	100	0	36.951		
37	BikePed		B150180	23rd Street Sidewalk	Princess Place Drive	Construct a sidewalk along 23rd Street from Princess Place Drive to One Tree Hill Way.	\$1,573,233	39.7	79.4	0	0	100	0	35.88		
38	BikePed		B150201	St. John Church Road Sidewalk	Jenkins Road	Construct sidewalk on St. John Church Road from Jenkins Road to end.	\$600,480	34.281	68.562	0	0	100	0	33.712		
39	Transit		T150465	Route 106 Amenity Upgrades		Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 106.	\$7,500	30.0785	60.157	0	0	100	0	32.031		
40	Ferry		F130001	Statewide: Support Vessel		Replacement Vessel (Support Fleet) for Tugs & Barges - Tugs: Albemarle, Dare, & Buxton Jr. - Barges: Fuel Barge(NC-2), Pipeline Barge(NC-1), Equipment Barge(NC-3); includes Albemarle RPO, Down East RPO, Cape Fear RPO, Mid-East RPO, and Wilmington MPO	\$10,745,000	29.445	58.89	0	0	100	0	31.778		

SPOT ID	Project Category	TIP	Project Name	From	To	Description	NCDOT Estimate	Raw Division Needs P 4.0 score (out of 50)	SPOT 4.0 Division Needs Score	Includes Multi-modal Accommodations	WMPO P 3.0 Adopted Point Allocation	Consistency with Plans	Status of Project in Development	Total	Recommended Division Needs Local Input Point Allocation	Justification of Point Allocation
41	BikePed		North College Road Sidewalk	New Village Way	Northchase Parkway W	Construct sidewalk along North College Road Sidewalk from New Village Way to Northchase Parkway W.	\$1,502,878	28.666	57.332	0	0	100	0	31.466		
42	Transit		Route 204 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 204	\$13,500	24.315	48.63	0	0	100	0	29.726		
43	Transit		Route 205 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 205	\$16,500	23.044	46.088	0	0	100	0	29.218		
44	Transit		Route 101 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 101	\$19,500	22.1855	44.371	0	0	100	0	28.874		
45	Transit		Route 202 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 202	\$13,500	22.0815	44.163	0	0	100	0	28.833		
46	Transit		Route 103 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 103	\$12,000	20.79	41.58	0	0	100	0	28.316		
47	Transit		Route 104 Amenity Upgrades			Install new/upgraded amenities at bus stops along WAVE Transit fixed-route number 104	\$10,500	19.174	38.348	0	0	100	0	27.67		
48	Highway	R-4462	US 74 , US 76	East of NC 87 (Macco Road)	SR 1426 (Mount Misery Road)	Upgrade Roadway to interstate Standards	\$76,500,000	18.8615	37.723	0	0	100	0	27.545		
49	Highway		NC 210	Navillus Boulevard	US17	Upgrade NC210 from Navillus Boulevard to US17	\$6,741,000	13.367	26.734	0	0	100	0	25.347		
50	Ferry		Southport - Ft Fisher			Construct additional mooring facilities at Southport	\$1,500,000	13.333	26.666	0	0	100	0	25.333		
51	Highway		SR 1140 (Burnette Blvd)	US 421 Carolina Beach Road	Myers Blvd	Widen SR 1140 Burnette Blvd to allow for additional storage at North Gate entrance to Port of Wilmington	\$3,300,000	11.843	23.686	0	0	100	0	24.737		
52	Highway		US 17	US 17 Business & US 17 Bypass interchange		Reconfigure ramps & add Multi-Lane northbound ramp from US 17 Business onto US 17.	\$5,400,000	18.2425	36.485	0	0	50	25	22.297		
53	Highway		US 17	US17 Bypass	SR 1571/Scotts Hill Loop Road	Improve safety and preserve capacity of Highway 17	\$30,800,000	26.448	52.896	0	0	50	0	20.579		
54	Rail		CSX MAIN			Construct rail across the Cape Fear River between the NC Port of Wilmington and Davis Yard.	\$185,130,000	13.639	27.278	0	0	50	25	20.456		
55	Rail		CSX AF			Extend rail north from Invista to Pender Commerce Park along US421.	\$5,694,698	0.496	0.992	0	0	100	0	20.198		
56	Highway		US 17	SR 1561 Sloop Point Road	NC 210 (Surf City)	Improve safety and preserve capacity of Highway 17	\$43,200,000	17.87	35.74	0	0	50	0	17.148		
57	Highway		US 17	SR 1571/Scotts Hill Loop Road	SR 1582/Washington Acres Road	Improve safety and preserve capacity of Highway 17	\$54,200,000	17.61	35.22	0	0	50	0	17.044		
58	Highway		US 17	SR 1563 Sloop Point Loop Road	SR 1561 Sloop Point Road	Improve safety and preserve capacity of Highway 17	\$39,700,000	13.88	27.76	0	0	50	0	15.552		
59	Rail		CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from just north of Wilmington to Wallace.	\$142,641,047	0.58	1.16	0	0	50	25	15.232		
60	Rail		CSX AC line (abandoned)			Restoration of the Wallace to Castle Hayne Rail Corridor from Burgaw to the Castle Hayne (phase 2), per Pender Co CTP project PEND0001-R.	\$77,963,605	0.58	1.16	0	0	50	25	15.232		
61	Aviation		ILM - Wilmington International			Project will improve safety by relocating the Airport's vehicle perimeter road outside NAVAID critical areas and Object Free Areas. The road will be all-weather road allowing traffic to be separated from Aircraft movement areas. Includes Project Request Number: 00003415	\$500,000	5.99	11.98	0	0	0	0	2.396		

## Proposed Revisions to 2016-2025 STIP/MTIP Program

### STIP/MTIP Modifications (August)

<p>EB-5543 NEW HANOVER PROJ.CATEGORY TRANSITION</p>	<p>SR 1403 (MIDDLE SOUND LOOP ROAD), OGDEN ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE). CONSTRUCT MULTI-USE PATH. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2017 - \$165,000 (DP) FY 2017 - <u>\$41,000</u>(L) \$206,000</p>
<p>U-4751A NEW HANOVER PROJ.CATEGORY STATEWIDE</p>	<p>LENDIRE ROAD, LENDIRE ROAD, WEST OF US 17 BUSINESS (MARKET STREET) TO US 17 BUSINESS (MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP ROAD). REALIGN ROADWAY. <u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATIONS, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2017 - <u>\$1,000,000</u> (T) \$1,000,000</p>
<p>C-5702B STATEWIDE PROJ.CATEGORY EXEMPT</p>	<p>NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. <u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u></p>	<p>OTHER</p>	<p>FY 2017 - \$1,500,000 (CMAQ) FY 2017 - <u>\$375,000</u> (L) \$1,875,000</p>
<p>* C-5702C STATEWIDE PROJ.CATEGORY EXEMPT</p>	<p>NORTH CAROLINA CLEAN ENERGY TECHNOLOGY CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL CMAQ-ELIGIBLE COUNTIES. <u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u></p>	<p>OTHER</p>	<p>FY 2018 - \$1,500,000 (CMAQ) FY 2018 - <u>\$375,000</u> (L) \$1,875,000</p>

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

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

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

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

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

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization desires to modify the State/Metropolitan Transportation Improvement Programs for projects EB-5534, U-4751A, C-5702B and C-5702C.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby approves amending 2016-2025 State/Metropolitan Transportation Improvement Programs for projects EB-5534, U-4751A, C-5702B and C-5702C.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 28, 2016.

---

Gary Doetsch, Chair

---

Mike Kozlosky, Secretary

**BYLAWS  
WILMINGTON URBAN AREA TRANSPORTATION  
ADVISORY COMMITTEE**

**ARTICLE I – NAME**

The name of this organization shall be the Wilmington Urban Area Transportation Advisory Committee, hereinafter referred to as the “TAC”.

**ARTICLE II – PURPOSE**

The purposes of the TAC are outlined in the most recent “Memorandum of Understanding” approved by the appropriate local governments.

**ARTICLE III – MEMBERS**

Section I – Number of Qualifications: The TAC shall consist as specified in the “Memorandum of Understanding”. The eligible voting member list consists of a representative from each of the appropriate boards with the City of Wilmington having two representatives.

Section II – Terms of Office: All elected representatives serving on the TAC may serve for the length of their elected terms. A member may serve successive terms.

Section III – Alternates: Each of the appropriate boards shall designate all members of their governing board who are not members of the TAC as alternate members of the TAC. In the event that a member is unable to attend, that member or the chief elected officer of that jurisdiction will designate an alternate to attend and participate in the member’s absence. That alternate member may serve as a full voting member during any meeting where one of that board’s representatives is not in attendance. Proxy and absentee voting are not permitted.

**ARTICLE IV – OFFICERS**

Section I – Officers Defined: The TAC shall, upon majority vote of its membership, appoint one voting member of the Committee to act as Chairman and one voting member to act as Vice-Chairman. A member of the staff of the Wilmington Urban Area Metropolitan Planning Organization will serve as Secretary to the Committee.

Section II – Duties: The Chairman shall call and preside at meetings and appoint committees. In absence of the Chairman, the Vice-Chairman shall preside and complete all duties of the Chairman.

Section III – Elections: The Chairman and Vice-Chairman shall be elected annually by the voting members of the TAC, with their terms to begin at that meeting. In the event that there is no Chairman or Vice-Chairman, the TCC Chairman shall preside until a Chairman and Vice-Chairman are elected. The Chairman and Vice-Chairman shall serve for a period of one (1) year from their election and may be re-elected.

## **ARTICLE V - MEETINGS**

Section I – Meetings: Regular schedules will be adopted by the TAC at the first meeting of the calendar year. If there is insufficient reason for a regularly scheduled meeting, as determined by the Chairman, the Secretary will notify TAC members of the meeting's cancellation. Meetings shall be conducted under parliamentary procedures consistent with Robert's Rules of Order.

A Special or Emergency meeting is a separate session of society held at a time different from that of a regular meeting, and convened only to consider one or more items of business specified in the call of the meeting. Notice of the time, place and exact purpose of the meeting must be mailed to all members a reasonable number of days in advance. The reason for the special or emergency meeting is to deal with important matters that may arise between regular meetings and that urgently require action by the society before the next regular meeting. As in the case of a regular meeting, the session of a special or emergency meeting in an ordinary society is normally concluded in a single meeting, unless the assembly at the special meeting schedules an adjourned meeting.

Special Meetings – The Chairman or a majority of board members may at any time call a special meeting of the Committee by signing a notice stating the time and place of the meeting and the subjects to be discussed. The person or persons calling the meeting shall cause the notice to be posted at City Hall in downtown Wilmington or the door of the regular meeting place at least forty-eight hours before the meeting. In addition, the notice shall be e-mailed or mailed to individuals and news organizations. Only items of business specified in the notice may be transacted at a special meeting.

Emergency Meetings- If a special meeting is called to deal with an unexpected circumstance requiring immediate consideration, the notice requirements of this rule do not apply. However, the person or persons calling an emergency meeting shall take responsible action to inform the other board members and the public of the meeting. Local news organizations having requested notice of the special meetings shall be notified of such emergency meetings by the same method

used to notify the board members. Only business connected to the emergency may be discussed at this meeting.

**Section II- TAC Sub-Committees:** The Transportation Advisory Committee may create Sub-Committees to assist with forwarding the mission and goals of the Wilmington MPO. These Sub-Committees shall be created by a formal vote of the Transportation Advisory Committee. The notice of Sub-Committee meetings shall be posted at City Hall in downtown Wilmington or the door of the regular meeting place at least forty-eight hours before the meeting. In addition, the notice shall be e-mailed or mailed to all Transportation Advisory Committee members and news organizations.

**Section III– Quorums and Majority Vote:** A quorum is required for the transaction of all business, including conducting meetings or hearings, participating in deliberations or voting upon or otherwise transacting public business. A quorum consists of 51% of the members of the TAC, plus as many additional members as may be required to ensure that 51% of the possible votes are present.

**Section IV– Attendance:** Each member shall be expected to attend each scheduled meeting. Any Board member asking to be excused shall require a call to the MPO’s Executive Director at least 24 hours in advance of the meeting. The Executive Director will at the beginning of the Board meeting, list the members requesting to be excused which will require a vote from the Board to approve these excused absences. If an Alternate attends a meeting in place of the member, this will not count as an absence for the member. For members not attending three (3) consecutive TAC meetings, the Chairman will send to the chief elected officer of the jurisdiction of the member in question, a letter indicating the number of absences and requesting re-affirmation or re-designation of the jurisdiction’s representative.

## **ARTICLE VI – VOTING PROCEDURES**

**Section I – Majority Votes:** Any member may call for a vote on any issue provided that it is seconded and within the purposes set forth in the “Memorandum of Understanding.” Each voting member of the TAC shall have one vote, and a majority vote of those present and voting shall constitute approval of any motion, provided a quorum exists. Abstentions are not included in the tally of the votes. Proxy and absentee voting are not permitted.

**Section II – Agenda:** The agenda is the list of items suggested for discussion at a TAC meeting. Agenda items originate as a carry-over from previous meetings, are placed on the agenda prior to its distribution by any member of the TAC, by request from any jurisdiction party to the “Memorandum of Understanding,” or by the request of a member of the Technical Coordinating Committee (TCC). TCC and TAC members may submit an item(s) to their respective TCC and TAC agendas. In order for a Board member to submit an

item(s) to the TCC or TAC, the item(s) must be submitted no later than 5:00 p.m. the first business day of the calendar month in which the item is requested to be considered. The item must include all pertinent background materials (resolution, maps, etc.). The TAC shall approve the agenda at the beginning of each meeting. At this time, the TAC shall have the ability to add or remove any item on the agenda by a super-majority vote of the TAC's voting members present. An item added to the agenda will be placed for consideration at the end of the meeting.

## **ARTICLE VII – AMENDMENTS TO BYLAWS**

Amendments to these Bylaws of the TAC shall require the affirmative vote of at least two-thirds (2/3) of the eligible voting members, provided that written notice of the proposed amendment has been received by each member at least seven (7) days prior to the meeting at which the item is to be considered and provided that such amendment does not conflict with the letter or the fundamental intent of the "Memorandum of Understanding" governing this document. In the event of any conflict, the "Memorandum of Understanding" shall carry precedence over these Bylaws.

Date Adopted \_\_\_\_\_

\_\_\_\_\_  
Signature of Chairman



**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION AMENDING THE BYLAWS 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 Bylaws serve as the written rules of conduct for the Wilmington Urban Area Metropolitan Planning Organization; and

**WHEREAS**, the Wilmington Urban Area Metropolitan Planning Organization has identified a need to amend the Organization's Bylaws to modify the attendance language to allow for Board member's excused absences.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby adopts the amended Wilmington Urban Area Metropolitan Planning Organization Bylaws.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 28, 2016.

---

Gary Doetsch, Chair

---

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF  
TRANSPORTATION PROVIDE ADVANCED NOTIFICATIONS AND IMPLEMENT  
RESTRICTIONS FOR WORK ON THE CAPE FEAR MEMORIAL BRIDGE**

**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 Cape Fear Memorial Bridge was completed in 1969 and provides a critical link between New Hanover and Brunswick Counties; and

**WHEREAS**, the North Carolina Department of Transportation is responsible for the operation of traffic flow and maintenance on state maintained roadways and bridges; and

**WHEREAS**, the Cape Fear Memorial Bridge is maintained by the North Carolina Department of Transportation and the bridge requires on-going up-keep, inspections, and maintenance which impacts traffic flow between New Hanover and Brunswick Counties; and

**WHEREAS**, the frequent lane closures for maintenance have created sever safety hazards to those using the bridge; and

**WHEREAS**, advanced notifications, timing of work (day vs. night) and the time of year in which the work is being completed all could mitigate the safety hazards and minimize the impacts to traffic flow on the bridge and between New Hanover and Brunswick Counties.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby urgently requests the North Carolina Department of Transportation provide advanced notifications prior to the initiation any work to be completed, schedule work during off-peak travel periods, work during the night and also do not complete any work between Memorial Day and Labor Day unless there is an emergency issue.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 28, 2016.

---

Gary Doetsch, Chair

---

Mike Kozlosky, Secretary

**WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
BOARD**

**RESOLUTION REQUESTING THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
BEGIN PLANNING AND PREPARATION FOR THE REPLACEMENT OF THE CAPE FEAR  
MEMORIAL BRIDGE AND CONTINUE THE DEVELOPMENT OF THE CAPE FEAR CROSSING  
PROJECT AS QUICKLY AS POSSIBLE**

**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 Cape Fear Memorial Bridge was completed in 1969 and provides a critical link between New Hanover and Brunswick Counties; and

**WHEREAS**, the Cape Fear Memorial Bridge is maintained by the North Carolina Department of Transportation and the bridge's inspections and maintenance impact traffic flow between New Hanover and Brunswick Counties; and

**WHEREAS**, the replacement of the Cape Fear Memorial Bridge will be critical to the safety, economic development, access to the Port of Wilmington and the efficient traffic flow between New Hanover and Brunswick Counties; and

**WHEREAS**, the Cape Fear Memorial Bridge will eventually need to be replaced in the future; and

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

**WHEREAS**, a range of alternative are being evaluated to identify those that best serve the project's purpose and need as well as minimize the impacts to the human and natural environment.

**NOW THEREFORE**, be it resolved that the Board of the Wilmington Urban Area Metropolitan Planning Organization hereby encourages the North Carolina Department of Transportation to begin planning and preparation for the replacement of the Cape Fear Memorial Bridge and also to continue the development of the Cape Fear Crossing project as quickly as possible.

**ADOPTED** at a regular meeting of the Wilmington Urban Area Metropolitan Planning Organization's Board on September 28, 2016.

---

Gary Doetsch, Chair

---

Mike Kozlosky, Secretary

## Proposed Revisions to 2016-2025 STIP/MTIP Program

### STIP/MTIP Modifications (September)

<p>* U-5790 NEW HANOVER PROJ.CATEGORY DIVISION</p>	<p>US 421 (CAROLINA BEACH ROAD), NC 132 (SOUTH COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON.WIDEN EXISTING ROADWAY AND CONSTRUCT FLYOVERS AT US 421 AND NC 132. <u>TO MODIFY CONTRACT FROM DESIGN BUILD TO CONVENTIONAL DESIGN BID BUILD, MOVE CONSTRUCTION FROM FY 20 TO FY 22.</u></p>	<p>RIGHT OF WAY UTILITIES CONSTRUCTION</p>	<p>FY 2020 - \$4,525,000 (NHP) FY 2020 - \$183,000 (NHP) FY 2022 - <del>\$20,386,000</del> (NHP) \$25,094,000</p>
--	---	--	---

William Blair, III  
Mayor

Elizabeth King  
Alderman

Lisa Weeks  
Alderman



Darryl Mills  
Mayor Pro Tem

Hank Miller  
Alderman

Tim Owens  
Town Manager

## TOWN OF WRIGHTSVILLE BEACH

Post Office Box 626  
321 Causeway Drive  
Wrightsville Beach, North Carolina 28480  
(910)239-1700  
FAX (910)256-7910

August 17, 2016

Mr. Mike Kozlosky, Executive Director  
Wilmington Metropolitan  
Planning Organization  
PO Box 1810  
Wilmington, NC 28402

Dear Mr. Kozlosky,

The Wrightsville Beach Board of Aldermen approved the attached resolution requesting that the North Carolina Department of Transportation or the Wilmington Metropolitan Planning Organization consider undertaking a feasibility study for future alternatives for bridge access from mainland New Hanover County to Wrightsville Beach. This study should also consider any short-term solutions that could improve traffic flow prior to the construction of a new bridge or any future renovation of the existing bridge.

As you are aware, the Heidi Trask Bridge was constructed in 1954 with the latest major renovation to the bridge being completed within the past several years. The area to the east of Wrightsville Beach is growing rapidly which will continue to increase congestion on the only road and bridge entering into Wrightsville Beach. Planning and constructing a large bridge project takes many years and many resources. It is for these reasons that the Town requests that you consider our request. If you have any questions, please contact me at (910)239-1770.

Sincerely,

Timothy W. Owens  
Town Manager

## RESOLUTION NO. (2016) 1992

Board of Aldermen  
Town of Wrightsville Beach, North Carolina  
Date: August 11, 2016



A RESOLUTION OF THE BOARD OF ALDERMEN OF  
THE TOWN OF WRIGHTSVILLE BEACH, NORTH CAROLINA  
REQUESTING THAT THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
AND THE WILMINGTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
EXPLORE THE FEASIBILITY OF FUTURE ALTERNATIVES FOR BRIDGE ACCESS  
FROM THE MAINLAND TO WRIGHTSVILLE BEACH

**WHEREAS**, the North Carolina Department of Transportation recently completed a renovation of the Heidi Trask Drawbridge (built in 1954) that included months of long lines of vehicles waiting to get onto and off of Wrightsville Beach; and

**WHEREAS**, the Board of Aldermen of the Town of Wrightsville Beach is concerned that regardless of how much we renovate the drawbridge, it is still sixty-two years old and the only way on and off of the island: and

**WHEREAS**, the Heidi Trask Drawbridge is the Town's lifeline and residents and businesses would be severely and adversely affected if anything were to happen to render the bridge unusable; and

**WHEREAS**, given the time it takes to plan and implement transportation projects, the Board of Aldermen is requesting that the North Carolina Department of Transportation and the Wilmington Urban Area Metropolitan Planning Organization begin to explore the feasibility of future alternatives for bridge access from the mainland to Wrightsville Beach; and

**WHEREAS**, the Board of Aldermen is also requesting that the future plan also look at short-term improvements that could be implemented to improve traffic flow prior to the construction of a new bridge or any further renovation to the existing bridge.

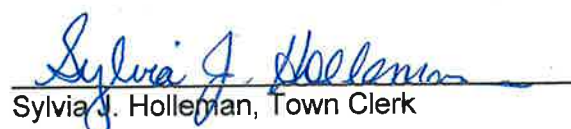
**NOW THEREFORE**, be it resolved that the Board of Aldermen of the Town of Wrightsville Beach, North Carolina hereby requests that the North Carolina Department of Transportation and the Wilmington Urban Area Metropolitan Planning Organization explore the feasibility of future alternatives for bridge access to Wrightsville Beach as well as short-term improvements that would improve traffic flow prior to the construction of a new bridge or further renovation to the existing bridge.

Adopted this 11<sup>th</sup> day of August, 2016.



William J. Blair III, MAYOR

ATTEST:

  
Sylvia J. Holliman, Town Clerk





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

## MEMORANDUM

TO: Board members

FROM: Mike Kozlosky, Executive Director

DATE: September 6, 2016

SUBJECT: Wilmington Urban Area MPO's 2018 UPWP Call for Planning Studies/Projects

---

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

The North Carolina Department of Transportation (NCDOT) has outlined the below schedule for adoption of 2018 UPWPs:

- January 31, 2017- Draft UPWPs for are due for FY 18
- March 31, 2017- Last day to submit adopted FY 18 UPWP
- June 30, 2017 – TPB approves FY 18 UPWP

Based on the schedule provided by NCDOT, the Wilmington Urban Area MPO presents the following process for FY 18.

### **Call for Planning Projects/Studies-**

The Wilmington Urban Area MPO's solicitation shall occur beginning on September 29<sup>th</sup> with submittals due to the MPO no later than 5 pm on November 15<sup>th</sup>. Responses shall include the name and description of the requested project/study, anticipated cost and any identified local funding contribution. Additionally, the MPO will also prepare a list of planning studies and projects it intends to pursue.

---

Wilmington Urban Area Metropolitan Planning Organization

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

---

**Drafting and Approving the UPWP-**

Once the proposed studies/projects have been submitted, the Wilmington Urban Area MPO will review the proposed projects/studies and develop a draft UPWP. The UPWP will be reviewed and approved by the TCC and TAC prior to March 31, 2017.





# Cape Fear Crossing

## STIP U-4738

### Brunswick and New Hanover Counties

---

#### PROJECT STATUS REPORT

September 1, 2016

##### Project Description

Roadway extending from the vicinity of US 17 Bypass and I-140 in Brunswick County to US 421 in New Hanover County, including a crossing of the Cape Fear River.

##### Current Status

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

- The project team continues to coordinate and correspond with project stakeholders.
- The Hurricane Evacuation Analysis Technical Memorandum has been finalized.
- The Historic Architecture Eligibility Report has been finalized. The project team will meet with the State Historic Preservation Office in the next few months to determine potential effects to these resources from the 12 Detailed Study Alternatives.
- Updates to the project website have been completed.
- Studies for the Traffic Noise Analysis and Air Quality Analysis are ongoing.
- An update to the Draft Natural Resources Technical Report is ongoing.
- The Draft Sea Level Rise Assessment is currently under review by NCDOT.
- An update to the Archaeological Predictive Model is ongoing.
- Right-of-Way cost estimates and relocation reports have been initiated.
- NCDOT is currently evaluating an additional alternative proposed by the WMPO near the Port of Wilmington. There are currently 12 alternatives being designed and evaluated for inclusion in the draft environmental document. NCDOT is coordinating with the NCSPA regarding this alternative; if it is determined this alternative is reasonable, studies may need to be redone to include this alternative.
- The Cape Fear Crossing project is programmed in the 2016-2025 STIP for planning and environmental studies only using STPDA funding from the Wilmington MPO.
- The project team will plan to present the status of the project to the WMPO TAC before the next NEPA/Section 404 Merger Team Meeting.

##### Contact Information

NCDOT – Tracy Roberts, [teroberts1@ncdot.gov](mailto:teroberts1@ncdot.gov), 919.707-2728

AECOM – Joanna Rocco, [joanna.rocco@aecom.com](mailto:joanna.rocco@aecom.com), 919.239.7179

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

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

Hotline: 1.800.233.6315

**WILMINGTON MPO**  
**TRANSPORTATION PLANNING**  
**SEPTEMBER 2016**

**CONGESTION MANAGEMENT PROCESS**

**Project Description/Scope:** Comply with a Federal mandate to create and adopt a process to evaluate the region's most congested corridors through locally-defined multi-modal performance measures in an effort to suggest improvements that would alleviate traffic congestion in the region. The CMP was adopted by the TAC on December 11, 2013. Data collection procedures have been developed. A schedule for collection logistics has been drafted and data collection will continuously be monitored and updated as needed. The Congestion Management Process Biennial Report was adopted on August 31, 2016.

Next Steps:

- Establish data collection schedule for 2016-2018

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

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

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

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

U-5792: Convert at-grade intersection to interchange

**Next Steps:**

- Complete Planning, Environmental Review and Design for the projects

**MAYOR'S RAIL RE-ALIGNMENT TASK FORCE**

The City of Wilmington has appointed a Mayor's Task Force to evaluate the feasibility of re-aligning the rail line that currently traverses the City of Wilmington and potentially re-purpose this rail line for another use. This project is jointly funded by the City of Wilmington, North Carolina Department of Transportation and Wilmington MPO. All three entities have agreed to participate financially in the study. The City contracted with Moffatt & Nichol to complete the study. A steering committee project kick-off meeting was held on July 15th. The consultant is currently evaluating potential rail alignments

and the socio-economic studies are underway. The consultant's first deliverable is the review of physical conditions which is due in September.

### **METROPOLITAN TRANSPORTATION PLAN**

**Project Description/Scope:** Update the Federally-mandated Metropolitan Transportation Plan/Long-Range Transportation Plan for the Wilmington Urban Area Metropolitan Planning Organization. The plan was adopted by all Wilmington Urban Area Metropolitan Planning Organization member jurisdictions and the WMPO Board. The MPO is developing the 2017-2021 Strategic Business Plan in an effort to implement the MTP.

#### **Next Steps:**

- Implementation of the plan
- Develop a Strategic Business Plan

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

**Project Descriptions/Scope:** The adopted 2016-2025 State Transportation Improvement Program identified funding to upgrade the intersection of Military Cutoff Road/Eastwood Road to an interchange. HDR has been selected by NCDOT to complete this work. The Department is evaluating several alternatives to include a single point urban interchange, at-grade quadrant, continuous flow intersection, etc.

#### **Next Steps:**

- Complete Planning, Environmental Review and Design for the project

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

**Project Descriptions/Scope:** The 17<sup>th</sup> Street streetscape project will include upgrades to 17<sup>th</sup> Street between Wrightsville Avenue and Princess Place Drive. The project will provide for a more efficient transportation system by reduced travel speeds, removal of the lateral shift, improved pedestrian crossings, improved safety and enhance the aesthetics of the area. The project may also include aesthetic improvements that will enhance the entryway into Carolina Heights and provide a pocket park. The project had a bid opening on March 3<sup>rd</sup>. The City awarded the construction contract to Lanier Construction on June 21<sup>st</sup>. Construction began on August 22<sup>nd</sup>. Construction is anticipated to last 9 months.

#### **Next Steps:**

- Complete construction of the improvements

### **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: 1 reviews
- New Hanover County Informal Plan Reviews: 3 reviews
- New Hanover Concept Reviews: 0 reviews
- Town of Leland Formal Reviews: 4 reviews
- Town of Leland Informal Reviews: 0 reviews
- Town of Carolina Beach Formal Reviews: 0 reviews

- Town of Carolina Beach Informal Reviews: 0 reviews
- Brunswick County Formal Plan Reviews: 0 reviews
- Brunswick County Informal Plan Reviews: 0 reviews
- TIA Reviews: 16 total (New Hanover County 6, City of Wilmington 8, Carolina Beach 0, Leland 0, and Pender County 2) new 3 and ongoing 13
- Pender County Development Plan Reviews: 6 reviews
- Pender County Informal Plan Reviews: 0 reviews
- Pender County Concept Reviews: 0 reviews
- City of Wilmington Formal Reviews: 50 ( 9 new, 41 on-going)
- City of Wilmington Informal Reviews: 20 ( 4 new, 16 on-going)
- City of Wilmington Concept Reviews: 10 (7 new concept reviews- 3 on-going concept)
- COW Project Releases: 8 Full releases

### **STP-DA/TAP-DA FY 2013, 2014 and 2015 Project Status**

#### **STP-DA**

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

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

#### **Next Steps:**

- The Town has indicated an interest in requesting the Board remove this project from the STIP. Staff is awaiting a letter from the Town.
- A meeting is scheduled between the Town, MPO and NCDOT to discuss the cost of the Navassa Park MUP project on September 9th

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

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

#### **Next Steps:**

- Construction contract awarded to Intercoastal Marine, LLC
- Earthwork and demo work underway
- Helical pile designs need to be submitted for review and piles ordered

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

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

#### **Next Steps:**

- Design plans are complete
- Right of Way is almost complete

- Updated schedule due September 9<sup>th</sup>

#### **U-5534D - TOWN OF LELAND - OLD FAYETTEVILLE ROAD MUP**

**Project Descriptions/Scope:** This project is for design and construction of a ten foot (10') wide multi use path, separate but adjacent to Old Fayetteville Road, beginning at or around the corner of the Leland Town Hall Campus and ending at the driveway of the North Brunswick High School.

#### **Next Steps:**

- Currently working on redesign and updating the PCE
- 90% plans submitted to NCDOT for review
- A meeting was held with Town, NCDOT, and WMPO on July 26<sup>th</sup> to discuss project. Significant design issues may exist. The Town is gauging property owner feelings towards right-of-way acquisition on the project.
- Updated schedule due September 9<sup>th</sup>

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

**Project Descriptions/Scope:** This project is for the design and construction of an off-road multi-use path that begins at Mike Chappell Park and winds along the existing cleared fire path and terminates at Alabama Avenue and the Harper Avenue bike lanes will consist of a bicycle boulevard on existing pavement on each side of Harper Avenue from Dow Road to Lake Park Boulevard. The Town desires to combine the project with the awarded 2014 STP-DA project.

#### **Next Steps:**

- NCDOT Approval received
- Town if awaiting finalized plans and specifications
- Awaiting easement approval from MOTSU
- MOTSU completion date anticipated around September 30, 2016
- Updated schedule due September 9<sup>th</sup>

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

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

#### **Next Steps:**

- Man-day estimate has been received from SEPI. The revised man-day estimate has been re-submitted to NCDOT.
- The Town has successfully negotiated contract with consultant.
- R/W Plans complete: February 2017
- Let Date: April 2017
- Updated schedule due September 9<sup>th</sup>

#### **U-5534H – HINTON AVE MULTI-USE PATH**

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

#### **Next Steps:**

- Plan comments have been received from NCDOT
- Right of way authorization and acquisition are on hold until the plan issues can be addressed
- Utility coordination underway
- Anticipated Let Date of July 2017
- Updated schedule due September 9th

#### **U-5534G –HOOKER ROAD MULTI-USE PATH**

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

##### **Next Steps:**

- Plan comments have been received from NCDOT
- Right of way authorization and acquisition are on hold until the plan issues can be addressed
- Utility coordination underway
- Anticipated Let Date of July 2017
- Updated schedule due September 9th

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

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

##### **Next Steps:**

- 100% Construction Plans completed
- The bid documents are being completed
- Town is acquiring right of way
- The project is currently under review
- Anticipated Let Date: Spring 2017
- Updated schedule due September 9th

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

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

##### **Next Steps:**

- 100% Construction Plans completed
- The bid documents are being completed
- The Town is acquiring right of way
- The project is currently under review
- Anticipated Let Date: Spring 2017
- Updated schedule due September 9th

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

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

**Next Steps:**

- 100% Construction Plans completed
- The bid documents are being completed
- The Town is acquiring right of way
- The project is currently under review
- Anticipated Let Date: Spring 2017
- Updated schedule due September 9th

**SHIPYARD BOULEVARD SIDEWALK-**

**Project Description/Scope:** The construction of a sidewalk and bus pull-out along Shipyard Boulevard between Vance Street and Rutledge Drive. This will be a partnership between the City of Wilmington, Cape Fear Public Transportation Authority and Wilmington MPO.

**Next Steps:**

- Contract being prepared for City signatures
- NCDOT review of the man-day estimates is complete
- Design anticipated to begin September 2016
- R/W plans anticipated December 2016

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

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

**Next Steps:**

- NCDOT approval received
- PE Services consultant services approved by NCDOT
- Design consultant agreement executed
- Complete design of the project
- Updated schedule due September 9th

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

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

**Next Steps:**

- AECOM has been selected to complete this design.
- Man-day estimates under review by NCDOT
- A scoping meeting has been held with NCDOT, City of Wilmington, WMPO and AECOM
- City to provide the survey for the project

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

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

**Next Steps:**

- Town of Leland in process of scoping project
- RFQ for firms was distributed in June
- Updated schedule due September 9th

**TAP-DA**

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

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

**Next Steps:**

- McKim & Creed provided surveying
- Man-day estimate from Stewart has been reviewed by NCDOT
- City is negotiating contract with Stewart
- R/W plans anticipated December 2016
- Updated schedule due September 9th

**U-5527B CITY OF WILMINGTON – 5<sup>th</sup> AVE INTERSECTION UPGRADES**

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

**Next Steps:**

- City of Wilmington is preparing plans for the project
- Signal plans sent to NCDOT for review.
- Quantities and specs are complete
- Right-of-way certification has been obtained
- PCE approval received
- Anticipated Let Date: December 2016
- Updated schedule due September 9th

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

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

**Next Steps:**

- NHC currently working on a Letter of Interest
- Updated schedule due September 9th

**U-5527D HARPER AVE. MULTI-USE PATH**

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

**Next Steps:**



- Agreement is in place
- PE funds have not been authorized, however Town has submitted the request
- Advertised for PE services
- Updated schedule due September 9th

### **TRANSPORTATION DEMAND MANAGEMENT PROGRAM**

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

#### **Next Steps:**

- Continue regularly scheduled TDM Committee meetings
- Finalize scope of work and negotiate contract for TDM branding materials and marketing plan
- Review options for commuter challenge
- Develop program brand (name and logo)
- Partner with schools in WMPO jurisdiction to provide carpool opportunities to parents
- Coordinate with employers to implement 2 additional vanpool programs



## Cape Fear Public Transportation Authority

### Project Update

September 2016

- 1. Bus fleet replacement & conversion to CNG** - (no change) identifying state and federal funding opportunities to replace 19 thirty-five foot buses. Bid awarded to Gillig, LLC on June 26, 2014. The Authority continues to seek federal funding for replacement buses.
- 2. Wilmington Multimodal Transportation Center** - Interlocal Agreement between Authority, City of Wilmington, WMPO and NCDOT finalized. Demolition of Haul building has been completed. The Authority is working to complete NEPA Document, stabilize Neuwirth Brothers and Thomas Grocery buildings, and design and construct transit portion of WMMTC. A contract with John Davenport Engineering for the NEPA document was approved on June 23, 2016. The draft NEPA Document is complete and undergoing final preparations for FTA approval. The building stabilization IFB is nearing completion. The Design and Engineering RFQ is complete. Transfer of the property is currently underway. Design and stabilization are contingent on property transfer. Construction is expected to be complete in December 2017.
- 3. Short Range Transportation Plan** - (no significant change) following adoption of Cape Fear Transportation 2040 by the Wilmington Metropolitan Planning Organization (WMPO), Wave Transit is preparing to begin its latest short range plan. The plan will set a course for public transportation initiatives, route structure and revenue programming for the next five years. The plan will also include a financial element to ensure that transit programs are compliant with FTA rules and regulations. Under the direction of the Authority's Operations and Planning Committee made up of Board members, staff, WMPO planners, passengers, interested citizens, and professional transit planning consultants, the 12-18 month plan is an important tool in meeting the public transportation needs of the community. Marketing, public relations and community support for financing transit in Southeastern North Carolina will also be a focus of the plan. A key component of the plan will be extensive surveying to assess the needs of current and prospective passengers.
- 4. Long Term Funding** - (no change) currently, the Authority does not have a dedicated source of local funding. An initiative to analyze long term revenue stability of Wave Transit has also been proposed by the City of Wilmington. This effort is critical to the long term financial health of the Authority. No timetable for the analysis has been developed.
- 5. Shelter Program** - a program to replace and add up to 50 bus shelters and 25 benches at bus stops is nearing construction. A contract to install five shelters was awarded to Paragon Building Corp. on May 26, 2016. Construction of the first five shelters is complete. Phase two consisting of 12 shelters and 15 benches is expected to begin in October. Phase three consisting of three super stops at Independence Mall, Hanover Center and Monkey Junction is in the engineering and permitting phase.



PAT McCRORY  
Governor

NICHOLAS J. TENNYSON  
Secretary

September 6, 2016

**TIP Projects:**

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

**Estimated Contract Completion Date November 2016**

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

**Estimated Contract Completion Date April 30, 2018**

**Open to traffic on November 2017**

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

**Estimated Contract Completion Date April 30, 2018**

**Open to traffic on November 2017**

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

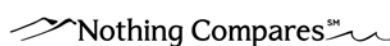
**Estimated Contract Completion Date Summer 2016, small “punch list” of items to be completed**

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

**Estimated Contract Completion Date September 28, 2016, small “punch list” of items to be completed**

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

**Estimated Contract Completion Date September 2018**



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

**Estimated Contract Completion Date September 2016**

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

**Availability Date September 26, 2016**

**Estimated Contract Completion Date November 11, 2020**

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

**Let Date September 20, 2017**

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

**Let Date October 2017**

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

**Let Date June 2018**

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

**Let Date October 2018**

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

**Let Date December 2018**

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

**Let Date August 2021**

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

**Design Build Selection Date January 2020**

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

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

**Let Date August 2020**

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

**Let Date January 2022**

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

**Let Date Winter 2016**

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

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

**Brunswick County primary routes:**

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

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

**Brunswick County secondary routes:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(non-system)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Pender County primary routes:**

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

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

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

**Estimated Contract Completion Date Spring/Summer 2016**

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

**New Hanover & Pender Counties:**

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

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

**Estimated Contract Completion Date December 2016**

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

**Pender County:**

**US 117 Bypass** milling & resurfacing from southern city limits of Burgaw to SR 1504 (Murphy Road).

**NC 53** milling & resurfacing from US 117 Bypass to US 117 Business

**SR 1104 (Canetuck Road)** resurfacing from bridge #20 over Lyon Creek to Bladen County line

**SR 1301 (Bay Road)** resurfacing from SR 1300 (Englishtown Road) to SR 1001 (Willard Road)

**SR 1411 (Old River Road)** resurfacing from US 117 to SR 1412 (New Road)

**Work Complete**

**Resurfacing Contract: 2016CPT.03.07.20651**

**New Hanover County:**

**SR 1335 (Parmele Road)** resurfacing from NC 133 (Castle Hayne Road) to US 117/NC 132 (North College Road)

**SR 1276 (Cathay Road)** resurfacing from US 421 (Carolina Beach Road) to SR 1281 (Ventura Drive)

**SR 1524 (Golden Road)** resurfacing from US 421 (Carolina Beach Road) to SR 1492 (Myrtle Grove Road)

**SR 1544 (Friendly Lane)** resurfacing from SR 1492 (Masonboro Loop Road) to end of system

**SR 1616 (Pelican Point)** resurfacing from SR 1492 (Masonboro Loop Road) to end of system

**SR 1386 (Hall Drive)** resurfacing from SR 1318 (Blue Clay Road) to SR 1312 (Trask Drive)

**SR 1311 (Gardner Drive)** resurfacing from SR 1312 (Trask Drive) to SR 1312 (Trask Drive)

**SR 1312 (Trask Drive)** resurfacing from SR 1311 (Gardner Drive) to SR 1311 (Gardner Drive)

**State Port Roadway resurfacing**

**Estimated Contract Completion Date Summer 2016**



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

**Brunswick County:**

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

**Work Complete**

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

**Brunswick County:**

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

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

**Estimated Contract Completion Date November 2016**

**Resurfacing Contract: 2017CPT.03.31.20711 DC00136**

**Pender County:**

SR 1113 (Montague Road) resurface from SR 1114 (Blueberry Road) to US 421  
SR 1412 (Newroad Ave., Front St. & Dickerson St.) resurface from US 117 to  
Hayes Road.

**Estimated Contract Completion Date September 2016**

**Resurfacing Contract: 2017CPT.03.37.20651 DC00155**

**New Hanover County:**

SR 1310 (Division Drive) from NC 133 (Castle Hayne Road) to  
SR 1302 (23<sup>rd</sup> Street)  
SR 2270 (Wood Sorrell Road) from SR 2048 (Gordon Road) to  
SR 2219 (N. Green Meadows Road)  
SR 2281 (Spicewood Street) from Wood Sorrell Road to N. Green Meadows  
SR 2054 (Diamond Drive) from SR 2154 (Little Creek Road) to SR 2053  
(Apple Road)  
SR 2219 (N. Green Meadows Road) from Wood Sorrell Road to  
Spicewood Street  
SR 2266 (Twin Leaf Road) from SR 2286 (Strawfield Drive) to SR 2018  
(Fitzgerald Drive)  
SR 2267 (Bracken Fern Road) from Twin Leaf Road to cul-de-sac  
SR 2268 (Butterfly Court) from Bracken Fern Road to cul-de-sac  
SR 2271 (Rushwood Court) from Wood Sorrell Road to cul-de-sac  
SR 2272 (Sunwood Circle) from Wodd Sorrell Road to Wood Sorrell Road  
SR 2273 (Cainslash Court) from Sunwood Circle to cul-de-sac  
SR 2274 (Emberwood Road) from Wood Sorrell Road to cul-de-sac  
SR 2275 (Vinewood Court) from Emberwood Road to cul-de-sac  
SR 2276 (Pearwood Court) from Vinewood Court to cul-de-sac  
SR 2277 (Mintwood Court) from Wood Sorrell Road to cul-de-sac  
SR 2278 (Wood Sorrell Loop) from Wood Sorrell Road to Wood Sorrell Road  
SR 2279 (Red Bay Court) from Wood Sorrell Road to cul-de-sac  
SR 2280 (Red Bay Loop Road) from Red Bay Court to Red Bay Court  
SR 2282 (Low Bush Court) from Spicewood Street to cul-de-sac  
SR 2283 (Spicewood Loop Road) from Spicewood Street to cul-de-sac  
SR 2284 (Lupine Court) from Spicewood Street to cul-de-sac  
SR 2285 (Golden Astor Court) from Spicewood Street to cul-de-sac

**SR 2286 (Strawfield Drive)** from N. Green Meadows Road to  
N. Green Meadows Road  
**SR 2287 (Sweetbay Court)** from Strawfield Drive to cul-de-sac  
**SR 2294 (Silver Grass Court)** from Wood Sorrell Road to cul-de-sac  
**SR 2295 (Cherry Laurel Court)** from Wood Sorrell Road to cul-de-sac  
**SR 2297 (Nettle Circle)** from Strawfield Drive to Strawfield Drive  
**SR 2298 (Fern Court)** from Nettle Circle to cul-de-sac  
**SR 2299 (Batsonwood Court)** from Wood Sorrell Road to cul-de-sac  
**SR 2618 (High Bush Court)** from Strawfield Drive to cul-de-sac  
**SR 2687 (Legend Drive)** from SR 2683 (Enterprise Drive) to cul-de-sac  
**SR 2688 (Promenade Court)** from Legend Drive to cul-de-sac  
**SR 1327 (Farley Road)** from SR 1175 (Kerr Ave.) to Kerr Ave.  
**SR 2686 (Justus Court)** from Enterprise Drive to cul-de-sac  
**SR 2685 (Drewman Court)** from Enterprise Drive to cul-de-sac

**Estimated Contract Completion Date November 2016**

**Resurfacing Contract: WBS #52038 I-5760**

**New Hanover County:**

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

**Availability Date September 26, 2016**

**Estimated Contract Completion Date August 2017**

**Resurfacing Contract: 2017CPT.03.01.10651 C203888**

**New Hanover County:**

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

**Includes safety projects:**

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

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

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

**Availability Date September 26, 2016**

**Estimated Contract Completion Date February 2018**