



## WILMINGTON URBAN AREA Metropolitan Planning Organization

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

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

### Members:

City of  
WILMINGTON  
Lead Planning Agency

Town of  
CAROLINA BEACH

Town of  
KURE BEACH

Town of  
WRIGHTSVILLE BEACH

NEW HANOVER  
County

Town of  
BELVILLE

Town of  
LELAND

Town of  
NAVASSA

BRUNSWICK  
County

PENDER  
County

CAPE FEAR  
Public Transportation  
Authority

North Carolina  
BOARD OF  
TRANSPORTATION

### Technical Coordinating Committee Meeting Agenda

**TO:** Technical Coordinating Committee Members  
**FROM:** Mike Kozlosky, Executive Director  
**DATE:** September 16, 2010  
**SUBJECT:** September 22, 2010 meeting

A meeting of the WMPO Technical Coordinating Committee will be held on Wednesday, **September 22<sup>th</sup>** at 10:00 am. The meeting will be held in the Traffic Conference Room on the fourth floor of 305 Chestnut Street in downtown Wilmington.

The following is the agenda for the meeting:

- 1) Call to Order
- 2) Approval of Minutes:
  - a. 8/11/10
- 3) Old Business
- 4) New Business
  - a. Resolution supporting bicycle and pedestrian amenities on the proposed Cape Fear Skyway
  - b. Resolution supporting NCDOT consider Airlie Road as a North Carolina Scenic Byway
- 5) Updates
  - a. City of Wilmington/Wilmington MPO
  - b. Cape Fear Public Transportation Authority
  - c. NCDOT
- 6) Announcements
  - a. Wilmington MPO Bike/Ped meeting- October 14<sup>th</sup>
- 7) Next meeting –October 13, 2010

#### Attachments:

- Minutes 8/11/10 meeting
- Resolution supporting bicycle and pedestrian amenities on the proposed Cape Fear Skyway
- Resolution supporting NCDOT consider Airlie Road as a North Carolina Scenic Byway
- City of Wilmington/Wilmington MPO Project Update
- NCDOT Project Update

**Wilmington Urban Area  
Technical Coordinating Committee  
Meeting Notes for August 11, 2010**

**Members Present:**

Mike Kozlosky, City of Wilmington  
Stephanie Ayers, NC State Ports Authority  
Sam Burgess, New Hanover County  
Helen Bunch, Brunswick County  
Robert Waring, Town of Leland  
Ken Vafier, Pender County  
Jill Stark, FHWA  
Shane York, NCDOT  
Patrick Riddle, NCDOT  
Allen Pope, NCDOT  
Katherine Hite, NCDOT  
Tim Owens, Town of Carolina Beach  
Don Eggett, Cape Fear RPO  
Albert Eby, Wave Transit  
Don Bennett, City of Wilmington

**Others Present:**

Joshuah Mello, City of Wilmington

**1. Call to Order**

Mr. Kozlosky called the meeting to order at 10:03 am.

**2. Approval of Minutes**

The motion to approve the minutes for the June 16, 2010 meeting carried unanimously.

**3. Old Business**

No items

**4. New Business**

**a. Resolution Supporting Corridor Preservation of the Cape Fear Skyway**

Mr. Kozlosky told members at the last TAC meeting, Mayor Futch indicated that since the resolution adopted in October of 2009 by the TAC provided for a 6-month time frame for the preparation of the map and the filing of the corridor, the TAC should not be discussing it at that meeting. Mr. Kozlosky said he had placed the item on their agenda so TAC members might review the recently received corridor maps. Chairman Barfield then requested that staff bring a resolution back to the next meeting to extend that time frame. Mr. Kozlosky stated that staff prepared a resolution that does not implement a time frame, but acknowledges that the time frame set by the TAC was not met and the resolution also encourages New Hanover County, Brunswick County, the City of Wilmington and the Town of Leland to utilize the statute available to file a corridor map for the Cape Fear Skyway.

Mr. Burgess made the motion to support the resolution and forward to the TAC for consideration.  
Mr. Owens seconded the motion and it carried unanimously.

**b. Resolution Supporting HUD Sustainability Grant**

Mr. Kozlosky told members HUD has released a planning grant opportunity for \$100 million to complete a sustainability plan. The County has assembled a consortium made up of people from the housing and transportation interest throughout the community. Representatives are from Pender County, New Hanover County, Brunswick County, the City of Wilmington's Community Development, and the Cape Fear Public Utility Authority. Each participating organization has been asked to endorse a resolution acknowledging and agreeing to provide support and participation on the committee. The resolution authorizes the Executive Director to direct staff resources to assist in the sustainability plan development under the lead of Cape Fear Regional Community Development Council (CFRCDC) upon awarding of the grant.

Ms Ayers made the motion to support the resolution and forward to the TAC for consideration. Mr. Eggert seconded the motion.

Mr. Kozlosky told members the grant application is due August 23<sup>rd</sup>. The committee is requesting about \$1 million to complete the planning effort. If the grant is awarded to the community, details will be worked out.

Mr. Eggert told members the municipalities have not been involved to any extent thus far. If the grant is awarded, the municipalities will be included to make it a successful endeavor.

Mr. Kozlosky said from a transportation standpoint, staff had envisioned taking Cape Fear Commutes 2035 Long Range Plan and the comprehensive plan that was developed for Brunswick County, and potentially provide some funding to continue to develop the comprehensive transportation plan for Pender County and try to roll it all into one vision for the region.

Mr. Eby asked if funding would be used to hire a consultant. Mr. Eggert told members when the group last met they discussed hiring a consultant to do most the work because no one in the community has the expertise to hit the ground running. Mr. Kozlosky said it would also allow the CFRCDC to hire staff members. He stated that New Hanover County and the Cape Fear Regional Community Development Council are the ones spearheading the effort to receive the grant.

Ms Ayers asked Mr. Kozlosky if the resolution was just giving him permission to allocate staff resources to work on this effort. Mr. Kozlosky said yes.

Mr. Kozlosky called for the vote on the motion and it carried unanimously.

**c. Resolution Amending the Fiscal Year 2010-2011 Unified Planning Work Program of the Wilmington Urban Area Metropolitan Planning Organization**

Mr. Kozlosky told members the Senate had passed a bill containing a \$2.2 billion reduction in highway contracting authority. The Department released information yesterday on how they are planning on trying to assess the situation. The MPO has \$69,203 in the unobligated fund balance. Staff proposes a budget amendment to move those funds to the management and operations line item, then those funds could not be rescinded. If we decide not to use those funds, we could come back with a budget adjustment prior to March to move the funds or de-obligate those funds. Ms. Stark told members a lot of the MPOs are prioritizing some of local area projects and you must be able to justify what that money is being used for.

Ms. Bunch made the motion to support to resolution to approve the amendments to the fiscal year 2010-2011 Unified Planning Work Program and forward to the TAC for consideration. Mr. Eby seconded the motion and it carried unanimously.

**5. Discussion**

**a. Wilmington MPO Draft Ethics Policy**

Mr. Kozlosky told members that Mayor Futch from the Town of Leland requested that the MPO develop an ethics policy. Texas is the only state who has an ethics policy in place for MPOs. Staff reviewed the Texas policy and incorporated that into a draft proposal. Mr. Kozlosky suggested that the ethics policy be incorporated as part of the bylaws.

Mr. Kozlosky said he would like the TCC to review the draft policy and suggest improvements or changes to be incorporated. Mr. Pope told members that the Board of Transportation has an extensive ethics policy that might help serve as a model for the MPO. Mr. Owens said the state of North Carolina requires municipal boards to participate in ethics training and that may help as a model for this policy.

Mr. Mello told members he has concerns that all board members are already under an ethics policy and we need to be careful that this ethics policy does not conflict with the one that members already have in place. Mr. Mello pointed that the draft policy included MPO staff and they already operate under the City of Wilmington’s ethics policy. Mr. Mello said we need clarification especially regarding any conflict of interest. Mr. Pope suggested that the policy would only be for the TAC board members. Ms. Stark suggested that the policy state that MPO staff is already under the City of Wilmington’s ethic policy.

Ms. Ayers suggested that members of the TCC who have an ethics policy could forward it to Mr. Kozlosky.

**b. NCDOT Work Plan and Draft STIP**

Mr. Kozlosky told members the NCDOT Work Plan and Draft STIP were released by the Department at the Board of Transportation meeting earlier in the month. The Department will provide an opportunity for public comment on the draft STIP in January of 2011 and the final STIP will be adopted in July.

Regional highlights from the plan are:

<b>Project</b>	<b>Right-of-way</b>	<b>Construction</b>
Village Road Phase II (U-4063)	funded for right-of-way acquisition in 2012	construction in 2015
Village Road Widening from the interchange to south of Navassa Road (U-4002)		under construction
Interchange at Old Fayetteville Road (U-3337)	right-of-way acquisition in 2019	
Hampstead Bypass (R-3300)	\$20 million identified for right-of-way acquisition in 2017	
Market Street (U-4902C)		funded for 2012
Market Street (U-4902D)		funded for 2017
Market Street (U-4902B)		funded for 2019
Dow Road	right-of-way identified 2019	

Military Cutoff extension (U-4751)	right-of-way identified 2014 & 2015	construction in 2017,2018 and 2019
Kerr Ave-(U-3338B) Widening from Randall Parkway/Patrick Ave out to MLK	funded for right-of-way in 2012	construction in 2013
Kerr Ave – Interchange(U-3338C)	funded for right-of-way in 2020	
Gordon Road (U-3831)	funding to widen to 3-lane section from Wood Sorrel Drive to the interchange at N. College for 2012	
College Road	funding for upgrade from New Center Drive out to Gordon Rd	2020
Causeway- Widening interchange at 421 to interchange at 133 & US17		2013
N 3 <sup>rd</sup> Street Bridge- remove bridge and replace with fill		2015
Section “B”- Bypass (Loop project)		funded 2013 all the way out to 2020 for the “B” section
Section “A”- Bypass		2010 - 2013
Multi-modal		2012
Independence Extension		2020

**c. North Carolina Mobility Fund**

Mr. Kozlosky told members the North Carolina Mobility Fund was approved by the Legislature in the last session. The Mobility Fund’s first project will be Phase II of the Yadkin River Bridge. However, the Department of Transportation is going to be developing criteria and a project selection process for projects to be included in the Mobility Fund. This is not just for highway projects, but all modes of transportation. Mr. Kozlosky said in talking with Susan Coward in the Secretary’s Office yesterday, he believes they will be using a work group that has been developed for the Strategic Prioritization Process – Version 2.0 to review the comments they receive. They are on a tight time frame and must have the final report prepared by December 15<sup>th</sup> for the joint Legislature Oversight Committee.

Mr. Kozlosky said the Department will be receiving comments from August 9<sup>th</sup> to September 9<sup>th</sup>. The work group will take the comments and develop a preliminary report by the end of September. They will release the report by the beginning of October and request the second round of public input. They plan to present the final report to the Board of Transportation on December 2<sup>nd</sup>. They will present that final report to joint Legislature Oversight Committee on December 15<sup>th</sup>. Mr. Kozlosky told members they could submit their comments by going through the Departments website or email comments directly to Don Voelker.

## **6. Updates**

### **a. Wilmington MPO/City of Wilmington**

Mr. Don Bennett updated members on the New Center Drive roadway project. He said the final layer of pavement is down and they will be striping this week with the signal modification put in and he hopes to have the project open by the end of the week.

Mr. Bennett told members 9 of the 13 Safelight locations are nearly complete. They will be enforcing right turns on red because they now have the capability to prove if a vehicle has stopped during the course of the right turn.

### **b. Cape Fear Public Transportation Authority**

Mr. Eby told member they received concurrence from FTA on their environmental document for the operation and maintenance facility on Division Drive. They let a contract last week for design and engineering with TransSystems and the design should be finished within 6 to 9 months. The Wave Station is still on target to open by the end of the year.

Mr. Kozlosky said the DOT has hired a consultant to complete the environmental document for the Multi-modal Transportation Center. They anticipate having the document complete within a year. They will be here the end of August to discuss the project.

### **c. NCDOT Project Update**

Mr. Riddle updated members on the projects for NCDOT. Mr. Kozlosky asked when the Department expected competition on the Wrightsville Avenue project. Mr. Riddle said he spoke to the contractor and work is nearly finished. Mr. Pope told members the project has had some delays due to the deep tie-ins with the water and sewer. Mr. Pope said he anticipated the project wrapping up around Labor Day. Mr. Eby suggested that if there are going to be any more total road closures, it would be very helpful to have directional signs in place.

## **7. Announcements**

## **8. Adjournment**

With no further items, the meeting was adjourned at 11:00 am

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

**RESOLUTION ENCOURAGING THE CONSIDERATION OF PEDESTRIAN AND BICYCLE  
ACCOMODATIONS ON THE CAPE FEAR RIVER SKYWAY 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 N.C. Board of Transportation; and

**WHEREAS**, the North Carolina Turnpike Authority is in the early planning stages for the Cape Fear Skyway Bridge to provide a needed connection over the Cape Fear River between New Hanover and Brunswick County, and

**WHEREAS**, bicycle and pedestrian facilities as an alternative means of transportation in the Wilmington Urban Area are desired by local residents to connect neighborhoods, schools, parks and regional attractions; and

**WHEREAS**, the 2030 Long Range Transportation Plan called for an increase in safety and security of the transportation system for motorized and non-motorized users, as well as an increase in accessibility and mobility options available to people, and a transportation system that promotes energy conservation and improve the overall quality of life; the integration and connectivity of the transportation system for people; and

**WHEREAS**, the 2035 Cape Fear Commutes Vision Statement for Cape Fear Commutes 2035 Transportation Plan is to provide a Transportation Plan for a safe, efficient, appropriate, responsible, integrated, multi-modal transportation system throughout the Wilmington Urban Area over the next 25 years; and

**WHEREAS**, the Wilmington MPO BikePed Committee was created to advise the Wilmington MPO on ways to promote the use of bicycling and walking for transportation, development of safe bicycle and pedestrian facilities, facilitate projects, plans, programs, and ideas that promote a safer environment for bicycling and walking in the Wilmington MPO planning area; and

**WHEREAS**, the Cape Fear Skyway is in the early planning phase and incorporation of pedestrian and bicycle facilities into the design of the bridge will address many of the goals outlined in the 2030 and 2035 Long Range Transportation Plans and Wilmington MPO BikePed Committee goals to provide a safe alternative to the automobile, making the Cape Fear Skyway Bridge a truly multi-modal facility that will provide bike and pedestrian connections to the Wilmington Cross City Trail, East Coast Greenway, and planned bike and pedestrian facilities in Brunswick County and in the Town of Leland.

**NOW THEREFORE**, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee encourages the North Carolina Turnpike Authority to consider pedestrian and bicycle facilities in the design of the Cape Fear Skyway Bridge.

**ADOPTED** at a regular meeting of the Wilmington Urban Area MPO Transportation Advisory Committee on September 29, 2010.

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Jonathan Barfield Jr., Chair  
Transportation Advisory Committee

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Mike Kozlosky, Secretary

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

**RESOLUTION SUPPORTING AIRLIE ROAD TO BE CONSIDERED FOR THE NORTH  
CAROLINA SCENIC BYWAY DESIGNATION**

**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 N.C. Board of Transportation; and

**WHEREAS**, the scenic byway designation recognizes roadways for their archeological, cultural, historic, natural recreational and/or scenic qualities; and

**WHEREAS**, Airlie Road exhibits several of these intrinsic qualities; and

**WHEREAS**, Airlie Road is a picturesque route from beginning to end nestled between Bradley Creek and the Atlantic Intracoastal Waterway in Wilmington, North Carolina; and

**WHEREAS**, Airlie Road's scenic qualities are embodied in the natural surroundings and diverse architectural character; and

**WHEREAS**, the Wilmington Metropolitan Planning Organization is interested in designating Airlie Road in the City of Wilmington and New Hanover County as a scenic byway; and

**NOW THEREFORE**, be it resolved that the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee supports the consideration of Airlie Road in Wilmington, New Hanover County for the North Carolina Scenic Byway designation.

**ADOPTED** at a regular meeting of the Wilmington Urban Area MPO Transportation Advisory Committee on September 29, 2010.

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Jonathan Barfield Jr., Chair  
Transportation Advisory Committee

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Mike Kozlosky, Secretary



CITY OF WILMINGTON/WILMINGTON MPO  
AUGUST 2010

**CAPE FEAR COMMUTES 2035 TRANSPORTATION PLAN**

**Project Description/Scope:** Cape Fear Commutes 2035 is a federally-mandated assessment of the current and future transportation needs of people and goods within the Wilmington MPO area. Cape Fear Commutes 2035 will create a long range transportation plan with recommendations for how those needs should be addressed over the next 25 years. The plan will establish the goals and objectives for the improvement of mobility within the Wilmington MPO planning area and make specific recommendations for transportation projects and funding sources.

**Current Status:** The MPO committee charged with crafting the Cape Fear Commutes 2035 Transportation Plan has finalized the draft plan. The plan was presented to the WMPO Transportation Advisory Committee and local member jurisdictions and held three public informational workshops. **The public comment period closed on June 4<sup>th</sup>. The MPO has received and reviewed the comments. Staff met with the Citizen Advisory Committee on August 18<sup>th</sup> to review and discuss the comments.**

**Next Step:** The MPO will incorporate the comments into the final plan. **Staff plans to present the final plan to the TAC in September/October.**

**CAPE FEAR SKYWAY**

**Project Description/Scope:** Construct the Cape Fear Skyway that will link from in the vicinity of US 17 to Independence Boulevard and Carolina Beach Road.

**Current Status:** On October 28, 2009 the Wilmington MPO's Transportation Advisory Committee endorsed a resolution supporting the northern alignment and encouraging New Hanover County, City of Wilmington, Brunswick County and the Town of Leland to utilize the land use planning tools available to preserve a corridor for the future Cape Fear Skyway. **The North Carolina Turnpike Authority provided the finalized the Transportation Corridor Official map for the Cape Fear Skyway on June 9<sup>th</sup>. On August 18<sup>th</sup> the maps were presented to the Wilmington MPO's Transportation Advisory Committee (TAC). The TAC endorsed a resolution that encourages New Hanover County, City of Wilmington, Brunswick County and Town of Leland to utilize North Carolina General Statute 136-44.50 to file a transportation corridor official map for the Cape Fear Skyway.**

The City of Wilmington, New Hanover County, Pender County, Town of Carolina Beach and Town of Wrightsville Beach have endorsed resolutions supporting the "gap" funding and corridor preservation. Senator Boseman introduced Senate Bill 1129 and Representative McComas introduced House Bill 2053 that would provide "gap" funding for the Cape Fear Skyway. The bills have been referred to committee and no action was taken on the bills during the Legislature's short session.

**Next Step:** Work with New Hanover and Brunswick counties, Town of Leland and City of Wilmington to preserve a corridor for the future Cape Fear Skyway from Independence Boulevard/Carolina Beach Road intersection to a location in the vicinity of US 17 and the Wilmington Bypass in Brunswick County. Work with North Carolina delegation to provide the necessary "gap" funding for the construction of the Cape Fear Skyway.

**CITY OF WILMINGTON COLLECTOR STREET PLAN**

**Project Description/Scope:** Complete a city-wide area collector street plan including Monkey Junction that will: 1) distribute traffic across an appropriate network of arterial and collector streets, not local streets; 2) establish a set of multi-modal cross-sections for collector streets that accommodate all road users and

contribute to the attractiveness of the city; 3) preserve the mobility of the major arterials by limiting the amount of direct access to these facilities; and 4) provide for orderly provision of public utilities within the collector street corridors. The plan will be used by city staff and property owners to reduce congestion and improve mobility throughout the City of Wilmington.

**Current Status:** The Wilmington MPO has selected Stantec to complete the City of Wilmington Collector Street Plan. Staff is currently awaiting a scope of services and fee proposal.

**Next Step:** Begin completion of the City of Wilmington Collector Street Plan.

#### **FIT COMMUNITY 2009 GRANT**

**Project Description/Scope:** Submit a designation and grant application to the Fit Community 2009 grant program.

**Current Status:** The Ann Street Bicycle Boulevard is officially open and grant-funded promotional activities will continue as planned until September 2010. **The third event was held on July 17. This event included bicycle safety instruction and bicycle scavenger hunt along the bicycle boulevard. Ten bicycles were awarded to those who participate in the bicycle safety training. Group rides were held on July 24 and August 7.**

**Next Step:** Host the fourth bicycle boulevard event on September 11 at the Martin Luther King, Jr. Community Center followed by a group ride on September 18. Let the Ann Street at South 5th Avenue intersection improvement project for bid in September, with construction to begin in the fall.

#### **5<sup>TH</sup> AVENUE PAVEMENT MARKING PLAN (No significant change)**

**Project Description/Scope:** Design and implement a pavement marking plan on N. 5<sup>th</sup> Avenue from Willard Street to Nixon Street. The pavement marking plan will reduce the number of lanes from four to two and incorporate a bicycle lane and parking.

**Current Status:** Kimley-Horn and Associates was hired to complete the design. **The City has received and comments on the 90% design plans. Staff completed the data collection and is currently completing signal warrant analysis at the intersections of 5<sup>th</sup> Avenue/Grace, 5<sup>th</sup>/Princess, 5<sup>th</sup>/Chestnut and 5<sup>th</sup>/Red Cross.**

**Next Step:** Complete the signal warrant analysis. Receive the 100% design plans. Bid and construct the revised pavement markings.

#### **GARY SHELL CROSS-CITY TRAIL**

**Project Description/Scope:** The Cross City Trail will provide a future bicycle and pedestrian connection from Wade Park, Halyburton Park and Empie Park to the Heide-Trask Drawbridge. Portions of this trail will be constructed in conjunction with the Independence Boulevard and Randall Parkway widening projects. Construction of Phase I along South 17th Street between John D. Barry Drive and the Cameron Art Museum is funded by \$350,000 in ARRA funds from NCDOT. Phase II along Independence Boulevard between Converse Drive and Randall Parkway (which passes through Empie Park and the Devon Park community) is funded through \$1,650,000 in ARRA funds from NCDOT. Phase IIIA is the section between South College Road and Mallard Street, most of which is located on the UNCW campus. Phase IIIG is the section between UNCW and the Autumn Hall Town Center mixed-use development.

**Current Status:** Construction on Phase I began on February 1 and will be completed in 120 days. Construction on Phase II began on March 1 and will be completed in 180 days. Kimley-Horn Associates, Inc. has almost completed design and permitting for Phases IIIA and IIIG. A public meeting to review the alternative alignments for Phase IIIG was held on June 17 at the Fisher Student Center at UNCW. **A second public meeting was held at the New Hanover County Government Center on July 29. A recommended cross-section and alignment along Mallard Street, Rill Road and Teal Street was presented to and approved by City Council on August 3.**

**Next Step:** Phase IIIA and IIIG will be let for bid in the Fall.

#### **KERR AVENUE/MARTIN LUTHER KING JR. PARKWAY CORRIDOR PRESERVATION**

**Project Description/Scope:** NCDOT plans to widen Kerr Avenue to a 4-lane divided facility from Randall Parkway to the Martin Luther King, Jr. Parkway and construct an interchange at the intersection of Kerr Avenue and the Martin Luther King, Jr. Parkway. The construction of the widening project is funded by NCDOT; however, the construction of the interchange is currently unfunded. Smith Creek Land Subdivision, a six-lot subdivision, is planned on the northwest quadrant lying within the interchange location.

**Current Status:** On December 16, 2009 the Wilmington Metropolitan Planning Organization's Transportation Advisory Committee endorsed a resolution requesting the City of Wilmington file a Transportation Corridor Official Map for the interchange at this location. **The City filed a Transportation Corridor Official map in May for the interchange on the northwest quadrant. Staff was directed to prepare a transportation corridor official map for the southern quadrant. City Council established August 3<sup>rd</sup> as the public hearing date for the project. The public hearing was held open from the August 3<sup>rd</sup> meeting and Council approved filing a Transportation Corridor Official map for the southern quadrant on August 17<sup>th</sup>.**

**Next Step:** File the Transportation Corridor Official map with the New Hanover County Register of Deeds.

#### **LANE IMPROVEMENTS – MARKET AT NEW CENTER DRIVE:**

**Project Description/Scope:** Increase capacity and decrease delay exiting Target Shopping Center with the addition of a dedicated right turn lane and conversion of the existing right turn to an additional through lane. Developer contribution will also install a right turn lane on Market entering the Dunkin Donuts/Red Roof Inn. City forces will install signal modifications.

**Current Status:** All asphalt paving work is complete, signal heads installed and awaiting lane changes to activate.

**Next Step:** Install striping, signing and concrete sidewalks and concrete median island in driveway. Anticipate project is open to traffic week of 8/26.

#### **MARKET STREET CORRIDOR PLAN**

**Project Description/Scope:** Develop a corridor plan for Market Street from Colonial Drive to the Pender County line. This project will integrate transportation and land use planning in an effort to improve safety and mobility along the entire corridor. The plan will provide recommendations for access management, inter-connectivity, improved development standards, future collector streets and conceptual designs. On March 6, 2008 the NCDOT approved funding in the amount of \$275,000 for the Wilmington Metropolitan Planning Organization (MPO), City of Wilmington, New Hanover County and NCDOT to develop the plan.

**Current Status:** The Wilmington MPO has received the final Market Street Corridor plan.

**Next Step:** Hold a joint City/County Planning Commission meeting in September and present the corridor plan to City Council, County Commissioners and Transportation Advisory Committee in October.

#### **MULTI-MODAL TRANSPORTATION CENTER (No significant change)**

**Project Description/Scope:** Purchase right-of-way, develop design plans and construct the Wilmington Multi-modal Transportation Center between N. 3<sup>rd</sup>, N. 4<sup>th</sup>, Hanover and Red Cross streets.

**Current Status:** NCDOT has appropriated \$10 million to purchase the properties for the Multi-Modal Transportation Center. The City's local match is \$1 million. NCDOT has reached a settlement with all property owners except U-Haul. The Long Range Transit Needs Study for the Wilmington Multi-modal Transportation Center recommends the acquisition of the U-Haul property. NCDOT hired Moffit & Nichol and Hard Art Studio to complete the conceptual design for the train station north of Campbell and complete structural and hazardous materials evaluations. The conceptual plans are expected by September 10<sup>th</sup>. NCDOT hired Moffit & Nichol and Ko & Associates to complete the Environmental Assessment (EA) for the Wilmington Multi-modal Transportation Center. This document is expected to be complete within twelve months. NCDOT is pursuing securing an option on the U-Haul property until completion of the EA.

**Next Step:** Completion of the EA and complete acquisition of the U-Haul property.

#### **NEIGHBORHOOD TRAFFIC STUDIES**

**Project Description/Scope:** The City of Wilmington operates a neighborhood traffic management program to focus on the installation of neighborhood traffic-calming devices that reduce speed and improve safety along neighborhood streets. The City has currently completed neighborhood traffic studies to develop immediate and long-term solutions in 17 Wilmington neighborhoods. The LPA Group has submitted final construction drawings for long-term improvements in 10 neighborhoods.

**Current Status:** Based on funding, staff has prioritized the locations for installation in Pine Valley East. **The City opened bids on May 27<sup>th</sup>. Barnhill Construction was the low bidder. The purchase order will be included on City Council's August 4<sup>th</sup> PO Memo. Staff is awaiting some additional information from the contractor.**

**Next Steps:** Construction is anticipated to begin in September 2010.

#### **N. 3<sup>RD</sup> STREET CORRIDOR STREETScape IMPROVEMENTS**

**Project Description/Scope:** In May 2006, a transportation bond referendum was approved that included \$5 million in improvements to the North 3<sup>rd</sup> Street corridor. The project includes improvements to traffic flow, utilities, pedestrian safety and streetscape aesthetics. The city has hired Kimley-Horn & Associates (KHA) to complete the engineered design of the corridor.

**Current Status:** The City has received the 100% final design plans and the opinion of probable costs. The City has accepted ownership and maintenance of North 3<sup>rd</sup> Street. Staff has worked with Cape Fear Public Utility Authority (CFPUA) to develop an Inter-local Agreement for the construction of the improvements along North 3<sup>rd</sup> Street. This agreement outlines the cost-sharing and logistical details. The Authority Board and City Council have approved the agreement. Due to some design and issues, the project has been delayed until additional information can be obtained.

**Next Step:** Bid the construction of the North 3<sup>rd</sup> Street improvements in September/October. The City anticipates beginning construction of the streetscape corridor enhancements in November/December.

**PRINCESS PLACE DRIVE AND SOUTH FRONT STREET PAVEMENT MARKING PLANS (No significant change)**

**Project Description/Scope:** Princess Place Drive and South Front Street (US 421 Truck) are part of a resurfacing package that was let by NCDOT in late 2009. With adjustments to the pavement markings, the existing pavement on both Princess Place Drive and South Front Street (US 421 Truck) should accommodate two motor vehicle lanes, two bicycle lanes, and intermittent left-turn lanes. On December 16, 2009, the Wilmington MPO's Transportation Advisory Committee supported a resolution requesting the City of Wilmington and NCDOT work cooperatively to add on-road bicycle lanes to Princess Place Drive and South Front Street (US 421 Truck) as part of the resurfacing project.

**Current Status:** Ramey Kemp & Associates has finalized the pavement marking plans. Staff held public meetings on May 20<sup>th</sup> for the East Wilmington Bicycle/Pedestrian improvements and June 8<sup>th</sup> for S. Front Street Bicycle Lanes. The attendees at both meetings supported the projects. The final plans have been submitted to NCDOT. NCDOT has began the mill patching on Princess Place Drive.

**Next Step:** Implement the pavement marking plans for Princess Place Drive and South Front Street as designed by Ramey Kemp & Associates.

**SAFELIGHT**

**Project Description/Scope:** This program of traffic signal violation photo image monitoring and enforcement to improve safety on public streets.

**Current Status:** Contract transfer is complete, all documentation is in hand. The first seven sites are operational. Construction is complete at 23<sup>rd</sup> and Market and the site started issuance of warning citations the week of 8/16 for 15 days. Installation on Market at New Centre is to start as soon as lane project relocates eastbound stop bars and plans are revised to reflect relocated camera pole. Plans are in hand for 3 of the final four upgrades submitted to NCDOT on 8/26.

**Next Step:** When plans for the final site are received, forward to NCDOT for permitting. Upgraded equipment at 13 sites is completed in sept. System has maintained existing equipment during transition, only the sites to be abandoned were turned off.

**Install New Centre and Market, remove equipment at Market at MLK and 5<sup>th</sup> and Wooster, submit plans for an upgrade final four sites.**

**SAFE ROUTES TO SCHOOL: BRADLEY CREEK ELEMENTARY (No significant change)**

**Project Description/Scope:** Construct a 3,100-foot-long sidewalk between Bradley Creek Elementary School and Greenville Village mobile home park and promote use of the sidewalk through various bilingual events and materials.

**Current Status:** On March 6, 2008, the North Carolina Board of Transportation voted to award the City of Wilmington \$211,800 to fund a demonstration Safe Routes to School project at Bradley Creek Elementary School. On July 1, 2008 the Wilmington City Council endorsed the municipal agreement between the City and NCDOT. Norris, Kuske and Tunstall completed the final design for the sidewalk and pedestrian crossing along Greenville Loop Road.

**Next Step:** Let project for bid in August/September.

**SAFE ROUTES TO SCHOOL: PARK AVENUE AT INDEPENDENCE BOULEVARD (No significant change)**

**Project Description/Scope:** This project will provide a high-visibility, protected location for pedestrians and bicyclists to cross Independence Boulevard at Park Avenue. The crossing will consist of an 8- to 10-foot-wide multi-use path along the north side of Park Avenue between Hawthorne Road and the Empie Park entrance, a striped crosswalk across the northern leg of the intersection, and pedestrian signal heads and push buttons at the northwest and northeast corners of the intersection. This crossing is currently part of the River-to-the-Sea Bikeway and will also be part of the planned Cross-City Trail.

**Current Status:** After review and refinement, Right Angle Engineering, PC has submitted the 100% design plans to NCDOT. **Staff is still awaiting the encroachment from NCDOT.**

**Next Step:** Receive encroachment agreement from NCDOT. **Let project for bid in August/September.**

**TRAFFIC SIGNAL SYSTEM UPGRADE/EXPANSION**

**Project Description/Scope:** Final system will have 210+ signals centrally controlled vs. the 160 +/- currently under **distributed** control.

**Current Status:** All contract construction and 30 day observation complete. Cameras at Eastwood at Rogersville, the 6<sup>th</sup> Street RR Bridge, the Princess Place Fire Station, and the Pine Valley will be connected pending the final documentation for fiber optic testing.

**Next Steps:** Connect all remaining off system intersections and cameras **and begin process of closing out project and completing NCDOT reimbursement requests.**

**WILMINGTON BYPASS**

**Project Description/Scope:** Construct the Wilmington Bypass from US 421 in New Hanover County to US 17 in Brunswick County.

**Current Status:** NCDOT has let the design and construction of the Wilmington Bypass Section “A” from US 17 to US 74/76 as a “design-build” project. They anticipate completing this section of the Bypass in 2013. NCDOT prepared an “*Urban Loop Prioritization Process*” that prioritized the 10 urban loops across the state. **NCDOT released the results of the Urban Loop Prioritization Process in August. The Wilmington Bypass “Section B” is funded from FY 2013 through 2020. The project’s expected completion date is 2020.**

**Next Step:** Work to identify potential funding to expedite construction of the Wilmington Bypass Section “B”.



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

September 16, 2010

**TIP Projects:**

**R-2245:** Second bridge to Oak Island over the intercoastal waterway.  
Under construction

**Open to traffic by the end of October 2010; two-lane two-way pattern**

**B-0682:** Bridge to Sunset Beach over the intercoastal waterway.  
Under construction

**Estimated Contract Completion Date December of 2010**

**U-4733:** intersection improvements SR 1411 (Wrightsville Avenue), from Forest Hills Drive to SR 2313 (Wilshire Boulevard).

**Estimated Contract Completion Date middle of October 2010**

**U-3462:** Town of Shallotte, SR 1357 (Smith Avenue) extension from West of US 17 Business to NC 130. Under construction and funded by stimulus.

**Estimated Contract Completion Date Dec. 2010**

**R-4002:** widen SR 1472 (Village Road) from SR 1437 (Old Fayetteville Road)/SR 1435 (South Navassa Road) to east of US 17 Interchange ramps, to a 4-lane divided facility.

**Estimated Contract Completion Date June 2011**

**B-4030:** replace Bridge #9 over Bear Branch, on NC 130.

**Estimated Contract Completion Date December 2010**

**W-5103** – US 421 (Carolina Beach Road) from George Anderson Road to SR 1100 (River Road) construct various safety improvements at 20+ intersections.

**Estimated Contract Completion Date 7/1/2012**

**Memorial Bridge** – painting of the Memorial Bridge.

Lane closures are not allowed from Memorial Day to Labor Day (fall/winter time) for the following times: 5:00 AM to 7:00 PM

Lane closures are not allowed from Memorial Day to Labor Day (spring/summer time) for the following times: 6:00 AM to 7:00 PM Monday thru Thursday

Contractor will be allowed to completely close the bridge for the following times:  
April 13, 2010 to June 11, 2010 from 7:00 PM to 5:00 AM.

**Estimated Contract Completion Date Spring 2011**

**B-5215** – SR 1115 (Stone Chimney Road) replace bridge #49 over branch of Lockwood Folly River. **Availability Date August 2, 2010; contractor has 120 days to complete**

**B-5217** – SR 1115 (Stone Chimney Road) replace bridge #59 over branch of Lockwood Folly River. **Availability Date August 2, 2010; contractor has 120 days to complete**

**B-5216** – SR 1115 (Stone Chimney Road) replace bridge #58 over branch of Lockwood Folly River. **Availability Date August 2, 2010; contractor has 120 days to complete**

**W-5104** – NC 132 (College Road) from US 421 (Carolina Beach Road) to US 117 (Shipyard Blvd.) construct various safety improvements at 10+ intersections.

**Letting Date October 19, 2010**

**R-2633 AA & AB:** Construction of I-140 (Wilmington Bypass) from US 17 to US 74/76.

**Availability Date March 29, 2010**

**Estimated Contract Completion Date July 3, 2013**

**U-3338 B:** Widening of Kerr Ave. from Randell Parkway to Martin Luther King, Jr. Parkway.  
Start Date May 2013

**R-3601 US 17/74/76:** Widening across the “causeway”, between Leland and Wilmington. AT the beginning the planning process. We will move into the merger process afterwards and then to design. A scoping meeting will be held in the next couple of months.

Start Date July 2013

**R-3432 – SR 1163 (Georgetown Road)** extend from SR 1184 (Ocean Isle Beach Road) to NC 179. Start Date June 2013



**U-4902 C:** construct a concrete median island from SR 1402 (Porter's Neck Road) to Colonial Drive (non-system road). Project is in the planning process and awaiting the completion of the Market Street Corridor Study.

**R-2633 B:** Construction of I-140 (Wilmington Bypass) from US 74/76 to US 421.

**R-5021:** NC 211 widening, from NC 87 to SR 1500 (Midway Road).

**R-4063:** widen SR 1472 (Village Road) from SR 1435 (South Navassa Road) to SR 1438 (Lanvale Road).

**Military Cutoff Road Extension (U-4751) and Hampstead Bypass (R-3300):** extending Military Cutoff Road from Market Street to the Wilmington Bypass, with an interchange at the Bypass. NCDOT and the merger team are scheduled to have selected a preferred alternative by Winter 2009/2010 and complete the final environmental impact statement by Summer 2010.

**FS-0203C Feasibility Study for College Road:** from SR 1327 (Gordon Road) to US 17 (Market Street).

### **Division Projects:**

**SR 1448 (Middle River Road):** full depth patching from NC 211 to the paved end of system. Schedule to be under contract in the Fall 2010

**SR 1345 (Royal Oak Road):** mill patch the rutted section of SR 1345 (Royal Oak Road), due to increased truck traffic. Schedule to be under contract in the Fall 2010

**SR 1455 (Porter's Neck Road):** construct a roundabout at the intersection of SR 1455 (Porter's Neck Road) and SR 1402 (Edgewater Club Road).

**Work complete**

**SR 1403 (Middle Sound Loop Road):** redesign the intersection of SR 1403 (Middle Sound Loop Road) and SR 1407 (Darden Road), into a roundabout design. Design is complete and our schedule is to construct the roundabout in the summer of 2010, when school is complete.

**Work complete except small areas of widening at radii**

## **Resurfacing Projects:**

New Hanover County contract (C202188):

**US 421** milling and resurfacing from Snows Cut Bridge to Carolina Sands Drive.

**US 117/NC 132** resurfacing from SR 1322 (Murrayville Road) to bridge over I-40.

**SR 1574 (Service Road)** milling and resurfacing from SR 1573 to SR 1573.

**SR 1592 (Landsdowne Road)** mill patching and resurfacing from NC 132 to SR 1516 (Navaho Trail).

**SR 1516 (Navaho Trail)** mill patching and resurfacing from SR 1592 to SR 1492 (Masonboro Loop Road).

**SR 1492 (Masonboro Loop Road)** patching and resurfacing from SR 1517 (Trails End Road) to SR 1505 (Beasley Road).

**SR 1411 (Dawson Street Extension)** resurfacing from US 76 (Oleander Drive) to SR 1411 (Wrightsville Avenue).

**SR 1411 (Wrightsville Avenue)** patching from SR 1411 to Independence Boulevard.

**SR 1411 (Wrightsville Avenue)** patching from Huntington Road to US 76.

**SR 1411 (Wrightsville Avenue)** milling and resurfacing from US 76 to US 74.

**SR 2313 (Wilshire Boulevard)** patching from SR 1411 to SR 1175 (Kerr Avenue)

**SR 1302 (North 23<sup>rd</sup> Street)** milling and resurfacing from US 17 Bus. To north of RR Tracks.

**Estimated Contract Completion Date Fall 2010**

Brunswick & New Hanover Counties contract (C202476):

### Brunswick County:

**NC 87** resurface from NCL of Boiling Springs to US 17, including spiral widening at various locations.

**NC 211** resurface from 0.24 mile west of the Town of St. James to 0.18 mile east of SR 1500 (Midway Road).

**SR 1300 (Calabash Road NW)** resurface from SR 1308 (Etheridge Road NW) to NC 904,

**SR 1132 (Shell Point Road)** resurface from NC 130 to SR 1130 (Mt. Pisgah Road),

**SR 1417 (Malmo Loop Road)** resurface from NC 87 to US 74/76,

**SR 1426 (Mt. Misery Road)** resurface from US 74/76 to SR 1426

### New Hanover County:

**US 421 Truck** resurface from 0.02 mile north of US 421 to 0.01 mile north of Queen Street (non-system).

**SR 1301 (Princess Place Road)** resurface from US 17 Business to 17th Street.

**Estimated Contract Completion Date November 2010**

Pender County contract (C202475):

**NC 11** resurface from US 421 to US 117, including spiral widening at various locations.

**Estimated Contract Completion Date November 2010**

Brunswick County contract (C202562):

**US 17** milling the outside lane and resurfacing the full width, from US 17 Business (southside of Bolivia) to US 17 Business (northside of Shallotte).

**Estimated Contract Completion Date December 2010**

Pender County contract:

**SR 1002 (Island Creek Road)** resurface from NC 210 to New Hanover County line.

**SR 1209 (Shiloh Road)** mill patch from US 421 to Sampson County line.

**SR 1216 (Piney Woods Road)** mill patch from US 421 to SR 1336(Mary Slocum Road)

**SR 1332 (Penderlea Highway)** mill patch from SR 1328 (Raccoon Road) to SR 1209

**SR 1333 (Lamb Road)** mill patch from NC 11 to SR 1332

**SR 1340 (New Savannah Rd)** mill patch from SR 1345 (Coras Grove Road) to SR1332

**SR 1345A** mill patch from SR 1347 to SR 1344 (East Wallace Street)

**SR 1347 (Old Savannah Road)** mill patch from SR 1345 to US 117

**SR 1509 (Stag Park Road)** mill patch from I-40 to NC 53

**SR 1701 (McKoy Road)** mill patch from end of system to SR 1509

**SR 1569 (Hoover Road)** overlay from US 17 to end of system

**Work Complete**

Pender County contract:

**NC 53 (Burgaw Highway)** mill & resurface approaches to Bridge #34 (over the Cape Fear River), Bridge #37 (over Angola Creek just west of NC 50) & Bridge #39 (over Moores Creek just east of NC 50).

**Estimated Contract Completion Date September 2010**