



WILMINGTON URBAN AREA Metropolitan Planning Organization

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Members:

City of
WILMINGTON
Lead Planning Agency

Town of
CAROLINA BEACH

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NAVASSA

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County

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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 9, 2009
SUBJECT: September 16, 2009 meeting

A meeting of the WMPO Technical Coordinating Committee will be held on Wednesday, **September 16th** 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. 8/12/09
- 3) Old Business
- 4) New Business
 - a. Adoption of the Wilmington MPO's Transportation Model
 - b. Prioritization of Bicycle Projects within the Wilmington MPO planning area boundary
 - c. Prioritization of Enhancement Projects within the Wilmington MPO planning area boundary
- 5) Updates
 - a. Cape Fear Commutes 2035
 - b. WMPO Bike/Pedestrian Committee
 - c. NCDOT
- 6) Announcements
 - a. WMPO Bike/Pedestrian Committee meeting- September 10th
 - b. Cape Fear Commutes meeting- September 16th
- 7) Adjournment
 - a. Next meeting: October 14, 2009

Attachments:

- Minutes from 8/12 meeting
- List of Bicycle Projects within the Wilmington MPO's Planning Area Boundary
- NCDOT Project Update

**Wilmington Urban Area
Technical Coordinating Committee
Meeting Notes for August 12, 2009**

Members Present:

Mike Kozlosky, City of Wilmington
Sam Burgess, New Hanover County
Ken Vafier, Pender County
Melody Jennings, Town of Leland
Travis Barnes, Town of Navassa
Shane York, NCDOT
Patrick Riddle, NCDOT
Allen Pope, NCDOT
Marc Pages, Brunswick County
Jill Stark, FHWA
Don Bennett, City of Wilmington

Others Present:

Joshuah Mello, City of Wilmington
Bill McDow, City of Wilmington
Anthony Prinz, City of Wilmington
Andy Koeppel, WAVE Board of Directors

1. Call to Order

Mr. Kozlosky called the meeting to order at 10:05 am.

2. Approval of Minutes

The motion to approve the minutes for the May 13, 2009 meeting carried unanimously.

3. Old Business

None

4. New Business

a. Resolution adopting the revised Wilmington MPO Public Involvement Policy

Mr. Kozlosky told members the revisions to the Public Involvement Policy were opened for public comment at the last TAC meeting. The policy outlines how public involvement will be conducted, as well as includes the Town of Carolina Beach and Town of Kure Beach and Pender County as members. The policy also will make us SAFETEA-LU compliant. Mr. Vafier made the motion to recommend adoption of the revised public involvement policy. Mr. Barnes seconded the motion and it carried unanimously.

b. Resolution adopting the Walk Wilmington: A Comprehensive Pedestrian Plan

Mr. Mello told members the plan was completed in partnership with the NCDOT Division of Bicycle and Pedestrian Transportation. It was partly funded by the City of Wilmington and NCDOT through their grant program that we received in 2007. It is a comprehensive plan that looks at sidewalks, multi-use paths, pedestrian signals and pedestrian crossing improvements throughout the City of Wilmington. It is a 25-year plan phased in short, medium and long-term recommendations. It was adopted by the Wilmington City Council at their meeting on August 4th. Mr. Burgess made the motion to recommend adoption of the plan and forward to the TAC for consideration. Mr. Pages seconded the motion and it carried unanimously.

c. Resolution supporting the City of Wilmington, New Hanover County, University of North Carolina-Wilmington and Town of Wrightsville Beach's TIGER grant application

Mr. Mello told members this program was allocated through the ARRA stimulus package. It is targeted toward innovative projects that reduce energy consumption. Points are also awarded for job creation and partnerships. This grant application was authored by UNCW and is a partnership between UNCW, the City of Wilmington, the Town of Wrightsville Beach and New Hanover County. The grant application is for approximately \$16 to \$17 million to be used to complete the River to Sea Bikeway and the Cross City Trail projects. The application is due September 15th. Mr. Pope made the motion to endorse the TIGER grant application and forward to the TAC for consideration. Mr. Bennett seconded the motion and it carried unanimously.

d. Resolution supporting "complete streets" within the Wilmington MPO

Mr. Kozlosky told members "Complete Streets" provide safe and convenient accommodations for pedestrians, bicyclists, public transit riders, and motor vehicle drivers. They are more conducive to the efficient and safe movement of people, than projects designed primarily to move private motor vehicles. Design and construction of new transportation facilities should anticipate future demand for bicycling, walking, and public transit service and not preclude the provision of future accommodations. Mr. Kozlosky said the policy will allow for exemptions only if: 1) bicycle, pedestrian facilities and transit facilities are prohibited by law, or 2) cost of complete streets facilities are excessive or disproportionate to the need or probable use, or 3) sparsity of population and employment and/or level of transit service indicate an absence of future need. Members of the Board of Transportation endorsed a similar policy at their July meeting. Mr. Burgess made the motion to support the resolution for "Complete Streets" within the Wilmington MPO and forward to the TAC for consideration. Mr. Barnes seconded the motion and it carried unanimously.

e. Resolution requesting federal approval to extend I-20 into Wilmington

Mr. Kozlosky told members that at the May meeting of the TAC, Mr. Andy Koeppel asked the TAC to consider a resolution to request federal approval to extend I-20 into Wilmington. The TAC chairman asked that the item come before the TCC for consideration.

Mr. Koeppel distributed copies of a map outlining his request for the extension of I-20. He said I-20 currently terminates in Florence, SC and it is possible to make I-95 and I-20 co-extensive between Florence and the US 74 corridor by modifying the signage. Because SCDOT has requested NCDOT help bring I-73 into South Carolina from the Rockingham area, that perhaps they will be willing to help North Carolina with regards to the I-20 corridor in exchange for this assistance. .

Ms. Stark asked if this was in the long-range plan. Mr. Kozlosky said it is not currently. Ms. Stark told members it would need to be included. She said this would also need to be included in the state-wide interstate plan. She advised that if it is not in the LRTP, we should hold off until March when it could be added. Once in the LRTP, it would go to Secretary Gene Conti, John Sullivan and Brad Hibbs to consider putting it in the interstate plan. Mr. Koeppel said he understands but that should not preclude this committee from taking any action as the resolution just shows we are favoring a concept. Ms. Stark suggested modifying the language to request that NCDOT begin discussions with the North Carolina Federal Highway Administration, South Carolina Department of Transportation and South Carolina Federal Highway Administration to begin the process of extending I-20 into Wilmington.

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

f. Resolution amending the State/Metropolitan Transportation Improvement Programs to fund the installation of a right turn lane on US 76 (Oleander Drive) westbound onto US 117-NC 132 (College Road) northbound (W-5132)

Mr. Kozlosky told members the Board of Transportation approved an amendment to the State Transportation Improvement Program to include the installation of a right-turn lane at the intersection of College Road and Oleander Drive at their July meeting. The MPO opened the 30-day public comment period on August 3rd and it will close on September 2nd. This resolution is to request amending the STIP/MTIP to fund the project. With no discussion, Mr. Bennett made the motion to approve the amendment and Mr. Pope seconded it. The motion carried in a unanimous vote.

g. Resolution amending the State/Metropolitan Transportation Improvement Programs to fund the Wilmington Bypass (R-2633A)

Mr. Kozlosky told members funding for this project will be done through the utilization of Garvey Bonds and other DOT funds to fund the section from US 17 to US 74/76. This was also approved by the BOT at their July meeting. Based on the Public Involvement Policy, Staff began soliciting public comment on August 3rd and the comment period ends Sept 2nd.

Mr. Bennett asked if the section from US 17 to US 74/76 are ARRA funded. Mr. Kozlosky said there is some stimulus monies associated with that project. Mr. Pope told members it will take a combination of stimulus, Garvey Bonds and traditional let dollars to fund the “A” project.

Mr. Barnes asked how this particular resolution will affect the “B” section. Mr. Pope said it will not. The 5-year Work Plan will affect the “B” Section because it is not funded in the current let-list. It is funded in the 7-year TIP which will be replaced by the 5-year Work Plan.

Mr. Pages made the motion to amend the State/Metropolitan Transportation Improvement Programs to fund the Wilmington Bypass and Mr. Pope seconded the motion. The motion carried in a 9 to 1 vote with Mr. Barnes voting against the resolution.

h. Prioritization of Highway Projects within the Wilmington MPO planning area boundary

Mr. Kozlosky told members based on Executive Order #2, NCDOT is moving toward a more data driven process to identify transportation priorities throughout the state. The criteria to rank projects will be based on mobility, safety and infrastructure health and the quantitative analysis will be congestion, pavement condition or safety depending on the goal. Mr. Kozlosky said we have been asked to prioritize the top 25 projects within our MPO planning area boundary. Projects within the 5-year Work Plan for NCDOT are not to be included in our prioritization.

Following discussions by the committee members, the following list was determined to be the top 16 priority projects for the area.

Project by Rank	Project Description
1. Wilmington Bypass	<i>new interstate route between US 74/76 and US 421</i>
2. Independence Boulevard	<i>new route from Randall Pkwy to Martin Luther King, Jr. Pkwy</i>
3. Military Cutoff Extension – Market to Martin Luther King, Jr. Pkwy	<i>new route form Market St/US 17 Business to I-40/US 17 Bypass</i>
4. Cape Fear Skyway Project	<i>new interstate route and bridge between US 17 near Spring Hill in Brunswick County and Independence Blvd near Carolina Beach Rd. in Wilmington</i>

5. Six-lane College Road from Gordon to Martin Luther King, Jr Pkwy (U3831)	<i>new interstate route between Murrayville/Gordon Rd and Martin Luther King, Jr. Pkwy</i>
6. Kerr Avenue interchange	<i>interchange at Martin Luther King, Jr. Pkwy</i>
7. Market Street improvements – C-section: College to Military Cutoff	<i>median improvements form Eastwood Rd to Military Cutoff Rd</i>
8. Market Street improvements – B-section	<i>median improvements from Colonial Dr to Kerr Ave</i>
9. Market Street improvements – D-section	<i>median improvements from Military Cutoff Rd to Porters Neck Rd</i>
10. Hampstead Bypass	<i>new route form I-140/US 17 Bypass east to a point east of Hampstead – Terminates at US Hwy 17 in Pender Co</i>
11. Northbound through lane on College – Shipyard	<i>northbound through lane from Shipyard Blvd to Wilshire Blvd</i>
12. Old Fayetteville Rd	<i>add interchange at Old Fayetteville Rd and US 74/76</i>
13. Castle Hayne Roundabout	<i>Construct a roundabout at US 117 and NC 133</i>
14. Castle Hayne Rd/NC 133 Widening	<i>widen from Martin Luther King, Jr. Pkwy to I-140</i>
15. Gordon Rd widening (U-3831)	<i>widen facility form College Rd/I-140 to Market St/US 17</i>
16. Village Rd widening (Navassa to Lanvale Rd)	<i>widen from Navassa Rd to Lanvale Rd</i>

The committee agreed to utilize survey monkey to develop priorities 17-25. Staff will present the top 25 list to the TAC at their next meeting.

5. **Updates**

a. Cape Fear Commutes 2035 (Citizen Advisory Committee)

Mr. Mello updated the group on Bicycle/Pedestrian Committee activities.

b. WMPO Bike/Pedestrian Committee

Mr. Mello updated the group on Bicycle/Pedestrian Committee activities.

c. NCDOT Project Update

attached

6. **Announcements**

a. WMPO BikePed Committee meeting- August 15th

b. Cape Fear Commutes August 19th

7. **Adjournment**

With no further items, the meeting was adjourned at 12:25 pm.

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

**RESOLUTION ADOPTING A NEW TRANSPORTATION MODEL FOR THE
WILMINGTON URBAN AREA**

WHEREAS, the transportation model is used by transportation planners and traffic engineers to evaluate existing and predict future travel conditions and evaluate future transportation projects; and

WHEREAS, the transportation model for the Wilmington Urban Area was completed with a base year of 2005; and

WHEREAS, the previous transportation model was very antiquated therefore the MPO and NCDOT developed a new transportation model for the urban area; and

WHEREAS, the data for the update of the transportation model was adopted in May 2007 and expanded for a base year of 2008; and

WHEREAS, the new transportation model has a base year of 2008, an interim future year of 2020, and a future year of 2035; and

WHEREAS, this new transportation model will be used to forecast future growth, evaluate transportation projects and predict future travel patterns within the Wilmington Urban Area.

NOW THEREFORE, the Wilmington Urban Area Metropolitan Planning Organization's Transportation Advisory Committee hereby endorses the revised transportation model for the Wilmington MPO's planning area boundary.

ADOPTED at a regular meeting of the Wilmington Urban Area MPO Transportation Advisory Committee on September 30, 2009.

Lanny Wilson, Chair
Transportation Advisory Committee

Mike Kozlosky, Secretary

List of Bicycle Projects from the 2030 Long Range Transportation Plan

- Bike path on Eastwood Rd from Military Cut-Off to ICW Bridge (UNCW Connector)
- Finish installing bike lanes on Greenville Loop Rd at Oleander (Soundside Rt)
- Bike lanes on Park Ave between Hawthorne and S Kerr (River-to-the-Sea Route)
- Bike lanes on Pine Grove between Hollytree and Masonboro Loop Rd (Soundside Route)
- Bike lanes on Middle Sound Loop (Soundside Route) [incomplete]
- Bike lanes on Dow Rd (NC Bike Routes 3 and 5)
- Bike Lanes on Carolina Beach Road between Snows Cut and Myrtle Grove Rd (NC Bike Routes 3 & 5 and the Soundside Route).
- Bike lanes on Myrtle Grove Rd between Masonboro Loop Rd and Carolina Beach Rd (Soundside Route)
- Bike lanes on Masonboro Loop Rd between Pine Grove and Myrtle Grove Rd (Soundside Route)



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

September 9, 2009

TIP Projects:

B-4223: replace Bridge # 21, over the Northeast Cape Fear River.
Under construction, traffic has been shifted to the new alignment and bridge.
Structure Work Complete

R-2245: Second bridge to Oak Island over the intercoastal waterway.
Work will begin again this week.
Contract Completion Date December 31, 2009 (approximate delay of 5 months)

B-0682: Bridge to Sunset Beach over the intercoastal waterway.
Under construction
Estimated Contract Completion Date December of 2010

U-4903: resurfacing of US 76 (Oleander Drive) from 16th & 17th Streets to Independence Boulevard. Work to be completed at night. Additional work will be let with this contract; Milling & resurfacing of Oleander Drive, from Independence Boulevard to Pine Grove Road. Also modifying the lane configuration at the intersection of Oleander Drive and College Road, by adding dual left turns on Oleander Drive.
Work Complete

We will have a future contract to construct a right turn lane for Oleander Drive westbound on to College Road northbound. Start Date May 2010

U-4733: intersection improvements SR 1411 (Wrightsville Avenue), from Forest Hills Drive to SR 2313 (Wilshire Boulevard).
Estimated Contract Completion Date Winter 2009 (utility delays)

B-4031: replace Bridge #72 over Jinny's Branch and construct approaches, on NC 179.
Work Complete

U-5017A: Letting Date 10/21/2008 Wilmington Computerized Signal System
Estimated Contract Completion Date Nov. 2010

U-5017B: Letting Date 11/18/2008 Wilmington Computerized Signal System
Estimated Contract Completion Date June 2011

U-5017C: Letting Date 12/16/2008 Wilmington Computerized Signal System
Estimated Contract Completion Date Jan. 2011

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

R-3324: Long Beach Road extension, two lane road on new location, from NC 211 to SR 1525 (Bethel Road)

Letting date 7/2010

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

Letting Date August 18, 2009

R-2633 AA & AB: Construction of I-140 (Wilmington Bypass) from US 17 to US 74/76. Right of Way 2008 (Has begun) and Construction Fall 2010
Design/Build – January 2010 Selection of Design/Build Team

U-4902 B: 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. Right of Way 2008 (Has begun) and Construction 7/19/2011

R-5021: NC 211 widening, from NC 87 to SR 1500 (Midway Road).
Right of Way 2013

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

SR 1438 (Lanvale Road).
Right of Way 2012 and Construction 2013

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

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. Right of way is scheduled for 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

Feasibility Studies for NC 211 & NC 904: Completion Date Fall 2009

NC 211 – from SR 1500 (Midway Road) to US 17

NC 904 – from NC 179/904 (Beach Drive) to US 17

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

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

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

Letting Date January 19, 2010

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 September 14, 2010

Division Projects:

NC 87 - Boiling Spring Lakes: install two right turn lanes and extend existing left turn lane at the intersection of SR 1539 (East Boiling Spring Lakes Road) and NC 87.

Estimated Contract Completion Date December 2009

SR 1448 (Middle River Road): full depth patching from NC 211 to the paved end of system. Schedule to be under contract in the Summer 2009

US 117 (College Road): extend left turn lane along US 117 (College Road) at Randall Parkway to provide additional storage. Schedule to be under construction in the Summer 2009

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 Summer 2009

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). Currently the right of way is being obtained.

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.

SR 1492 (Pine Grove Road): redesign intersection at SR 1492 (Pine Grove Rd) and Masonboro Loop Road. Schedule to have permitting complete by August 2009, bid project in September 2009, award in October 2009, construction to begin in December and complete by end of March 2010.

US 421 Carolina Beach: widen Carl Winner Street to allow dual right turn lanes onto US 421 northbound.

NC 132 (College Road): extend the left turn lane southbound on NC 132 and New Center Drive intersection. Schedule to be under construction in the Summer 2009

NC 132 (College Road): extend the left turn lane northbound on NC 132 and Martin Luther King Parkway. Schedule to be under construction in the Summer 2009

Resurfacing Projects:

These roads are in this Brunswick County contract: **Availability Date July 2009**
Estimated Contract Completion Date May 2010

NC 211 mill patching and resurfacing from SR 1500 (Midway Road) to SR 1114 (Zion Hill Road).

SR 1539 (East Boiling Springs Lake Road) resurfacing from NC 87 to RR tracks.

SR 1115 (Stone Chimney Road) mill patching and resurfacing from NC 211 to US 17.

SR 1119 (Stanley Road) mill patching and resurfacing from end of maintenance to SR 1120 (Sabbath Home Road).

SR 1527 (Wescott Road) resurfacing from NC 211 to SR 1526 (Jabbertown Road).

SR 1527 (Wescott Road) patching and resurfacing from SR 1526 to SR 1528 (East Moore Street).

These roads are in this Pender County contract: **Availability Date July 2009**
Estimated Contract Completion Date May 2010

NC 50 resurface from North Topsail Drive/Roland Drive to 0.09 miles north of NC 210, no work on swing bridge over the intercoastal waterway.

These are in this New Hanover County contract:

Estimated Contract Completion Date June 2010

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 23rd Street) milling and resurfacing from US 17 Bus. To north of RR Tracks.