

**MINUTES  
WINSTON-SALEM URBAN AREA  
TRANSPORTATION ADVISORY COMMITTEE (TAC)  
MARCH 15, 2012  
4:15 P.M.  
FIFTH FLOOR, PUBLIC MEETING ROOM,  
BRYCE A. STUART MUNICIPAL BUILDING**

**MEMBERS PRESENT:**

Margaret Bessette, City-County Planning Board, TAC Secretary  
Dan Besse, Council Member, City of Winston-Salem, Vice Chairman  
Allen Joines, Mayor, City of Winston-Salem  
Denise Adams, Council Member, City of Winston-Salem  
Walter Marshall, Commissioner, Forsyth County  
John Bost, Mayor, Village of Clemmons  
Bill Whiteheart, Commissioner, Forsyth County  
Tracey Shifflette, Alderman, Town of Kernersville, Alternate  
Allen Todd, Mayor, Town of Wallburg  
Norman Wilkes, Mayor, Town of Midway  
Billy McHone, Mayor, Village of Tobaccoville  
Dan Pugh, Mayor, Town of Lewisville  
Kenneth Rethmeier, Mayor, Town of Bermuda Run  
Brent Rockett, Commissioner, Town of Bethania  
Randy Mendenhall, Council Member, Town of Walkertown  
Leon Inman, Commissioner, Stokes County  
Charles Allen, Councilman, City of King  
Ralph Womble, Member, NCDOT Board of Transportation

**PRESIDING:** Mayor Larry Williams, Town of Rural Hall, Chairman

**STAFF PRESENT:**

Lee Rollings, Town of Bermuda Run  
Cary Gentry, FCOEAP  
Pat Ivey, NCDOT  
Greg Errett, WSDOT  
Kevin Edwards, WSDOT  
Wendy Miller, WSDOT  
Matthew Burczyk, WSDOT  
Phillip Vereen, WSDOT  
Mark Davidson, Smith Reynolds Airport

**OTHERS:**

Terry Arellano, NCDOT  
Mark Darcangelo, AVCON

**1. Citizen Comments**

No one present.

**Action Items**

**2. Consideration of the February 16, 2012 TAC Meeting Minutes**

Presented by Larry Williams.

MOTION: Allen Todd moved approval of the minutes.

SECOND: Dan Besse

VOTE:

FOR: Unanimous

AGAINST: None

**3. Consideration of Amendments to the Fiscal Year 2012-2018 Metropolitan Transportation Improvement Program (MTIP) for New Projects**

Presented by Greg Errett

**a. Delete \$408,000 of Surface Transportation Program – Direct Attributable (STP-DA) Funds from the US 158/NC 801 Intersection Improvement Project and Add \$408,000 of STP-DA Funds to a Proposed Roundabout on US 158 in the Town of Bermuda Run**

- In November, 2009, the Winston-Salem Urban Area TAC allocated \$3,049,000 in STP-DA funds for intersection improvement projects for the MPO.
- One of the projects funded was for improvements at the US 158/NC 801 intersection in the Town of Bermuda Run at a total cost of \$510,000 (\$408,000 in STP-DA funds, \$102,000 in a local match by the Town).
- During the preliminary engineering for the project, it was determined by the NCDOT that the planned improvements for the intersection would provide minimal positive impact of traffic safety and circulation and that a much larger and more expensive project would be needed there to address the traffic issues.
- With the construction of the newly widened Kathryn Crosby Bridge over the Yadkin River on US 158, the Town decided to address a more pressing traffic concern – traffic entering and exiting safely and efficiently at the BB&T Soccer Park and the Bermuda Run residential community’s northern main gate.
- The Town requested and received \$35,500 (\$28,400 in STP-DA funds) to hire Ramey Kemp and Associates to analyze this intersection thoroughly and determined that a roundabout would be the best solution.
- The Town requests that the \$510,000 of funds programmed for the US 158/NC 801 intersection be deleted, and added for the construction of a proposed roundabout on US 158 at the entrances to the BB&T Soccer Park and the Bermuda Run residential community’s northern main gate.

- An additional \$45,500 (\$36,400 in STP-DA funds, \$9,100 in a local match by the Town) have been programmed in the Fiscal Year (FY) 2011-2012 UPWP to complete the detailed engineering and prepare construction plans for the proposed roundabout

MOTION: Bill Whiteheart moved approval.

SECOND: Randy Mendenhall

VOTE:

FOR: Unanimous

AGAINST: None

**b. Add \$175,000 of Municipal Powell Bill Funds from the Town of Lewisville for the Construction of Intersection Improvements on Lewisville-Vienna Road (SR 1308) at Grainland Drive**

- The Town of Lewisville and the NCDOT have determined that turn lanes on Lewisville-Vienna Road at Grainland Drive are required due to increased traffic volumes, safety concerns, and the change in the status of Grainland Drive to a collector street with access to existing residential communities and the development of several new residential subdivisions along Grainland Drive.
- Preliminary engineering for the project by the NCDOT has determined that the improvements to be constructed will need to be a 12' wide left turn lane, with associated tapers, from Lewisville-Vienna Road into Grainland Drive.
- The project will also include the installation of curb and gutter within the existing right of way and re-working of the existing drainage.
- New lane striping will be required and all work shall comply with all Federal and State environmental regulations.
- Any affected driveways or mailboxes shall be repaired.
- The project is estimated to cost approximately \$175,000.
- The Town requests that the Fiscal Year 2012-2018 MTIP be amended to include \$175,000 of Powell Bill funds allocated to the Town of Lewisville to be programmed for use by the NCDOT for the Lewisville-Vienna Road intersection improvements at Grainland Drive.

Dan Besse requested that maps be included on similar items in the future.

MOTION: Bill Whiteheart moved approval.

SECOND: Ken Rethmeier

VOTE:

FOR: Unanimous

AGAINST: None

**4. Consideration of Transportation Conformity and Amendments to the Fiscal Year 2012-2018 Metropolitan Transportation Improvement Program (MTIP) for Existing Projects**

Presented by Wendy Miller.

- The FY 2012-2018 MTIP is a comprehensive listing of all transportation projects programmed for the Winston-Salem Urban Area.

- The MTIP must be a subset of the Winston-Salem Urban Area 2035 LRTP and meet the SIP emissions budgets for Carbon Monoxide (CO) and Particulate Matter (PM 2.5) as approved in accordance with the Clean Air Act Amendments (CAAA).
- Forsyth County is in maintenance for CO and Davidson County is in maintenance for PM 2.5.
- The FY 2012-2018 MTIP and Air Quality Conformity Determination was adopted by the TAC on July 21, 2011.
- In September, 2011, the Governor announced that the proposed Northern Beltway-Eastern Section project from Business 40 to Reidsville Road (US 158) would be accelerated with funding for right of way acquisition in FY 2012 and construction in FY 2015.
- When the NCDOT amended the FY 2012-2018 STIP to accelerate funding of the regionally significant Northern Beltway project into the first four years of the STIP, it triggered the need for an Air Quality Conformity Determination Report on the MTIP amendment.
- The process to amend the FY 2012-2018 MTIP began with an Interagency Consultation held on November 16, 2011. The Air Quality Conformity Analysis and Determination was conducted by the NCDOT Planning Branch and released for public review on December 16, 2011.
- As required by the MPO's Public Participation Policy, the FY 2012-2018 MTIP amendments and the Air Quality Conformity Analysis and Determination Report were available for public review and comment for 30 days ending on February 20, 2012.
- No public comments were received.
- The MTIP and Air Quality Conformity Analysis and Determination Report must be approved prior to issuance of federal funds for the Northern Beltway-Eastern Section

**a. Transportation Conformity Determination for the Proposed Northern Beltway (U-2579B, Eastern Section) and Other Projects**

MOTION: Allen Joines moved approval.

SECOND: Dan Besse

VOTE:

FOR: Unanimous

AGAINST: None

**b. Amendments and Modifications**

MOTION: Allen Joines moved approval.

SECOND: Tracey Shifflette

VOTE:

FOR: Unanimous

AGAINST: None

**Information Items**

**5. Review of the Winston-Salem Urban Area Metropolitan Planning Organization (MPO) 2035 Transportation Plan Update and Air Quality Conformity Determination**

Presented by Wendy Miller.

- a. Overall Process and Calendar**
- b. Draft 2015, 2021, 2025, 2035 Lists of Street and Highway Projects**
- c. Lists of Transit, Bicycle and Pedestrian Projects**

- The SAFETEA-LU requires that all urbanized areas develop a LRTP and update the plans to confirm their validity and consistency with current and forecasted transportation and land use conditions and trends on a regular basis.
- The LRTP must have at least a 20 year planning horizon; include both long-range and short-range strategies/actions that lead to the development of an integrated transportation system that facilitates the efficient movement of people and goods.
- MPOs that are in air quality maintenance areas must update and jointly approve the LRTP and AQCD report every four years along with the Federal Highway Administration, the Federal Transit Administration and the Environmental Protection Agency.
- The current 2035 LRTP was adopted in 2009 and will lapse on March 6, 2013.
- A major component of the LRTP and AQCD report is the fiscally constrained street and highway network.
- The planned road improvements in the network are scheduled into four time periods for air quality conformity determination analysis.
- The time horizons established for completion of projects with the 2035 LRTP update are 2015, 2021, 2025 and 2035.
- The Interagency Consultation for the 2035 LRTP update and AQCD will be held on March 23, 2012.
- The TAC will need to approve the fiscally constrained street and highway project list in May to begin air quality modeling for the LRTP and AQCD Report in June.

Larry Williams stated that AQCD needs to be added to the list of acronyms.

## **6. Presentation on the Updated North Carolina 2040 Statewide Transportation Plan**

Presented by Terry Arellano, NCDOT.

- Briefing topics include 2040 plan overview, ongoing activities and draft 2040 plan.
- The 2040 plan identifies: challenges and opportunities; long-term modal infrastructure and service needs; a sustainable financing strategy and strategic investments and plan implementation.
- The plan is scheduled for adoption in the summer of 2012.
- The second round of public involvement is complete.
- Public involvement included: statewide stakeholder and agency coordination group workshops; webinars with regional stakeholders, a second public survey and RPO and MPO activities.
- Major feedback themes captured in draft 2040 plan: be more multi-modal; take care of what we have; integrate land use and transportation planning; streamline project development; eliminate fund diversions; improve MPO/RPO coordination; recognize regionalism and improve education for stakeholders and the general public.
- The third round of public involvement has been initiated.
- An estimated \$159 billion (2011 dollars) will be needed to operate at optimal performance and cover today's \$45 billion backlog.
- NCDOT's current funding model is not sufficient and sustainable.
- Revenue options that have been considered: system tolling of interstate highways and urban loops; tax on vehicle miles travelled; local vehicle property tax; local option sales tax; fee on automobile insurance and increased motor fuel tax rate and registration fees.
- Four revenue scenarios evaluated: interstate tolling to supplement existing taxes/fees; VMT fee to replace motor fuel tax in 2020; existing revenue sources with indexing and increases gap and new revenue sources.
- Transportation needs remain large and challenging.

- Strategic investments and policy recommendations: establishes investment priorities in a fund-challenged environment; endorses recent/ongoing major policy and process initiatives and endorses proposed policy, process and program recommendations.
- You can visit [www.ncdot.org/performance/reform/2040plan/](http://www.ncdot.org/performance/reform/2040plan/) for additional information or to review the plan further.

A discussion ensued regarding an increase in fees, etc.

## **7. Briefing on the Winston-Salem Urban Area Greenway Plan Update**

Presented by Margaret Bessette.

- Margaret distributed a Greenway Plan Update handout.
- The TCC and TAC were briefed on the draft Plan at their January meetings.
- Three community input meetings were held in January 2012. No changes were made to the Plan's priority recommendations based on public input.
- The City-County Planning Board will hold a public hearing on the draft Greenway Plan Update at their April 12 meeting.
- The TCC and TAC will be sent the draft Plan document with their May agenda packets and will be asked to consider adoption of the Greenway Plan Update at their May 17 meetings.
- The March 2012 draft of the Greenway Plan Update is available on-line at: [http://www.cityofws.org/Assets/CityOfWS//Documents/Planning/Publications/Parks\\_Greenways/Greenway\\_Update\\_Draft\\_3\\_9\\_12.pdf](http://www.cityofws.org/Assets/CityOfWS//Documents/Planning/Publications/Parks_Greenways/Greenway_Update_Draft_3_9_12.pdf)
- You can also get to the on-line version of the draft Plan through a link on the Planning department's homepage.
- For information or questions, contact Amy Crum at 747-7051 or [amyc@cityofws.org](mailto:amyc@cityofws.org)

## **8. Review of the Winston-Salem Urban Area MPO Comprehensive Transportation Plan (CTP) Street and Highway Element Map and Technical Report**

Presented by Kevin Edwards.

- The Winston-Salem Urban Area MPO has completed the update of the CTP maps and technical document.
- The CTP has been coordinated with the NCDOT and is designed to be consistent with the requirements of North Carolina General Statute 136-66.2.
- A CTP is a multi-modal long range vision plan depicting the transportation infrastructure needed to handle the area's travel demand for a minimum 20 year period.
- All of the elements of the CTP (highway, public transportation & rail, bicycle, and pedestrian) have been previously adopted by the MPO.
- However, the Highway Element, which was adopted in August 2008, was a straight conversion of the MPO's 2002 Thoroughfare Plan map and technical recommendations (as updated in 2005) only.
- At that time, staff did not make any changes to the map and technical recommendations as no policy updates were included.
- In 2009, MPO staff decided that a complete update of the Highway Element was needed to finish the work on the CTP. With the establishment of the MPO's Street and Highway

- The Planning Subcommittee, MPO staff conducted a lengthy process of modifying the Highway Element map and completing a technical report with recommendations.
- The draft map and technical report have been presented to the TCC and TAC several times in 2011 to gather input.
- Citizens were also invited to review and comment on the map and technical report during an extended public review process from May 20 through July 5, 2011.
- MPO staff is requesting review of a resolution for May adoption of the Winston-Salem Urban Area CTP maps and technical recommendations.

## **9. Presentation on the Draft Smith Reynolds Airport Master Plan**

Presented by Mark Davidson, Manager of Smith Reynolds Airport and Mike Darcangelo, Avcon Inc.

- A hardcopy of the Power Point presentation was distributed.
- An airport master plan is a 20-year planning study which evaluates and compares an airport's existing facilities to FAA design criteria and to forecasts of aviation activity in order to identify improvements that may be required to improve safety, efficiency or capacity.
- The purpose of the plan is to identify in detail the justifications, methodologies and reasoning for the developments shown on the Airport Layout Plan (ALP) drawing set and to allow the airport to meet federal assurances for grant funding eligibility.
- Master plan steps include inventory of existing conditions, aviation activity forecasts, demand capacity & facility requirements, alternatives analysis and development plans, ALP set and financial implementation plan.
- The 2008 DNL (Day-Night Sound level) noise contours have decreased and will reduce to within the airport property by 2028.

A discussion ensued regarding diminished activity.

A discussion ensued regarding tax rates.

A discussion ensued regarding Piedmont Triad International Airport (PTIA).

## **10. Review of the Federal Job Access and Reverse Commute (JARC)/New Freedom Funded Project Approval Process**

Presented by Phillip Vereen.

- The FTA has issued a call for projects for the JARC, FTA Section 5316 and New Freedom Funds, FTA Section 5317 for 2012.
- The Job Access and Reverse Commute (JARC) program was established to provide to address the unique transportation challenges faced by low-income persons seeking to obtain and maintain employment.
- The New Freedom formula grant program aims to provide additional tools to overcome existing barriers facing Americans with disabilities seeking integration into the work force and full participation in society.
- In 2008, the City of Winston-Salem became the designated recipient for human service transportation funding through the FTA.
- To date, \$808,852 in JARC funding and \$554,058 in New Freedom have been distributed to seven agencies in the last five years.
- The 2012 funding amounts will be \$221,158 for JARC and \$135,247 for New Freedom.

## **11. MPO Staff Reports – Questions for Staff**

- a. NCDOT Division 9 Transportation Projects Update**
- b. Piedmont Authority for Regional Transportation Update**
- c. Forsyth County OEAP Air Quality Update**

Cary Gentry stated that the 1997 standard has been revoked and the 2010 standard has taken effect, which means Forsyth County is still in attainment.

### **d. Bicycle and Pedestrian Facilities Projects Update**

Presented by Matthew Burczyk.

- A new call for projects will be underway shortly.
- The call will not be just for bike and/or pedestrian projects, but all transportation projects, including transit and intersection improvements.
- The deadline for the call will be the first week of May.
- Then the public input period will begin.
- After the public input period, a taskforce will be created to review and rate the projects.
- The projects will be brought to the September TAC meeting for approval.

Dan Besse requested that the call for projects also be sent to TAC.

### **e. Ranked List of Projects by NCDOT's Strategic Planning Office of Transportation (SPOT) (Prioritization 2.0)**

Presented by Greg Errett.

- Latest rankings are available.
- There will be a SPOT session held Monday, March 19, at the Greensboro Coliseum.

## **12. Review of the Draft Fiscal Year 2012-2013 Unified Planning Work Program (UPWP)**

Presented by Greg Errett.

- Each year the Winston-Salem Urban Area MPO is required to develop and approve a UPWP.
- The UPWP identifies what transportation planning projects and work tasks will be completed during the fiscal year and the amount of federal and State highway and transit planning funds that will be used to complete the work, plus the required State and local matches.
- Depending on the specific funding source, tasks funded through the UPWP are eligible for reimbursement of 80-90% of their cost from the FHWA and the FTA through the NCDOT.
- The Winston-Salem Urban Area UPWP identifies 3 separate federal funding sources for conducting transportation planning and they are shown in Table 1. They include:
  - FHWA Section 104 (f) Funds – These funds are the primary funding source dedicated to the MPO to perform transportation planning as required by various State and Federal laws and regulations. These funds require a 20% local match.



- FTA Section 5303 Funds – These funds are used for transit planning in the urban area. The FTA provides 80% of these funds with a 10% match from NCDOT and a local match of 10% from the Winston-Salem Urban Area MPO.
- FHWA Surface Transportation Program – Direct Attributable (STP-DA) Funds – These funds are available to the MPO to supplement the Section 104 (f) funds and are shown in the State Transportation Improvement Program (STIP). The MPO has used these funds to conduct a variety of large projects and studies. These funds also require a 20% local match.
- The SPR Funds – These funds are no longer being shown in the UPWP Table 1.
- The funds are still provided to the NCDOT Transportation Planning Branch to conduct work for the Winston-Salem Urban Area MPO.
- The local match requirements will be shared by all members of the Winston-Salem Urban Area MPO as defined in the MOU.

### **13. Review of the Draft Self-Certification of the Transportation Planning Process for the Winston-Salem Urban Area MPO**

Presented by Greg Errett.

- The SAFETEA-LU requires the NCDOT and all MPOs in the state to annually certify to the FHWA and the FTA that their transportation planning processes are addressing the major issues of the urban area and are being conducted in accordance with all applicable provisions of federal law.
- To guide this self certification process, NCDOT has provided the attached checklist.
- Staff has reviewed the checklist and provided a response to each of the items.
- Staff believes the Winston-Salem Urban Area MPO transportation planning process is adequately addressing the major issues of the urban area and is being conducted in accordance with all applicable provisions of federal law governing transportation planning.
- Also, in 2008, the FHWA and FTA conducted a formal review of the Winston-Salem Urban Area MPO's transportation planning process, and found that the process is being carried out in substantial compliance with the applicable provisions of 23 U.S.C. 134 and 49 U.S.C. 5304.
- Another formal review is scheduled to occur in November/December, 2012.

### **14. Review of the 2012-2013 MPO Calendar of Activities**

Presented by Greg Errett.

- Greg distributed a handout for the MLK Corridor Improvements meeting that will be held on Wednesday, March 21, 2012 from 6 – 8 pm at Mount Zion Baptist Church.
- Greg distributed a handout for the proposed streetcar or enhanced bus service community meeting at the Central Library auditorium on March 28, 2012 from 5 – 7 pm.
- Greg distributed a handout for the SPOT 2.0 meetings at various North Carolina locations.
- Next TAC meeting will be May 17, 2012.

Greg Errett stated that NCDOT is working on designs for the Salem Creek Connector Project. MPO staff may ask the TAC to consider a MTIP amendment to allocate STP-DA funds for streetscape improvements on the project. The STP-DA funds would require a 20% local match which would need to be approved by the Winston-Salem City Council. The exact amount is not yet known. Due to the State's deadlines, a special meeting may be convened in April to consider the item. Staff will contact TAC members to find the best date for the special meeting.

**15. Other Business/Adjourn Meeting**

**ADJOURNMENT 6:04 p.m.**