

**MINUTES  
WINSTON-SALEM URBAN AREA  
TRANSPORTATION ADVISORY COMMITTEE (TAC)  
SEPTEMBER 20, 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  
Charles Allen, Council Member, City of King  
Kenneth Rethmeier, Mayor, Town of Bermuda Run  
Allen Todd, Mayor, Town of Wallburg  
Bill Whiteheart, Commissioner, Forsyth County  
Nick Nelson, Council Member, Village of Clemmons, Alternate  
Dawn Morgan, Mayor, Town of Kernersville  
Brent Rocket, Commissioner, Town of Bethania  
Billy McHone, Mayor, Village of Tobaccoville  
Dan Pugh, Mayor, Town of Lewisville  
Randy Mendenhall, Council Member, Town of Walkertown  
Ralph Womble, Member, NCDOT Board of Transportation

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

**STAFF PRESENT:**

Brian Ulrich, Town of Kernersville  
Pat Ivey, NCDOT  
Andy Bailey, NCDOT  
Toneq' McCullough, WSDOT  
Cary Gentry, FCOEAP  
Dick Hails, PART  
Greg Errett, WSDOT  
Wendy Miller, WSDOT  
Fred Haith, WSDOT  
Kevin Edwards, WSDOT  
Matthew Burczyk, WSDOT

**RECORDING SECRETARY:** Laura Whitaker, WSDOT

**OTHERS:** Todd Yates, Commissioner, Davidson County  
Scott Leonard, Davidson County

## 1. Citizen Comments

No one present.

Chairman Williams recognized Todd Yates who will be the new TAC member from Davidson County. The Davidson County Commissioners voted to rejoin the Winston-Salem MPO and Davidson County will become a member when the MOU is signed.

## Action Items

### 2. Consideration of the July 19, 2012 TAC Meeting Minutes

Presented by Chairman Larry Williams.

MOTION: Billy McHone moved approval of the minutes.

SECOND: Allen Todd

VOTE:

FOR: Unanimous

AGAINST: None

### 3. Consideration of the MPO's Proposed Metropolitan Area Boundary (MAB) Map(s)

Presented by Kevin Edwards.

- The Urbanized Area (UZA) for the Winston-Salem Urban Area MPO has expanded beyond the current MAB map to include the City of Lexington, small portions of Guilford County, and additional portions of the Town of Wallburg, and Davidson, Davie, and Stokes Counties.
- Also, the High Point Urban Area UZA has expanded further into southeastern Forsyth County.
- After a series of meetings, staff of the Winston-Salem, High Point, and Greensboro MPOs, along with staff from the City of Lexington and the Town of Wallburg discussed these boundaries and came to these agreements on their adjoining areas:
  - areas within Forsyth County, Guilford County, and the Town of Wallburg should remain in their current MAB map, and
  - The City of Lexington should be within the High Point MAB map. Both the City of Lexington and the Davidson County Commissioners have approved of the Lexington portion of the UZA becoming a member of the High Point MPO and their urban area.

#### a. Discussion of Possible Funding Agreement(s) with the High Point MPO

- Discussions on the possible division of additional transportation planning funds will occur at a later time with the High Point MPO.

Chairman Williams noted that the labels for the towns of Rural Hall and Kernersville were left off the metropolitan area boundary map. Kevin stated that staff would add the labels to future maps.

A discussion ensued regarding changes to the weighted voting systems.

A discussion ensued regarding the additional transportation planning funds involving High Point.

MOTION: Kenneth Rethmeier moved approval.

SECOND: Allen Todd

VOTE:

FOR: Unanimous

AGAINST: None

**4. Consideration of Proposed Amendments to the Fiscal Year 2012-2018 Metropolitan Transportation Improvement Program (MTIP)**

Presented by Matthew Burczyk.

**a. To transfer funds from the Cedar Trail Greenway Connection to the Lantern Ridge Greenway Connection and the Muddy Creek Greenway Trailhead**

- In 2010 and 2011, the TAC approved the programming of \$640,000 in STP-DA funds for the Cedar Trail Greenway Connection, which will provide a direct connection to the Muddy Creek Greenway for residents on the east side of Muddy Creek.
- The total cost estimate for the project is \$800,000.
- At the same time, MPO staff submitted the Cedar Trail Greenway Connection for funding in the SPOT 1.0 process.
- The project ranked high enough to be funded and NCDOT has provided \$500,000 in STP-EB funds for the project.
- STP-EB funds do not require a local match, and thus, will save the City \$100,000.
- Using the STP-EB funds makes available \$400,000 in STP-DA funds to be used for two related projects needing funds.
- The Lantern Ridge Greenway Connection is like the Cedar Trail project in that it will connect the Muddy Creek Greenway to a different neighborhood east of Muddy Creek.
- In 2010, the TAC approved \$120,000 in STP-DA funds for the project. However, the total project cost estimates have risen to \$350,000 because of trail width requirements and rising costs of greenway construction.
- MPO staff, therefore, request a transfer of \$160,000 in STP-DA funds from the Cedar Trail Greenway Connection project to the Lantern Ridge Greenway Connection project.
- The total project cost is \$350,000, the total STP-DA amount will be \$280,000, and the total local match will be \$70,000.
- The additional amount of STP-DA funding being requested is \$160,000 with a local match of \$40,000.
- The Muddy Creek Greenway Trailhead project will provide a parking area and gathering point for users of the greenway.
- It will be located at the southeast corner of the intersection of the greenway and Robinhood Road, and is estimated to cost \$300,000.

- The Muddy Creek Greenway is extremely popular, but the parking is inadequate. Often cars parked near the street, creating a hazardous situation for trail users and passing motorists.
- The property owner has agreed to donate the land to be used for the trailhead.
- MPO staff requests a transfer of \$240,000 in STP-DA funds from the Cedar Trail Greenway Connection project to the Muddy Creek Trailhead project. The local match is \$60,000.

MOTION: Denise Adams moved approval.

SECOND: Walter Marshall

VOTE:

FOR: Unanimous

AGAINST: None

**b. Deleting two (2) Intersection Improvement Projects**

Presented by Fred Haith.

- On November 19, 2009, the TAC approved the recommendation of designating STP-DA funds for a list of intersection improvement projects that included: 1) Hanes Mill Road at Summit Square Boulevard, and 2) Ebert Street at Oak Grove Road.
- Both of these projects are in the City of Winston-Salem.
- On February 18, 2010, the TAC approved the recommendation to increase the cost of the Hanes Mill Road at Summit Square Boulevard project by \$5,000 to account for preliminary engineering.
- However, sufficient City funds have been secured eliminating the need for STP-DA funds.
- The amount of STP-DA funds that were allocated towards the intersection improvement project is \$24,000.
- Also, on February 18, 2010, the TAC approved the recommendation of designating additional STP-DA funding for the Ebert Street at Oak Grove Road traffic signal installation project.
- The intersection improvement project will also include sidewalks and a bus shelter.
- However, sufficient City funds have been secured eliminating the need for STP-DA funds.
- The amount STP-DA funds that were allocated toward the Ebert Street at Oak Grove Road intersection improvement project is \$137,600.
- In total, \$161,600 of STP-DA funds will be deleted from these projects and placed back in the general Intersection Improvements pool of funds that may be applied to other projects.
- There is no savings in the required local match since both projects are being paid for by the City.

MOTION: Denise Adams moved approval.

SECOND: Billy McHone

VOTE:

FOR: Unanimous

AGAINST: None

**c. Increasing Funds for a Different Intersection Improvement Project**

- On November 20, 2008, the TAC approved the allocation of STP-DA funds for the U-4742 JA intersection improvement project to install an eastbound right turn lane from Sprague Street to Kernersville Road.
- The original cost estimate for the project was calculated utilizing City forces for construction, subsequently it has been determined that this project must follow federal standards which include contracting out all construction work.
- On February 18, 2010, the TAC approved \$125,520 total cost for the Sprague Street at Kernersville Road intersection improvement project to accommodate preliminary engineering and sidewalks.
- However, the original estimate was not adjusted to account for the exponential increase due to outsourcing all of the construction work. On May 20, 2010 the TAC approved an increase of the cost to \$184,800 (\$147,840 STP-DA and \$36,960 local match) for the project.
- The design for this project is now complete, and final plans and specifications have been submitted to NCDOT for review and approval.
- A revised cost estimate of \$250,000 has been prepared based on the final design plans and using unit price information from recently bid projects of similar size and scope, including a project that was bid using Federal funds.
- A total of \$200,000 in STP-DA funds is needed, an increase of \$52,160 over the current amount (\$147,840).
- The City will provide the 20% match for this project of \$50,000.

A discussion ensued regarding the additional costs.

Denise Adams requested a copy of the bids when they become available.

MOTION: Walter Marshall moved approval.

SECOND: Kenneth Rethmeier

VOTE:

FOR: Unanimous

AGAINST: None

**5. Consideration of the MPO's Prioritized Lists of Requested Transportation Projects Programming Surface Transportation Program – Direct Attributable (STP-DA) Funds**

Presented by Fred Haith.

**a. Intersection Improvement Projects**

**b. Small Roadway Projects**

- In May 2012, MPO communities submitted 4 intersection improvement projects and 5 small roadway projects.
- The total cost estimate for the intersection improvement projects was \$1,340,000 and the total cost estimate for small roadway projects \$21,520,000.

- These projects were reviewed and evaluated by a committee that included representatives from MPO communities, NCDOT, and other community organizations.
- After reviewing the projects, the selection committees recommended that the 3 intersection improvement projects and 3 small roadway projects.
- Due to having sufficient funds, the projects did not need to be ranked.
- The STP-DA funds to be programmed for small roadway projects totals \$8,360,000 and the local match totals \$2,090,000.

**c. Bicycle, Greenway, Sidewalk and Pedestrian Facilities Projects**

- In May 2012, MPO communities submitted 17 sidewalk projects to be considered for funding, as well as 9 greenway projects.
- The total cost estimate for all sidewalk and greenway projects submitted for consideration of funding was \$17,333,000.
- These projects were reviewed and evaluated by committees that included representatives from MPO communities, NCDOT and other community organizations.
- After reviewing the projects, the selection committees recommended that the MPO fund 16 sidewalk and greenway projects, totaling \$9,837,000.
- At the July TAC meeting, it was requested that the Waughtown greenway be added to the list, and it is now included on the funding list.
- The STP-DA funds to be programmed for sidewalk and greenway projects totals \$7,869,600 and the local match totals \$1,967,400.

A discussion ensued regarding the WSSU pedestrian bridge.

MOTION: Kenneth Rethmeier moved approval.

SECOND: Denise Adams

VOTE:

FOR: Unanimous

AGAINST: None

**6. Consideration on the Programming of STP-DA Funds for the MPO's Prioritized Lists of Requested Transportation Projects**

Presented by Greg Errett.

- The United States Census defines urbanized areas with a population over 200,000 as Transportation Management Areas (TMAs).
- The Winston-Salem Urban Area was designated as a TMA after the 2000 U.S. Census. All TMAs may program federal STP-DA funds for high priority projects within their urban areas.
- As a TMA, the Winston-Salem Urban Area MPO has the authority to program available STP-DA funds for transportation planning, bicycle, greenway, sidewalk, street and highway, transit and other projects in the urban area.
- The NCDOT has estimated that the Winston-Salem Urban Area has about \$25.046 million in available STP-DA funds that can be programmed in Fiscal Years 2012-2018 in the STIP.

- With the required local match for these projects, a total of \$31.308 million is available for programming.
- NCDOT has reviewed and given the MPO approval of the proposed programming of these STP-DA funds.
- \$3.85 million was added to TIP Project U-4741 Bicycle, Greenway and Sidewalk to provide funds for a variety of projects in the MPO.
- \$8.0 million was programmed for TIP Project U-5506 Small Roadway Projects. \$1.5 million was added to the Martin Luther King, Jr. Drive Streetscape Improvements project (TIP Project EL-5108), another \$500,000 for needed Bus Stop Improvements (TG-4805), and finally, \$7.0 million has been programmed to help the (WSTA) purchase 14 new hybrid buses for their fleet.
- Altogether, \$24.094 million of STP-DA funds are proposed to be programmed in Fiscal Years 2013-2015.
- With a required 20% local match of \$6.024 million, the total amount of funds being programmed is \$30.118 million.
- Approximately \$952,000 is remaining in STP-DA funds that can be used to pay for other new projects, for cost increases or to expand the scope of an existing project.

MOTION: Billy McHone moved for approval.

SECOND: Denise Adams

VOTE:

FOR: Unanimous

AGAINST: None

### **Information Items**

#### **7. Presentation about the Piedmont Triad Sustainable Communities Planning Project (SCPP) for the 12 County Region**

Presented by Dick Hails, PART.

- The Piedmont Triad Region is part of the Piedmont/Atlantic and SE US region.
- The region includes 12 counties surrounding Forsyth and Guilford counties.
- The region has a population of 1.6 million, 55% of those in Forsyth and Guilford counties.
- The area encompasses approximately 5,860 square miles.
- There are 659,000 jobs in the region.
- There have been 105,000 jobs lost in the manufacturing field, with 70,000 jobs added in education and health.
- Forsyth and Guilford counties account for 65% of jobs in the region.
- The current unemployment rate is 9.5%
- Transportation costs account for 34% of the average household budget in the Triad.
- Transportation and housing costs account for 53% the average household budget.
- Single-family housing and smaller households accounts for 70% of households.
- Multi-family housing accounts for 18% of households.
- The NC obesity rate is 27%.

- Eighty percent (80%) of the region is rural; 215 square miles of rural land area has been developed over the last 5 years.
- Agricultural/timber generates \$892 million for the region.
- There are approximately 390 miles of public trails.
- PART held 12 forums in various counties in early 2012 to obtain regional feedback.
- Feedback from the forums provided 7 regional strengths: higher education, productive farmland, excellent healthcare, scenic/recreation, small town charm, volunteer/religious organization, good highways/utilities and central location.
- The forums also provided 8 regional challenges: lack of transportation options, living the in the new economy, abandoned job centers, not capitalizing on assets, unhealthy community design, lack of sidewalks and bike lanes, access to food sources and energy issues.
- To build a stronger region there needs to be more transportation choices, fair, affordable housing, economic competitiveness, good jobs and training, and a safe/clean environment.
- For more information, please log on to [www.triadsustainability.org](http://www.triadsustainability.org).

## **8. Briefing on the Status of the Legacy 2030 Plan Update**

Presented by Margaret Bessette.

- Margaret distributed a *Legacy 2030 Update* handout.
- *Legacy*, the Comprehensive Plan was adopted by all jurisdictions in Forsyth County in 2001.
- *Legacy* is now more than 10 years old and the State Demographer has estimated that an additional 120,000 people will come to Forsyth County by 2030. With those folks, there will likely be an additional 60,000 jobs.
- The purpose of the *Legacy 2030 Update* is to accommodate those new people and jobs and to create a more fiscally responsible, sustainable, and livable community for current and new residents.
- The Legacy Update process was kicked off in April 2011. The public involvement process has been extensive. Planning staff created a music video; established a blog format website; and held 10 public meetings. We've had hundreds of meeting attendees and gotten over 700 citizen comments to develop and revise the draft plan.
- The transportation chapter of original *Legacy* and the *Legacy 2030 Update* were developed in consultation with the Winston-Salem MPO staff.
- The goals and objectives of *Legacy's* transportation chapter are used as the goals and objectives in the WS MPO's Long Range Transportation Plan.
- The goal of the transportation chapter is: A balanced and sustainable multimodal transportation system that links highways, transit, greenways, bikeways and sidewalks into a seamless network that provides choices for people's travel needs.

## **9. Briefing on State Ethics Act Requirements for TAC and TCC Voting Members/Alternates: Economic Interest Disclosure and Education Requirement**

Presented by Margaret Bessette.

- The State Government Ethics Act establishes a code of conduct for certain public officials and employees.
- In 2012, the General Assembly passed legislation designating MPOs and RPOs as “boards” under the ethics act.
- Since both the TCC and TAC make up the MPO or RPO, both committees are covered.
- All voting members, including alternates, of both the TCC and TAC of each MPO or RPO are covered by the ethics act.
- The law becomes effective January 1, 2013.
- A Statement of Economic Interest (SEI) is a 22 question disclosure about your and your immediate family members’ financial, business and professional relationships.
- Under the law passed by the General Assembly, you must file your SEI electronically.
- There is information on the Commission’s website about filing the form.
- Your SEI will be based on responses to the questions as of December 31, 2012.
- The SEI filing deadline is April 15, 2013.
- The State Ethics Commission may impose a \$250 fine for late filing or failure to file, and you may be removed from your board membership.
- There are also criminal penalties for knowingly failing to disclose information or providing false information.
- There is also an education requirement which will be in addition to the ethics training local governments hold for elected officials.
- Staff will update the boards as additional information on the SEI filing and the ethics education become available.

A discussion ensued on the filing and education requirements.

#### **10. Review of the MPO’s 2035 Transportation Plan Update and Air Quality Conformity Determination Overall Process and Schedule**

Presented by Fred Haith.

- Fred distributed a 2035 LRTP Update Table of Contents.
- The regional teams continue to meet on specific chapters and regional components of the LRTP.
- LRTP chapters nearing completion: Freight/Congestion Management/Bike & Ped.
- New mapping and data analysis has begun on the Environmental Justice section of the plan.
- Modeling for emissions factors is in progress.
- The release of the draft conformity report and LRTP for TAC and public comment will be in November and adoption by the TAC in January.

#### **11. Review of the Draft Fiscal Year 2014-2020 MTIP for the Winston-Salem Urban Area**

Presented by Wendy Miller.

- The draft FY 2014 – 2020 State Transportation Improvement Program (STIP) was released on September 6, 2012. The following road projects have been highlighted for changes in project status and/or funding:

- I-911 - Interstate 40 pavement rehabilitation and widening right-of-way in 2017.
- I-5315 - Interstate 40 pavement rehabilitation construction moved to 2020.
- R-2577 - Reidsville Road (US 158) widening right-of-way in 2018-2019.
- R-2568 - Thomasville Road (NC 109) widening and new location right-of-way and utilities in 2020.
- R-2247 - Northern Beltway Western Section CD – Peace Haven Road interchange improvements right-of-way in 2021; construction in 2023.
- U-4734 - Macy Grove Road Extension on new location; right-of-way in 2023.
- U-2579 - Northern Beltway Eastern Section B – Business 40 to Reidsville Road (US 158) right-of-way in 2013-2014; construction in 2015 (Garvee Bonds payback beyond 2023).
- U-2827 - Business 40 – Pavement Rehabilitation, bridge replacements and safety improvements: Section BA – Peters Creek Parkway Right-of-Way in 2015, Construction in 2016 and Section BB – Business 40 from west of Fourth Street to east of Church Street right-of-way in 2018; construction in 2018 – 2020.
- The Idols Road extension and University Parkway projects are both unfunded and, therefore, not listed on the draft STIP.
- Two new projects listed are the Piedmont Triad Research Park Trail and the University Parkway sidewalk project.
- The Public Transportation section of the draft FY 2014 – 2020 STIP has not been released.

## **12. MPO Staff Reports**

### **a. NCDOT Division 9 Transportation Projects Update**

Presented by Pat Ivey.

A discussion ensued regarding reprioritization.

A discussion ensued regarding the NC 109 project.

### **b. Piedmont Authority for Regional Transportation Update**

No one present.

### **c. Forsyth County OEAP Air Quality Update**

Presented by Cary Gentry.

- There were 8 Code Orange alert days this season.

Cary responded to Dan Besse’s question stating that the graph only shows four spikes into code orange due to the fact the spikes represent two days.

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

Presented by Matthew Burczyk.

- The second Cycling Sunday event of 2012 will be held on September 23, 3-6 pm
- There will be a Greenway Walk & Talk on the Salem Creek Greenway on Sunday, October 7<sup>th</sup> at 3:00pm.
- The first annual North Carolina Bike Summit is being held in Raleigh on October 12 and 13 on the NC State University campus. The Summit will provide a forum for everyone involved in improving bicycle conditions in the state to meet and share ideas, including planners, citizens advocates, and elected officials. Register at [www.ncbikesummit.org](http://www.ncbikesummit.org).
- The statewide bicycle and pedestrian master plan is currently being developed and NCDOT is seeking input from citizens through a number of public events and their website at <http://www.walkbikenc.com/>.

A discussion ensued regarding side paths.

Denise Adams requested cost analysis of sidewalks and/or bike lanes vs. side paths.

### **13. Review of a Proposed Amendment to the Fiscal Year 2012-2018 MTIP**

Presented by Greg Errett.

- The FY 2012-2018 MTIP is a comprehensive listing of all transportation projects programmed for the Winston-Salem Urban Area and must be a subset of the Winston-Salem Urban Area 2035 Transportation Plan and must meet transportation conformity in accordance with the Clean Air Act (CAAA).
- The Air Quality Conformity Determination Report and the FY 2012-2018 MTIP were adopted by the Transportation Advisory Committee (TAC) on July 21, 2011.
- Recently, under the SAFETEA-LU, WSTA was informed that they have been allocated additional funds for capital expenses and preventive maintenance work on their fleet of vehicles.
- As announced in the Federal Register, SAFETEA-LU will combine available standard FTA Section 5307 capital funds with FTA Section 5340 “Growing States and High Density States Formula Program” funds for WSTA’s use in FY 2012-2013.
- Combined together, \$176,129.00 is available, with \$170,867.76 designated for capital expenses, and another \$5,261.24 designated for preventive maintenance.
- Separate formulas are used to apportion Section 5307 and Section 5340 funds to urbanized areas.
- Under the 5340 formula, half of the funds are made available under the “Growing States” factors and are apportioned based on State population forecasts for 15 years beyond the most recent Census.
- Amounts apportioned for each State are then allocated to urbanized and rural areas based on the State’s urban/rural population ratio.
- The High Density States factors distribute the other half of the funds to States with population densities greater than 370 people per square mile.
- These funds are apportioned only to urbanized areas within those States.

- The SAFETEA-LU Conference Report instructs FTA to merge the urbanized area amounts for the 5307 and 5340 formulas into a single apportionment when it publishes program apportionments.
- The distribution of FTA Sections 5307 and 5340 funds within an urbanized area is a local responsibility through the MPO.

#### **14. Discussion on the Federal Certification Review Process/Schedule**

Presented by Greg Errett.

- The Moving Ahead for Progress in the 21st Century (MAP-21) reauthorization of the Federal Aid Highway Program continued to mandate the certification of the metropolitan transportation planning process in Transportation Management Areas (TMAs) at least once every four years by the USDOT.
- The purpose of the certification review is to determine if the transportation planning process being conducted in the area meets the requirements of 23 CFR 450 Subpart C.
- The last Certification Review for the Winston-Salem MPO occurred in October 2008.
- The Federal Certification Review team will consist of FHWA, North Carolina Division Office personnel and FTA Regional Office personnel.
- The NCDOT will also participate in the Review.
- We anticipate that the Review will require a two-day to three-day site visit in our area to complete. The Review will cover all or most of the following program areas: Metropolitan Planning Area Boundaries, Agreements and Contracts, Unified Planning Work Program (UPWP), Transportation Planning Process, Metropolitan Transportation Plan (MTP), Financial Planning, Congestion Management, Transportation Improvement Program (TIP), Project Selection, Air Quality, Transit Planning, Public Involvement, Title VI Requirements, Freight Planning, Safety Planning, Security Planning, Visualization Techniques, Management and Operations and Environmental Mitigation

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

Presented by Greg Errett.

- Next TAC meeting will be October 18, 2012.

#### **16. Other Business/Adjourn Meeting**

ADJOURNMENT 5:43 p.m.