

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION ADVISORY COMMITTEE (TAC) MEETING**

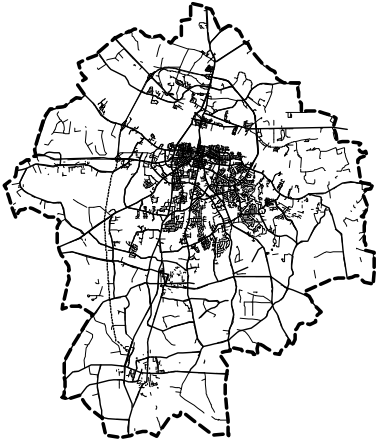
Tuesday, August 11th, 2009, at 10:00 a.m.
Greenville Public Works Conference Room, 1500 Beatty St.

Actions to be taken in bold italics

- I. Approval of Agenda; ***approve***
- II. Approval of Minutes of May 28, 2009, Meeting (Attachment 1); ***approve***
- III. Public Comment Period
- IV. New Business / Action Items:
 - A. Amendment to 2009-2015 Metropolitan Transportation Improvement Program (MTIP) for Roadway and Sidewalk Projects (Attachment 2) – Resolution No. 2009-12-GUAMPO; ***recommended for adoption***
 - B. Adoption of the travel demand model network, Traffic Analysis Zones (TAZ), and socioeconomic data used as model inputs. (Attachment 3) – Resolution No. 2009-13-GUAMPO; ***recommended for adoption***
 - C. “Draft” 2009-2035 Long Range Transportation Plan Update (Attachment 4)-- Resolution No. 2009-14-GUAMPO; ***recommended for adoption***
- V. Non-Action Items:
 - A. Project Informational Updates:
 - Firetower Road
 - B. Actions Taken at Last TCC Meeting (Attachment 5)
- VI. Adjourn

ATTACHMENT 1

MINUTES OF THE MAY 28, 2009 TRANSPORTATION ADVISORY COMMITTEE MEETING



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION ADVISORY COMMITTEE (TAC) MINUTES
May 28, 2009**

Members of the Transportation Advisory Committee met on the above date at 10:00 a.m. in the Conference Room of the Public Works Facility. Ms. Patricia C. Dunn, Chairperson, called the meeting to order. The following attended the meeting:

Mayor Patricia C. Dunn, City of Greenville
Mayor Doug Jackson, Town of Winterville
Mayor David C. Boyd, Jr., Village of Simpson
Mayor Stephen W. Tripp, Town of Ayden
Mr. Marvin K. Blount, III, NCDOT Boardmember

TECHNICAL COORDINATING COMMITTEE MEMBERS PRESENT:

Mr. Jonas Hill, County of Pitt
Mr. Daryl Vreeland, City of Greenville
Mr. Wesley Anderson, TCC Chairman
Mr. David Brown, City of Greenville
Mr. Neil Lassiter, NCDOT
Mr. Adam Mitchell, Town of Ayden
Ms. Nancy Harrington, City of Greenville
Mr. Behshad Norowzi, NCDOT

OTHERS PRESENT:

Mr. Wayne Bowers, City Manager, City of Greenville
Mr. Bill Whisnant, Town of Winterville
Ms. Amanda Braddy, City of Greenville

I. AGENDA:

Mayor Boyd made a motion and Mayor Jackson seconded to approve the agenda as distributed. The motion passed unanimously.

II. MINUTES:

Mayor Tripp made a motion to approve the minutes of the March 23, 2009 meeting as presented. Mayor Boyd seconded the motion, and the motion passed unanimously.

III. PUBLIC COMMENT PERIOD

There was no public comment.

IV. NEW BUSINESS:

A. AMENDMENT TO 2009-2015 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FOR TRANSIT PROJECTS

Mayor Dunn turned the meeting over to Mr. Daryl Vreeland. Mr. Vreeland combined both this amendment and New Business Item B Amendment into one item.

Item A – Amendment to 2009-2015 Metropolitan Transportation Improvement Program (MTIP) for Transit Projects allows for funds to be applied for greater than those previously identified in the MTIP adopted on August 12, 2008. The projects affected are the preventative maintenance and miscellaneous capital items, and the expansion busses.

Item B – Amendment to 2009-2015 Metropolitan Transportation Improvement Program (MTIP) for Statewide Roadside Environmental Projects allows for the inclusion of project ER-5100, Statewide Roadside Environmental Projects and Tree Plantings. To follow proper protocol, the MTIP must be amended to correspond with projects in the STIP which was amended on March 5, 2009.

No discussion ensued regarding these amendments.

A motion was made by Mayor David Boyd and seconded by Mayor Jackson to approve the amendments as presented. The motion passed unanimously.

B. AMENDMENT TO 2009-2015 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FOR STATEWIDE ROADSIDE ENVIRONMENTAL PROJECTS

See Item A above.

C. RESOLUTION OF SUPPORT FOR NCDOT'S SPOT SAFETY PROJECT ENTAILING CONSTRUCTION OF A ROUNDABOUT AT THE INTERSECTION OF NC 903 AND REEDY BRANCH ROAD

Mr. Vreeland gave an update on the status of this intersection. In 2007, it was ranked 1142 among the most hazardous intersections on the Spot Safety Improvement list. In 2009, it was ranked 114. The jump in numbers has caused major concern for this intersection and has warranted discussion of safety improvements. This intersection is not listed on the MPO's list of priorities for spot safety.

Mayor Doug Jackson believes the four-way stop signs installed for this intersection has proven effective and should remain in place versus a roundabout. Mr. Jackson stated the roundabout would cause difficulty for larger vehicles and would be costly to construct. Mayor Jackson also stated he feels after the outer loop for this area was installed, the traffic on 903 would be practically nonexistent.

Mayor Jackson confirmed his board met and although they did not have a formal vote on the roundabout, the general consensus was in opposition to installation of the roundabout.

Mr. Blount commented if an intersection is not fixed and NCDOT has not taken action, the state could face further liability if the intersection is not corrected. He also stated most projects are on a list for at least a year before construction begins.

Mayor Steve Tripp stated he would like to see the data on the intersection from February to present to address all issues of the intersection. He also commented he believed if Winterville is concerned and the TAC as a group should be concerned with the plans for this intersection.

A motion was made by Mayor David Boyd to accept the Resolution of Support for NCDOT's Spot Safety recommendation for adoption. Mr. Marvin Blount seconded the motion and the motion passed by majority.

D. ADOPTION OF THE COMPREHENSIVE TRANSPORTATION PLAN HIGHWAY MAP

Mr. Vreeland presented this item. Mr. Vreeland stated this map has been under consideration for one year. This map is one map of five that will eventually be presented for all modes of transportation. The Highway Map is being presented will serve as an update for the thoroughfare plan. The Highway Map has also been presented to each municipality's governing board and to the public for comments.

Mayor Steve Tripp questioned how the process could be modified to change and include the section of road from NC 102 to the Greene County line and from NC 102 to Hwy 43.

It was determined the area was outside of the MPO area, however the RPO was represented by county officials and the area in questioned was covered by the County's CTP.

Mayor Steve Tripp proposed an amendment to the map so that the entire segment of NC 102 within the MPO boundary shall be indicated as "needs improvement".

A motion was made by Mayor Steve Tripp to adopt the amended CTP Highway Map and was seconded by Mr. Marvin Blount. The motion passed unanimously.

E. "DRAFT" 2009-2035 LONG RANGE TRANSPORTATION PLAN UPDATE

Mayor Dunn turned the meeting over to Mr. Vreeland. Mr. Vreeland explained every five (5) years Metropolitan Planning Organizations are required by federal law to update their Long Range Transportation Plans (LRTP). The Greenville Urban Area Metropolitan Planning Organization last adopted its LRTP in August, 2004. Mr. Vreeland explained the process needed to renew the plan and provided information on the steps already taken to ensure compliance with federal mandates.

There was no discussion on this item.

Mayor Tripp made a motion to recommend TAC consider presenting the "Draft" LRTP updates to the public. Mayor Jackson seconded the motion and the motion passed unanimously.

V. NON-ACTION ITEMS

- **Firetower Road** – Firetower Road is on schedule and could allow traffic flow by late Fall 2009.
- **Bicycle & Pedestrian Master Plan Cost Share Calculation** – A plan to allow for cost share by each municipality for a Bicycle & Pedestrian Master Plan was given to those in attendance for future budgetary funding.
- **Hwy 43 Gateway** – This project is currently underway with the section of highway between Memorial Drive and B's BBQ Road beginning as Phase I and letting in July

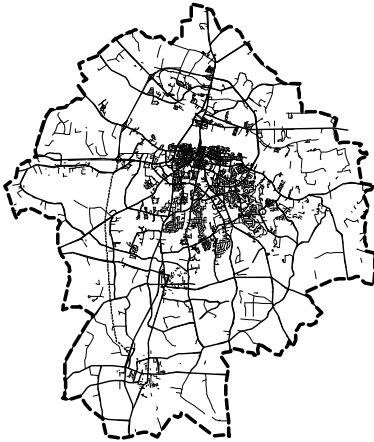
2009. Phase II which will consist of the segment of Hwy 43 from B's BBQ Road to the overpass at Hwy 264 is on schedule for August 2010.

- **Railroad Project** – Funding has come together for this project and results should be seen as early as September 2009.
- **Stimulus Monies** – Monies have been received to fund projects at the Stantonsburg Road/Arlington Boulevard Intersection and for Pedestrian Sidewalk Improvement Projects.

VI. ADJOURNMENT:

There was no other business or discussion. Mayor Tripp made a motion to adjourn the meeting. Mayor Boyd seconded the motion and the motion passed unanimously.

ATTACHMENT 2



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

AMENDMENT TO 2009-2015 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FOR STIMULUS ROADWAY AND SIDEWALK PROJECTS

- Memo From Daryl Vreeland to Wesley B. Anderson
- Resolution 2009-12-GUAMPO

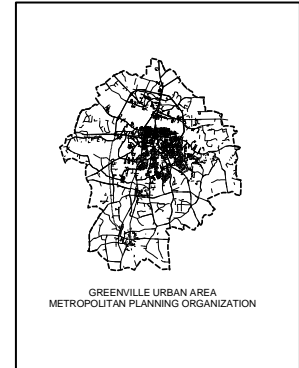
MEMORANDUM

TO: Wesley B. Anderson, TCC Chairman

FROM: Daryl Vreeland, AICP, Transportation Planner

DATE: July 24, 2009

SUBJECT: Amendment to 2009-2015 Metropolitan Transportation Improvement Program (MTIP) for projects U-5060 and U-5061



Due to the receipt of stimulus funding from the American Recovery and Reinvestment Act of 2009, the North Carolina Board of Transportation has amended the 2009-2015 State Transportation Improvement Program (STIP) during their June, 2009 meeting for the inclusion of projects U-5060 and U-5061. Project U-5060 provides for the construction of an additional Left Turn lane at the intersection of Arlington Boulevard and Stantonsburg Road. Project U-5061 provides for the construction of sidewalks as detailed in the resolution under consideration.

To follow the proper protocol for the expenditure of Federal funds, the 2009-2015 MTIP must be amended to correspond with projects in the STIP.

The attached amendment will provide the necessary changes to the 2009-2015 MTIP to allow any expenditure of these funds within the urbanized area. This amendment would place projects U-5060 and U-5061 in the *Urban Projects* section of the MTIP (pages 1 and 2 of the MTIP).

Attached for TAC's consideration is *Resolution 2009-12-GUAMPO*, which details the changes.

For the upcoming TAC meeting, it is requested that the committee approve the amendment to the 2009-2015 MTIP, as recommended by the TCC during their July 14, 2009 meeting.

If you have any questions, please do not hesitate to call me at 329-4476.

Attachments

RESOLUTION NO. 2009-12-GUAMPO
AMENDING THE GREENVILLE URBAN AREA METROPOLITAN
TRANSPORTATION IMPROVEMENT PROGRAM (MTIP) FOR FY 2009-2015

WHEREAS, the Transportation Advisory Committee has reviewed the FY 2009-2015 Metropolitan Transportation Improvement Program (MTIP) and found the need to amend said document for the addition of Project ID U-5160 and U-5161 to match an amendment to the State TIP passed by the Board of Transportation at their June, 2009 meeting. These projects will be funded by the American Recovery and Reinvestment Act of 2009;

WHEREAS, the following amendment has been proposed for the “Urban Projects” section of the MTIP:

Existing MTIP:Existing Amounts

	Total Project Cost (Thousands)	Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Projects not currently in MTIP									

Amended MTIP:Amended Amounts (indicated in bold)

	Total Project Cost (Thousands)	Funding Source	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
U-5160 Greenville, SR 1467 (Stantonsburg Road) at Arlington Boulevard, Pitt County. Construct an additional left turn lane.									
Construction FFY 2009									
	\$225,000	ST	\$225,000						
U-5161 Ayden, Greenville and Winterville, Pitt County. Ayden (Segment A): SR 1149 (Lee Street-Old NC 11) from Country Aire Drive to First Street on west side and from Allen Drive to MLK Drive (Old Venters Road) on west side, construct sidewalk on back side of drainage ditch. Greenville (Segment B): SR 1323 (Arlington Boulevard) from SR 1467 (Stantonsburg Road) to US 13 (Dickinson Avenue) on east side and on NC 43 (Charles Boulevard) to Red Banks Road on west side, construct sidewalks. Winterville (Segment C): SR 1133 (Main Street) from Graham Street to Railroad Street on south side, construct sidewalk and from SR 1149 (Mill Street) to NC 11 on south side, construct sidewalk on back side of drainage ditch.									
Construction (A) FFY 2009, Construction (B) FFY 2009, Construction (C) FFY 2009									
	\$626,000	STE	(A)\$217,000 (B)\$279,000 (C)\$130,000						

WHEREAS, the Transportation Advisory Committee has found the proposed amendment to be in conformity with the North Carolina State Implementation Plan for Air Quality;

WHEREAS, the MPO certifies that this TIP modification is consistent with the intent of the Greenville Urban Area MPO’s 2035 Long Range Transportation Plan, and

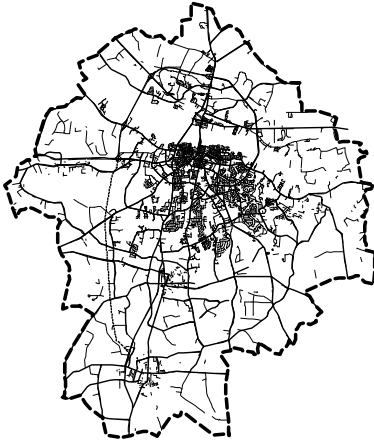
WHEREAS, exempt projects as identified in 40 CFR part 93 can be funded with Economic Recovery Funds and are too small to warrant inclusion in the LRTP, but are by this resolution being included in as part of this TIP modification, and

NOW THEREFORE, be it resolved by the Transportation Advisory Committee that the Greenville Urban Area Metropolitan Transportation Improvement Program for FY 2009-2015, adopted August 12, 2008 by the Greenville Urban Area Metropolitan Planning Organization shall be amended as listed above on this the 11th day of August, 2009.

Mayor Patricia C. Dunn, Chairperson
Transportation Advisory Committee
Greenville Urban Area

Amanda Braddy, Secretary

ATTACHMENT 3



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

ADOPTION OF THE TRAVEL DEMAND MODEL NETWORK, TRAFFIC ANALYSIS ZONES (TAZ), AND SOCIOECONOMIC DATA USED AS MODEL INPUTS

- Memo From Daryl Vreeland to Wesley B. Anderson
- Resolution 2009-13-GUAMPO

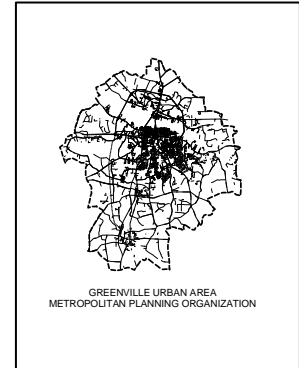
MEMORANDUM

TO: Wesley B. Anderson, TCC Chairman

FROM: Daryl Vreeland, AICP, Transportation Planner

DATE: July 24, 2009

SUBJECT: Adoption of July 2009 Update to the Greenville Urban Area Travel Demand Model



The North Carolina Department of Transportation (NCDOT) has worked in cooperation with the MPO to update the travel demand model for the Greenville Urban Area. The travel demand model is a tool for forecasting impacts of urban developments on travel patterns as well as testing various transportation alternative solutions to traffic patterns for the urbanized area.

The MPO's previous travel demand model was developed by NCDOT in the 1990's and used a different software platform. The previous model had a base year of 1996 and a forecast year of 2025. To meet federal requirements in future planning efforts, the model was updated using the year 2000 decennial Census data with a base year of 2006 (with some minor modifications and technical updates in July 2009) and a design year of 2035. The updated travel demand model has been developed in the TransCAD software package with a new interface.

As part of the recent updates, the model was modified to include a more accurate Traffic Analysis Zone (TAZ) structure to better simulate area conditions. These modifications were coordinated between representatives from the MPO-member communities and NCDOT.

The MPO is required to adopt the newly revised travel demand model as part of its update of the Long Range Transportation Plan.

Attached for TAC's consideration is *Resolution 2009-13-GUAMPO*, stating the MPO's adoption of the updated model network, Traffic Analysis Zones (TAZ), and socioeconomic data (the model's input parameters) that will be used in the travel demand model.

It is requested that the TAC approve the attached resolution adopting the revised travel demand model, as recommended by the TCC during their July 14, 2009 meeting.

If you have any questions, please do not hesitate to call me at 329-4476.

Attachments

**RESOLUTION NO. 2009-13-GUAMPO
ADOPTING TRAFFIC ANALYSIS ZONES, NETWORK CHANGES, AND
SOCIOECONOMIC DATA FOR THE GREENVILLE URBAN AREA METROPOLITAN
PLANNING ORGANIZATION'S TRAVEL DEMAND MODEL**

WHEREAS, the United States Code of Federal Regulations (CFR 450.322) requires that the Greenville Urban Area Metropolitan Planning Organization prepare and update its Long Range Transportation Plan; and

WHEREAS, the United States Code of Federal Regulations (CFR 450.322) specifies that the validity and consistency of the updated plan be confirmed by current and forecasted transportation, land use conditions, and trends; and

WHEREAS, the Greenville Urban Area Metropolitan Planning Organization (GUAMPO), adopted the Urban Area Boundary and Metropolitan Area Boundary by resolution on February 18, 2003, which has been reviewed and coordinated by the North Carolina Department of Transportation (NCDOT); and

WHEREAS, the MPO in consultation with NCDOT has approved select changes to Traffic Analysis Zones, socioeconomic data, and model network that best represents conditions within the MPO study area; and

WHEREAS, the Greenville Urban Area Metropolitan Planning Organization has developed 2006 and 2035 socioeconomic data relating to population and employment for the Greenville Urban Area to be used in the travel demand forecasting model.

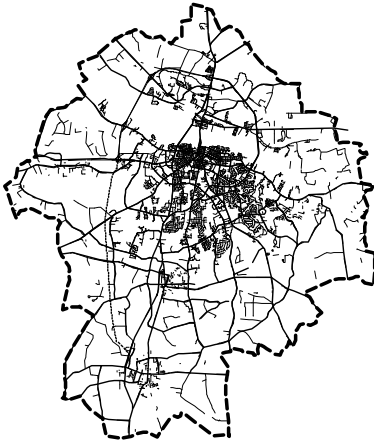
NOW, THEREFORE, BE IT RESOLVED by the Transportation Advisory Committee of the Greenville Urban Area MPO that it does hereby adopt the above referenced socioeconomic data, Traffic Analysis Zones, and model network for the 2006 base year model, 2020 interim year, and 2035 design year travel demand model for the Greenville Urbanized Area.

This 11th day of August, 2009.

Mayor Patricia C. Dunn, Chairperson
Transportation Advisory Committee
Greenville Urban Area

Amanda Braddy, Secretary

ATTACHMENT 4



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

“DRAFT” 2009-2035 LONG RANGE TRANSPORTATION PLAN (LRTP)

- Memo From Daryl Vreeland to Wesley B. Anderson
- Resolution 2009-14-GUAMPO
- “Draft” 2009-2035 LRTP

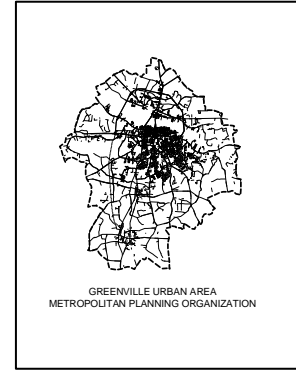
MEMORANDUM

TO: Wesley Anderson, TCC Chairman

FROM: Daryl Vreeland, AICP, Transportation Planner

DATE: July 24, 2009

SUBJECT: 2009-2035 Long Range Transportation Plan Update



Every five years, Metropolitan Planning Organizations are required by federal law to update their long-range transportation plans (LRTP). The Greenville Urban Area Metropolitan Planning Organization last adopted its LRTP in August, 2004. The *2009-2035 Long-Range Transportation Plan* updates the *2004-2030 LRTP* to a Year 2035 planning horizon; summarizes the transportation-related plans, statistics, activities, and programs of the Greenville Urban Area MPO and its member agencies; and includes a financial plan.

The major changes presented in the *2009-2035 LRTP Update* are the new sections added (as required by Federal Regulations), which include discussion of environmental justice and other environmental concerns, as well as potential mitigation efforts on a regional basis for the urbanized area.

The process for updating the 2009-2035 LRTP is as follows:

- The TCC will review and discuss the MPO's attached "Draft" 2009-2035 LRTP. **(Completed)**
- The TAC will consider presenting the "Draft" 2009-2035 LRTP to the public. **(Completed)**
- The Lead Planning Agency (LPA) and NCDOT will revise the "Draft" 2009-2035 LRTP as necessary and make it available for public review and comment. **(Completed)**
- After a 30-day public comment period the "Draft" 2009-2035 LRTP along with public comments will be presented to the TCC for further review and discussion to be recommended to the TAC for consideration and adoption.
- After TAC adoption, the 2009-2035 LRTP will be transmitted to NCDOT.

Development of the "draft" document was coordinated with NCDOT. The "draft" document was presented to Federal Highway Administration for initial input. Their edits and comments have been incorporated within the attached "Draft" 2009-2035 LRTP.

In preparation for the upcoming TAC meeting, it is recommended that committee members review the attached and be prepared to discuss and provide comment on the "Draft" 2009-2035 LRTP.

It is requested that the TAC adopt the "Draft" 2009-2035 LRTP, as recommended by the TCC during their July 14, 2009 meeting.

If you have any questions, do not hesitate to call me at 329-4476.

Attachments

RESOLUTION NO. 2009-14-GUAMPO

ADOPTING THE GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION 2009-2035 LONG RANGE TRANSPORTATION PLAN

WHEREAS, a comprehensive, cooperative, and continuing transportation planning process must be carried out in order to insure that funds for transportation projects are effectively allocated to the Greenville Urban Area;

WHEREAS, the Technical Coordinating Committee and the Transportation Advisory Committee for the Urban Area have prepared a Long Range Transportation Plan for the Urban Area; and

WHEREAS, the Greenville Urban Area Long Range Transportation Plan has at least a 20 year horizon and is fiscally constrained as required by 23 CFR Part 450.322; and

WHEREAS, a 30-day public comment period for the 2009-2035 Long Range Transportation Plan was conducted, in accordance with our Public Involvement Policy as adopted December 2, 2008.

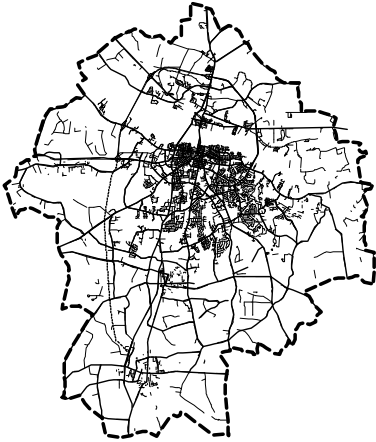
WHEREAS, the Greenville Urban Area Metropolitan Planning Organization Transportation Advisory Committee has reviewed the 2009-2035 Transportation Plan and consider it the transportation plan for the Greenville Metropolitan Planning Area;

NOW THEREFORE, BE IT RESOLVED that the Metropolitan Planning Organization Transportation Advisory Committee hereby adopts the 2009-2035 Long Range Transportation Plan dated this 11th day of August, 2009.

Mayor Patricia C. Dunn, Chairperson
Transportation Advisory Committee
Greenville Urban Area

Amanda Braddy, Secretary

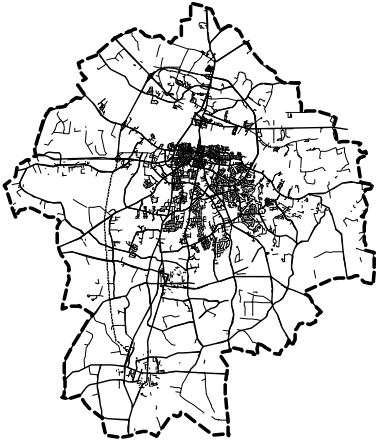
NON-ACTION ITEMS



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

ATTACHMENT 5

ACTIONS TAKEN AT LAST TECHNICAL COORDINATING COMMITTEE (TCC) MEETING



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC) MEETING**

Tuesday, July 14th, 2009, at 10:00 a.m.

Conference Room #337, City Hall

Actions taken in bold italics

- I. Approval of Agenda; ***approved***
- II. Approval of Minutes of May 12, 2009, Meeting (Attachment 1); ***approved***
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- VI. Adjourn