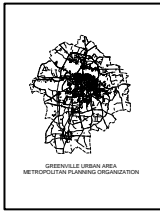


**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
TRANSPORTATION ADVISORY COMMITTEE (TAC) MEETING**

Tuesday, August 9, 2011, at 10:00 a.m.  
Greenville Public Works Conference Room  
*Actions to be taken in bold italics*

- 1) Approval of Agenda; ***approve***
- 2) Approval of Minutes of March 17, 2011, Meeting (Attachment 1); ***approve***
- 3) Public Comment Period
- 4) New Business / Action Items:
  - a) 2012-2018 Transportation Improvement Program (TIP) (Attachment 4a) – Resolution No. 2011-13-GUAMPO; ***recommended for TAC adoption*** p. 9
  - b) Amendment to 2012-2018 TIP for transit projects TO-4726 and TG-5107B – Resolution No. 2011-14-GUAMPO; ***recommended for TAC adoption*** p. 41
  - c) Cost share structure of Travel Demand Model update – Resolution No. 2011-15-GUAMPO; ***recommended for TAC adoption*** p. 43
- 5) Informational Items
  - a) Overview of MPO process and products -- Bill Marley, FHWA
  - b) Presentation on Statewide Long Range Transportation Plan (2040 Plan) – Tyler Bray, NCDOT
- 6) Date, Time, and Place of next TCC/TAC Meetings
 

<b><u>TCC</u></b>	<b><u>TAC</u></b>
October 12, 2011-- 10:00 a.m-noon	November 18, 2011—1:30pm
- 7) Adjourn



# Attachment 1

## Transportation Advisory Committee

### Action Required

August 9, 2011

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TO: Transportation Advisory Committee  
FROM: Daryl Vreeland, AICP, Transportation Planner  
SUBJECT: Minutes from March 17, 2011 TAC meeting

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Purpose: Review and approve the minutes from the previous TAC meeting.

Discussion: The draft minutes of the March 17, 2011 TAC meeting are included as Attachment 1 in the agenda package for review and approval by the TAC.

Action Needed: Adoption of March 17, 2011 TAC meeting minutes.

Attachments: March 17, 2011 TAC meeting minutes.

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
TRANSPORTATION ADVISORY COMMITTEE (TAC) MINUTES  
March 17, 2011**

Members of the Transportation Advisory Committee met on the above date at 1:30 p.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 Steve Tripp, Town of Ayden  
Ms. Leigh McNairy, NCDOT Board Member  
Mr. Tom Johnson, Pitt County

**TECHNICAL COORDINATING COMMITTEE MEMBERS PRESENT:**

Mr. Daryl Vreeland, City of Greenville  
Mr. Wesley Anderson, TCC Chairman  
Mr. James Rhodes, Pitt County  
Mr. Mark Eatman, NCDOT  
Mr. Neil Lassiter, NCDOT  
Mr. Adam Mitchell, Town of Ayden  
Mr. Scott Godefroy, City of Greenville

**OTHERS PRESENT:**

Mr. Wayne Bowers, City Manager, City of Greenville  
Ms. Amanda Braddy, City of Greenville  
Mr. Matt Hayes, Alta/Greenways  
Ms. Jean Morgan, Pitt County Public Health  
Ms. Jo Morgan, Pitt County Public Health

**I. AGENDA:**

The agenda was amended to move item 5H to the beginning of new business followed by item 5C. Mayor Jackson made a motion to accept the agenda as amended. Mr. Tom Johnson seconded the motion and the motion passed unanimously.

**II. MINUTES:**

Ms. McNairy made a motion to approve the minutes of the October 13, 2010 meeting as presented. The motion was seconded by Mayor Jackson, and the motion passed unanimously.

**III. ELECTION OF CHAIRPERSON AND VICE-CHAIRPERSON**

Mayor Jackson made a motion to nominate Mayor Dunn as chairperson. The motion was seconded by Ms. McNairy and passed unanimously.

Ms. McNairy made a motion to nominate Mayor Tripp as vice-chairperson. The motion was seconded by Mayor Jackson and passed unanimously.

#### **IV. PUBLIC COMMENT PERIOD**

There was no public present for comments.

#### **V. NEW BUSINESS/ACTION ITEMS**

##### **A. Self-Certification of Greenville Urban Area Metropolitan Planning Organization Transportation Planning Process**

Mr. Vreeland presented the group with a resolution to adopt the self-certification of Greenville Urban Area MPO Transportation Planning Process. Mr. Vreeland explained that due to the population of the MPO being fewer than 200,000, it is permissible to “self-certify” by completing a Self Certification Checklist and providing it to the North Carolina Department of Transportation (NCOT). The resolution also certifies that the planning process is in compliance with all applicable regulations.

Mayor Tripp made a motion to adopt the resolution as presented. Mayor Jackson seconded the motion and the motion passed unanimously.

##### **B. 2011-2012 Planning Work Program**

Mr. Vreeland explained proposed PWP for the PL-funded planning activities was developed from information provided by representatives of the MPO’s participating communities and NCDOT’s Transportation Planning Branch regarding their State Planning and Research (SPR) activities and budget. The City of Greenville’s Transit Manager provided information regarding future FTA-sponsored planning activities and needs.

Mr. Vreeland also explained that NCDOT has identified that it cannot be sure of funding amounts that will be approved. Thus, funding levels in the current PWP shall serve as guidance for the development of the FY 11-12 PWP. Mr. Vreeland also stated that it may be necessary to have future amendments to the PWP to be consistent with the NCDOT’s available funds. Therefore, MPO-member jurisdictions should not over commit to planning projects in the first half of the fiscal year due to the funding uncertainty.

Mayor Tripp made a motion to adopt the 2011-2012 Planning Work Program as presented. A second was made by Ms. McNairy. The motion passed unanimously.

##### **C. Adoption of Greenville Urban Area MPO Bicycle and Pedestrian Master Plan**

Mr. Vreeland explained that development of the Bicycle and Pedestrian Master Plan began in August 2010. One of the goals of the plan is to create a more pedestrian and bicycle friendly community through a combination of facilities, programs, and policies that address connectivity and safety. Other goals include education, enforcement, and recreation. The plan also addresses multi-modal transportation, community health and wellness, and recreation needs.

Mr. Vreeland further explained that public outreach efforts, including a total of 6 public input workshops, Facebook and Twitter updates, a “Community Walk” online mapping tool available for public use, along with public comment and review period for the draft plan and network were utilized. Presentations were also given to the MPO municipalities.

The Town of Ayden made minor modifications within their City limits to the plan and the recommendation of TCC is to approve adoption of the Bicycle and Pedestrian Master Plan with the modifications made by the Town of Ayden.

A motion was made by Mayor Jackson and seconded by Mayor Tripp to adopt the Bicycle and Pedestrian Master Plan with the modifications identified by the Town of Ayden. A second was made by Mayor Tripp and the motion passed unanimously.

#### **D. MPO cost share of local match responsibilities**

Mr. Vreeland gave details on the cost-sharing methodology of the local match for MPO funding. He explained that compared with other MPOs both across the state and nationwide, Greenville's staffing level was less per capita than those compared. He presented the group with a cost-sharing methodology as recommended by TCC during their March 4, 2011 meeting.

Ms. Leigh McNairy asked Mr. Vreeland if Federal standards were in place regarding staffing levels of MPOs due to their funding of 80%. Mr. Vreeland stated there were no standards.

Mayor Tripp asked who supervises the current position and who would supervise any subsequent positions. Mr. Anderson explained with the City of Greenville being the lead planning agency, it would be the City of Greenville's City Engineer position to oversee the work tasks of the MPO positions. Mr. Bowers also commented that any input from the MPO members would be welcome in the evaluation of the positions.

Mr. Johnson commented that he would not be able to vote to allocate funding for a new position as current vacant positions with Pitt County are unfunded and he feels the justification for hiring an outside position would need to be supported by all Pitt County Commissioners.

A motion was made by Mayor Tripp to employ one new position and increment the costs of both MPO positions as recommended by TCC at their March 4, 2011 meeting contingent upon approval by the municipality's governing boards financial approval. A second was made by Mayor Jackson and the motion passed by majority with a vote against by Mr. Johnson.

#### **E. Update prioritization of "shovel-ready" projects**

Mr. Vreeland gave an update on the "shovel-ready" project priority lists. He explained that there were no recent actions concerning any further Federal stimulus funding; however, should there be a call for prioritized stimulus projects similar to the 2009 American Recovery and Reinvestment Act (ARRA) Stimulus Act, it is in the MPO's best interest to have updated and approved priority lists.

A motion was made by Mayor Tripp and seconded by Ms. McNairy to accept the list of "shovel-ready" projects as presented and recommended by TCC at their January 20, 2011 meeting. The motion passed unanimously.

#### **F. Proposed modifications to the 2009-2015 Metropolitan Transportation Improvement Program (MTIP) for inclusion of "shovel-ready" projects**

Mr. Vreeland explained that with the adoption of the update of priority "shovel-ready"

projects in Item 5E above, the 2009-2015 MTIP for inclusion of the projects was necessary. Mr. Vreeland stated in accordance with Federal requirements, the 2009-2015 MTIP must be amended to include the referenced projects for the expenditure of Federal funds. NCDOT will be responsible for amending the State Transportation Improvement Program (STIP) in the event a project receives funding.

Mr. Vreeland also explained that a 30-day public comment period was advertised prior to the March 17, 2011 TAC meeting and no comments were received.

A motion was made by Mayor Jackson to adopt the proposed modifications to the 2009-2015 MTIP for inclusion of the “shovel-ready” projects. A second was made by Ms. McNairy and the motion passed unanimously.

#### **G. Greenville Urban Area Metropolitan Planning Organization 2011-2012 Candidate projects for Transportation Improvement Priorities**

Mr. Vreeland informed the group NCDOT released a new methodology and tentative timeline on developing the bi-annual transportation project priorities list. MPO staff has received additional guidance on the process since then and it significantly changes the process that was briefed to the TCC at their January 20, 2011 meeting.

NCDOT’s new process now provides MPO’s NCDOT’s quantitative score for each project an MPO is submitting for consideration in the State’s Transportation Improvement Plan (TIP) prior to the MPO’s assignment of points to those projects through the prioritization process. This change impacts the process for both the TCC and the TAC. The critical change for the MPO is that it must now submit its list of projects in March and will submit a prioritization of that list (by assignment of points) in October, 2011.

This new process/schedule provides the MPO the opportunity to prioritize the projects to maximize the points these projects earn which increase their potential for funding.

One critical change to the new system is that NCDOT has established a formal system for MPO’s to use in prioritizing their projects. Each MPO is given a total of 1300 points that can be spread among all of the highway transportation projects. Each project can be given no more than 100 points by an MPO. It is through this mechanism that MPO’s will effectively “rank” candidate projects.

Mr. Adam Mitchell asked if resurfacing projects would be included in the modernization process. Mr. Neil Lassiter stated that those projects do not qualify as modernization and should be submitted to the division office as is currently the practice.

A motion was made by Mayor Tripp to adopt the resolution for establishing the MPO’s 2011-2012 candidate transportation improvement projects as presented. The motion was seconded by Mayor Jackson and passed unanimously.

#### **H. Support of Pitt County Board of Health Resolution**

Mr. Vreeland presented to TAC members the Pitt County Board of Health’s request for support of resolution recommending a comprehensive strategy to promote healthy eating and active living in Pitt County. Mr. Vreeland explained that TCC recommended adoption of this resolution. Mr. Tom Johnson made a motion to accept

the resolution as presented. Mayor Jackson seconded and the motion passed unanimously.

#### **I. Modifications to Federal Functional Classification Maps**

Mr. Vreeland explained Functional Classification is the process by which streets and highways are grouped into classes (or systems) according to the character of service they are intended to provide. This system is primarily used for: assessing the extent, conditions, and performance of the highway system; as a planning tool for planning activities including Section 134 planning requirements; for appropriation of funds; and to establish jurisdictional responsibility and design criteria. Mr. Vreeland also explained that the maps must be approved by the NCDOT before adoption was complete.

Mayor Jackson made a motion to adopt the modifications of the Federal Functional Classification maps as presented. Ms. McNairy seconded the motion and the motion passed unanimously.

#### **J. Amendments to the 2009-2015 Metropolitan Transportation Improvement Program for projects TD-4716B (Intermodal Center) and TA-4773 (expansion busses)**

Mr. Vreeland updated TAC on the amendments to the 2009-2015 MTIP for the Intermodal Center and expansion busses. Mr. Vreeland explained to provide funding for the development of the City of Greenville's Intermodal Transportation Center, the City must submit an application for design, land acquisition, and construction funds to the Federal Transit Administration (FTA). In order for the application to be approved by FTA it must reflect the approved MTIP and STIP.

Mayor Tripp made a motion to adopt the amendments as presented. Ms. McNairy seconded and the motion passed unanimously.

#### **K. Selection of top two urban loop segments for NCDOT analysis**

Mr. Vreeland explained the Board of Transportation (BOT) requested NCDOT staff to undertake a limited urban loop segment analysis of the remaining loop projects to be constructed. This request reflected concern that more expensive yet-to-be completed urban loop projects were done by remaining TIP loop project limits and not by individual segments. NCDOT has committed to keep the schedule of loop projects in the first 5 years of the Work Program intact; therefore, the BOT request will focus on loop segments scheduled for let in 2016 and beyond. The SW Bypass falls into this category.

In following with NCDOT's criteria, the following are possible segmentation options for TAC consideration for the SW Bypass loop project:

Option 1: B+C

Option 2: A+B

Option 3: C (this segment meets selection criteria)

In review, Staff recommendation for TAC approval is Option 1: B+C segmentation.

Mayor Tripp questioned the ability of Hwy 102 to handle the "dump" of traffic that

would result in the terminus of the segmentation in Ayden. Mr. Mitchell also identified this as a concern and further inquired of Mr. Lassiter if the construction would include upgrading of that segment. Mr. Lassiter responded by stating the construction would include a four lane upgrade of Hwy 102 at its terminus of the B section segment completion.

A motion was made by Mayor Tripp to adopt Option 1: B+C segmentation for the top two segments of the SW Bypass project for NCDOT analysis. The motion was seconded by Ms. McNairy and passed unanimously.

#### **L. Mobility Fund project selection**

Mr. Vreeland reported that the North Carolina Mobility Fund was created to relieve congestion and enhance mobility across the state. NCDOT was directed by General Assembly to establish project criteria and a selection process by involving the public and key stakeholders. These requirements along with final project criteria approved by the Board of Transportation must be met before any Mobility Fund dollars may be expended.

After an analysis of the project eligibility requirements and criteria, MPO staff concluded the SW Bypass project is most suited for submission to NCDOT for their future Mobility Fund call for projects. The Intermodal Center was also be considered for submission and will be evaluated by NCDOT.

A motion was made by Mayor Tripp to submit the SW Bypass project along with the Intermodal Center for the Mobility Funds call for projects. Mayor Jackson seconded the motion and the motion passed unanimously.

### **VI. TENTATIVE SCHEDULE OF UPCOMING TCC AND TAC MEETINGS**

#### **TCC**

July 19, 2011 – 10am - Noon

September 6, 2011 – 1:30pm – 3:30pm

#### **TAC**

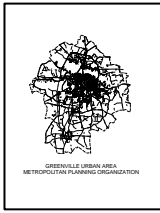
August 9, 2011 – 10am – Noon

October 25, 2011 – 1:30pm – 3:30pm

### **VII. ADJOURNMENT**

There being no further discussion, the meeting adjourned at 3:20 p.m.





## Attachment 4a

### Transportation Advisory Committee

### Action Required

August 9, 2011

TO: Transportation Advisory Committee  
 FROM: Daryl Vreeland, AICP, Transportation Planner  
 SUBJECT: Adoption of 2012-2018 Transportation Improvement Program (TIP)

Purpose: Adopt the 2012-2018 Transportation Improvement Program (TIP).

#### Discussion:

In the August, 2010, the North Carolina Board of Transportation released the “draft” 2012-2018 State Transportation Improvement Program (STIP). NCDOT staff initiated a nine-month public comment period for the draft STIP. Additionally, the “draft” STIP was made available on the City’s web site in August, 2010. A public comment period of at least 10 calendar days as outlined in the Public Involvement Policy for the Greenville Urban Area MPO portion of the “draft” STIP (also known as the “draft” Transportation Improvement Program, or TIP) was also conducted at this time. No public comments were received.

The TAC reviewed the Greenville Urban Area portion of the “draft” STIP at its October 13, 2010 meeting. On November 3, 2010, TAC and TCC chairpersons had a one-on-one meeting with NCDOT at their Raleigh, NC office to provide comments on the Greenville portion of the draft STIP.

The North Carolina Board of Transportation adopted the STIP at its July 2011 meeting. Following approval of the STIP, the Greenville Urban Area’s TIP was made available.

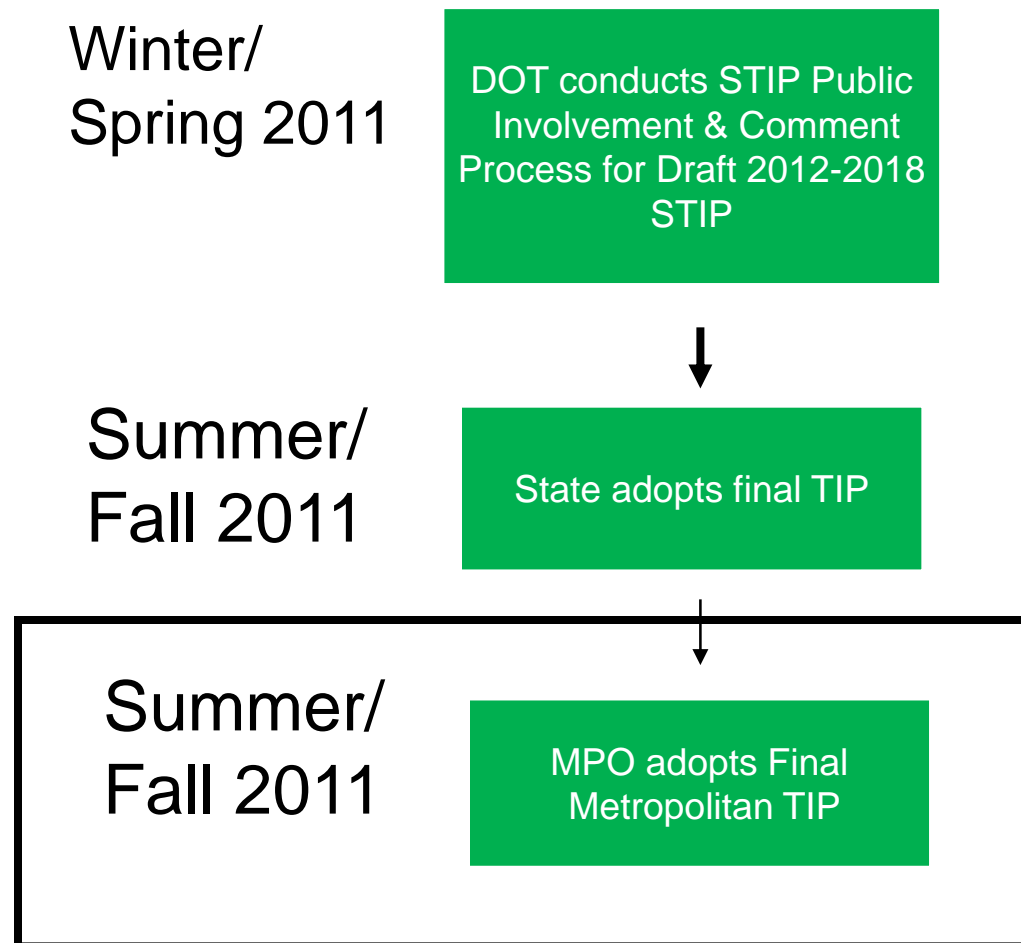
Action Needed: Adopt resolution 2011-13-GUAMPO which adopts the 2012-2018 TIP. TCC recommended adoption at their July 19, 2011 meeting.

#### Attachments:

- A chart depicting the STIP/TIP process
- Resolution 2011-13-GUAMPO adopting the 2012-2018 TIP
- A comparison of the “Draft” 2012-2018 STIP to the final Board of Transportation-adopted 2012-2018 STIP for the Greenville Urban Area MPO, identifying the changes in the two programs (this includes a one-page summary sheet in addition to a project-by-project comparison).
- The 2012-2018 TIP document, which includes the Greenville Urban Area MPO projects and statewide projects that may take place within our MPO area. The attached document lists projects programmed in a ten year format consistent with the investment strategy outlined in NCDOT’s 10 Year Program and Resource Plan. The projects programmed for delivery during the seven year TIP cycle (state fiscal years 2012-2018) are shaded in grey.

# Two-Year Transportation Improvement Program Process

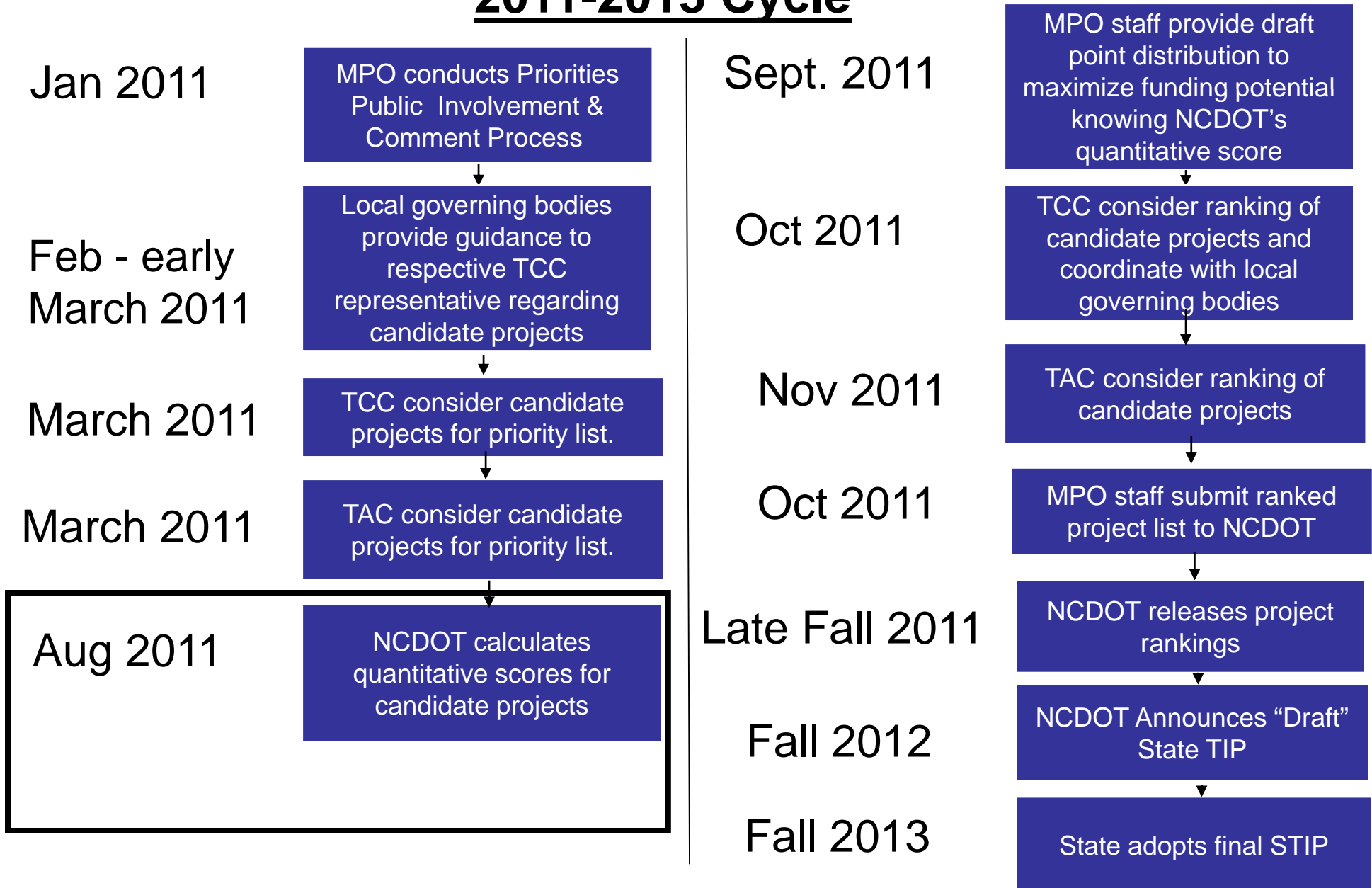
## Steps remaining from 2009-2011 Cycle



# Two-Year Transportation Improvement Program Process

## Tentative Timeline

### 2011-2013 Cycle



**RESOLUTION NO. 2011-13-GUAMPO**  
**ADOPTING THE GREENVILLE URBAN AREA METROPOLITAN PLANNING**  
**ORGANIZATION TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2012-2018**

WHEREAS, the Transportation Advisory Committee for the Greenville Urban Area has found that the Greenville Urban Area Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607; and

WHEREAS, the Transportation Advisory Committee has found the Metropolitan Transportation Improvement Program to be in full compliance with title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and

WHEREAS, the Transportation Advisory Committee has considered how the Metropolitan Transportation Improvement Program will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded projects (Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23); and

WHEREAS, the Transportation Advisory Committee has considered how the Metropolitan Transportation Improvement Program will affect the elderly and disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations; and

WHEREAS, the Long Range Transportation Plan (LRTP) has a planning horizon year of 2035, and meets all the requirements of an adequate LRTP; and

WHEREAS, the Transportation Advisory Committee has provided for a formal 30-day public comment period for the proposed Transportation Improvement Program; and

WHEREAS, the Transportation Advisory Committee has solicited public and private transportation provider comments;

NOW THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee for the Greenville Urban Area adopts the FY 2012-2018 Transportation Improvement Program dated August 9, 2011, for the Greenville Urban Area Metropolitan Planning Organization on this the 9th day of August, 2011.

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

\_\_\_\_\_  
Amanda J. Braddy, Secretary

## Major changes from Draft 2012-2018 STIP to Final 2012-2018 STIP

## HIGHWAY PROJECTS

SW Bypass: (from NC11 to US264 Bypass)

	Draft 2012-2018 STIP	Final 2012-2018 STIP
ROW:	ROW: FY 18-20	ROW: FY 16(C), 18(B), 20(A)
Construction:	unfunded	Section C: Partially scheduled for FY20 (not technically in TIP) Section A,B, & remaining portion of C: unfunded <b>(NO change from previous update of March, 2011)</b>

10<sup>th</sup> Street Connector (between NC11 and Evans St):

	Draft 2012-2018 STIP	Final 2012-2018 STIP
ROW:	FY 12-13	FY 12-13
Construction:	FY 14-16	FY 14

## RAIL PROJECTS

Track Improvements at Norfolk Southern and CSX Transportation Railroads

	Draft 2012-2018 STIP	Final 2012-2018 STIP
ROW:	In Progress	N/A
Construction:	In Progress	FY12-13

# COMPARE REPORT

# GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION PROGRAM

PROGRAMS  
 \* STATE CASH FLOW \*  
 \* FED CASH FLOW \*  
 \* INTRASTATE \*  
 \* LOOPS \*  
 \* UNFUNDED \*  
 \* FEASIBILITY \*

Comparison of Final 2012-2018 TIP vs Draft 2012-2018 TIP

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED								
							STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED								
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED								
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS								
<b>2012-2020 TIP (June 2011)</b>																									
NC 33	EDGEcombe PITT	R-3407	NC 33, US 64 SOUTHEAST OF TARBORO TO US 264 BYPASS IN GREENVILLE. WIDEN TO A MULTI-LANE FACILITY.	95360	2260	STP									R	3300	A	R	3300	A					
						STP															C	21300	A		
						STP																R	9100	B	
						STP																C	29000	B	
						STP																R	5800	C	
						STP																C	21300	C	
PLANNING/DESIGN IN PROGRESS																									
<b>2011-2020 Draft STIP (August 2010)</b>																									
NC 33	EDGEcombe PITT	R-3407	US 64 SOUTHEAST OF TARBORO TO US 264 BYPASS IN GREENVILLE. WIDEN TO A MULTI-LANE FACILITY.	95360	2260	STP									R	3300	A	R	3300	A					
						STP																C	21300	A	
						STP																R	9100	B	
						STP																C	29000	B	
						STP																R	5800	C	
						STP																C	21300	C	
PLANNING/DESIGN IN PROGRESS																									
<b>2012-2020 TIP (June 2011)</b>																									
NC 11/NC 903 GREENVILLE SOUTHWEST BYPA	PITT	R-2250	NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS, NC 11 TO US 264 GREENVILLE BYPASS. FOUR LANE DIVIDED FACILITY ON NEW LOCATION WITH BYPASS OF WINTERVILLE.	223377	10565	T												R	12300	A					
						T																C	24600	A	
						T												R	12300	B					
						T																M	149	B	
						T																C	49900	B	
						T									R	26300	C								
						T												M	163	C					
						T																C	21775	C	
PLANNING/DESIGN IN PROGRESS																									
<b>2011-2020 Draft STIP (August 2010)</b>																									
GREENVILLE NC 11-903	PITT	R-2250	GREENVILLE SOUTHWEST BYPASS, NC 11 TO US 264 GREENVILLE BYPASS. FOUR LANE DIVIDED FACILITY ON NEW LOCATION WITH BYPASS OF WINTERVILLE.	228153	10541	T									R	12300	A								
						T																C	11667	A	
						T												R	12300	B					
						T																M	149	B	
						T																			
						T																R	13150	C	
						T																M	163	C	
						T																C	87100	C	
PLANNING/DESIGN IN PROGRESS																									
<b>2012-2020 TIP (June 2011)</b>																									
NC 43	PITT	U-5018	NC 43, US 264 TO US 13/NC 11 (MEMORIAL DRIVE) IN GREENVILLE. WIDEN TO A FOUR-LANE DIVIDED FACILITY.	17079	17079																				
<b>2011-2020 Draft STIP (August 2010)</b>																									
GREENVILLE	PITT	U-5018	NC 43, US 264 TO US 13-NC 11 (MEMORIAL DRIVE). WIDEN TO A FOUR-LANE DIVIDED FACILITY.	26815	18015	S	C	8800	A																
<b>2012-2020 TIP (June 2011)</b>																									
SR 1708 FIRE TOWER ROAD EXTENSION	PITT	U-5006	SR 1708 (FIRE TOWER ROAD) EXTENSION, SR 1127 (FROG LEVEL ROAD) TO NC 11/NC 903 IN GREENVILLE. CONSTRUCT MULTI-LANE FACILITY, PART ON NEW LOCATION.	21100	600	STP																R	3200		
						STP																			
PLANNING/DESIGN IN PROGRESS																									
<b>2011-2020 Draft STIP (August 2010)</b>																									
GREENVILLE	PITT	U-5006	FIRE TOWER ROAD EXTENSION, SR 1127 (FROG LEVEL ROAD) TO NC 11-903. CONSTRUCT MULTI-LANE FACILITY, PART ON NEW LOCATION.	20500		STP																R	3200		
						STP																			
PLANNING/DESIGN IN PROGRESS																									

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS			
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM								
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020				
<b>2012-2020 TIP (June 2011)</b>																				
SR 1700	PITT	U-2817	SR 1700 (EVANS STREET AND OLD TAR ROAD), SR 1711 (WORTHINGTON ROAD) IN WINTERVILLE TO US 264A (GREENVILLE BOULEVARD) IN GREENVILLE. WIDEN TO MULTI-LANES.	24861	2261	STP										R	3400			
EVANS STREET/						STP											C	6400	C	12800
OLD TAR ROAD																				
<b>2011-2020 Draft STIP (August 2010)</b>																				
GREENVILLE	PITT	U-2817	SR 1700 (EVANS STREET AND OLD TAR ROAD), SR 1711 (WORTHINGTON ROAD) IN WINTERVILLE TO US 264A (GREENVILLE BOULEVARD). WIDEN TO MULTI-LANES.	24861	2261	STP										R	3400			
						STP											C	6400	C	12800
<b>2012-2020 TIP (June 2011)</b>																				
SR 1467	PITT	U-5212	SR 1467 (STANTONSBURG ROAD), US 13/NC 11 TO END OF CURB AND GUTTER, MILL AND RESURFACE AND FROM END OF CURB AND GUTTER TO SR 1204, RESURFACE.	1100	1100															
STANTONSBURG																				
ROAD																				
<b>2011-2020 Draft STIP (August 2010)</b>																				
SR 1467	PITT	U-5212	US 13-NC 11 TO END OF CURB AND GUTTER, MILL AND RESURFACE AND FROM END OF CURB AND GUTTER TO SR 1204, RESURFACE.	1100	1100															
STANTONSBURG																				
ROAD																				
<b>2012-2020 TIP (June 2011)</b>																				
STANTONSBURG R	PITT	U-3315	STANTONSBURG ROAD/TENTH STREET CONNECTOR, MEMORIAL DRIVE TO SR 1702 (EVANS STREET) IN GREENVILLE. MULTI-LANES, SOME NEW LOCATION WITH GRADE SEPARATION AT CSX TRANSPORTATION SYSTEM.	36200	1600	STP		R	1204	R	1204									
TENTH STREET						C		R	3000	R	3000									
CONNECTOR						HP		R	3296	R	3296									
						STP					C	19600								
<b>2011-2020 Draft STIP (August 2010)</b>																				
GREENVILLE	PITT	U-3315	STANTONSBURG ROAD/TENTH STREET CONNECTOR, MEMORIAL DRIVE TO SR 1702 (EVANS STREET). MULTI-LANES, SOME NEW LOCATION WITH GRADE SEPARATION AT CSX TRANSPORTATION SYSTEM.	35466	866	STP		R	1204	R	1204									
						C		R	3000	R	3000									
						HP		R	3296	R	3296									
						STP					C	6534	C	6533		C	6533			
<b>2012-2020 TIP (June 2011)</b>																				
US 264	PITT	FS-1002B	US 264 (GREENVILLE BOULEVARD), NC 11 TO NC 33. WIDEN AND IMPROVE INTERSECTIONS.																	
GREENVILLE BOUL																				
<b>2011-2020 Draft STIP (August 2010)</b>																				
US 264 (GREENVILL	PITT	FS-1002B	NC 11 TO NC 33. WIDEN AND IMPROVE INTERSECTIONS.																	
BOULEVARD)																				
<b>2012-2020 TIP (June 2011)</b>																				
US 13	PITT	B-4786	TAR RIVER. REPLACE BRIDGE NO. 38	8530	230	FA										R	1000			
						FA											C	7300		
<b>2011-2020 Draft STIP (August 2010)</b>																				
US 13	PITT	B-4786	TAR RIVER. REPLACE BRIDGE NO. 38	11890	230	FA										R	1000			
						FA											C	5330	C	5330
<b>2012-2020 TIP (June 2011)</b>																				
NC 33	PITT	B-5418	JOHNSON MILL RUN. REPLACE BRIDGE NO. 50	700		FA				R	100									
						FA				C	600									
<b>2011-2020 Draft STIP (August 2010)</b>																				

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS											
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM																
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020												
<b>2012-2020 TIP (June 2011)</b>																												
NC 903	PITT	B-4232	SWIFT CREEK. REPLACE BRIDGE NO. 9	782	782																							
<b>2011-2020 Draft STIP (August 2010)</b>																												
NC 903	PITT	B-4232	SWIFT CREEK. REPLACE BRIDGE NO. 9	782	257	FA	C	525																				
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																												
BRIDGE PURCHASE ORDER CONTRACT (BPOC)																												
<b>2012-2020 TIP (June 2011)</b>																												
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BD-5102	DIVISION 2 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	30740	4065	NFA		R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500			
PART UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																												
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BD-5102	DIVISION 2 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	32065	2000	NFA	R	240	R	200	R	200	R	200	R	200	R	300	R	400	R	400	R	400	R	500		
PART UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																												
<b>2012-2020 TIP (June 2011)</b>																												
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BF-5302	SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 2.	200	20	NFA		PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20			
<b>2011-2020 Draft STIP (August 2010)</b>																												
<b>2012-2020 TIP (June 2011)</b>																												
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BL-5502	BRIDGE IMPROVEMENTS IN DIVISION 2.	100		S		PE	100																			
<b>2011-2020 Draft STIP (August 2010)</b>																												



LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS				
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM									
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020					
<b>2012-2020 TIP (June 2011)</b>																					
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BS-5402	SCREEN AND EVALUATE POTENTIAL STATE FUNDED BRIDGE PROJECTS DIVISION 2.	200	20	S		PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20	PE 20				
<b>2011-2020 Draft STIP (August 2010)</b>																					
<b>2012-2020 TIP (June 2011)</b>																					
SR 1724	PITT	B-5214	EAST BRANCH OF SWIFT CREEK. REPLACE BRIDGE NO. 37	843	843																
EMMA CANNON RO																					
<b>2011-2020 Draft STIP (August 2010)</b>																					
SR 1724	PITT	B-5214	EAST BRANCH OF SWIFT CREEK. REPLACE BRIDGE NO. 37	640	90	S	C 550														
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																					
BRIDGE PURCHASE ORDER CONTRACT (BPOC)																					
<b>2012-2020 TIP (June 2011)</b>																					
SR 1715	PITT	B-4603	FORK SWAMP. REPLACE BRIDGE NO. 29	1051	60	NFA															
JACK JONES ROAD																					
<b>2011-2020 Draft STIP (August 2010)</b>																					
<b>2012-2020 TIP (June 2011)</b>																					
SR 1401	PITT	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE NO. 95	1247	40	NFA		R 200													
OLD RIVER ROAD																					
<b>2011-2020 Draft STIP (August 2010)</b>																					
SR 1401	PITT	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE NO. 95	1197	40	NFA		R 200													
<b>2011-2020 Draft STIP (August 2010)</b>																					
<b>2012-2020 TIP (June 2011)</b>																					
SR 1418	PITT	B-4788	JOHNSON MILL RUN. REPLACE BRIDGE NO. 171	910	60	NFA															
STATON HOUSE ROAD																					
<b>2011-2020 Draft STIP (August 2010)</b>																					
<b>2012-2020 TIP (June 2011)</b>																					
SR 1900	PITT	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE NO. 154	950	950																
WEYERHAEUSER ROAD																					
<b>2011-2020 Draft STIP (August 2010)</b>																					
SR 1900	PITT	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE NO. 154	981	100	NFA	R 80														
UNDER CONSTRUCTION - PART OF BD-5102																					
DIVISION 2 PILOT PROJECT																					
<b>2012-2020 TIP (June 2011)</b>																					
GREENVILLE	PITT	B-5100	KING GEORGE ROAD OVER MEETING HOUSE BRANCH IN GREENVILLE. REPLACE BRIDGE NO. 421	40	40																
<b>2011-2020 Draft STIP (August 2010)</b>																					
GREENVILLE	PITT	B-5100	KING GEORGE ROAD OVER MEETING HOUSE BRANCH. REPLACE BRIDGE NO. 421	40	40																
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY																					
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY																					

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS		
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM							
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
<b>2012-2020 TIP (June 2011)</b>																			
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 2 PROJECT MITIGATION.	1106	1106														
<b>2011-2020 Draft STIP (August 2010)</b>																			
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 2 PROJECT MITIGATION.																
IN PROGRESS																			
<b>2012-2020 TIP (June 2011)</b>																			
GREENVILLE	PITT	EB-4702	SOUTH TAR RIVER GREENWAY, SOUTH OF TAR RIVER FROM TOWN COMMONS TO GREEN MILL RUN GREENWAY IN GREENVILLE. CONSTRUCT GREENWAY.	2850	2850														
<b>2011-2020 Draft STIP (August 2010)</b>																			
GREENVILLE	PITT	EB-4702	SOUTH TAR RIVER GREENWAY, SOUTH OF TAR RIVER FROM TOWN COMMONS TO GREEN MILL RUN GREENWAY. CONSTRUCT GREENWAY.	2488	2488														
UNDER CONSTRUCTION																			
<b>2012-2020 TIP (June 2011)</b>																			
GREENVILLE	PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK IN GREENVILLE. CONSTRUCT GREENWAY.	1375		HP													
<b>2011-2020 Draft STIP (August 2010)</b>																			
GREENVILLE	PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK. CONSTRUCT GREENWAY.	1375		STPEB													
<b>2012-2020 TIP (June 2011)</b>																			
GREENVILLE	PITT	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER TO US 13 IN GREENVILLE. CONSTRUCT GREENWAY.																
<b>2011-2020 Draft STIP (August 2010)</b>																			
GREENVILLE	PITT	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER TO US 13. CONSTRUCT GREENWAY.																
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY BY CITY																			
<b>2012-2020 TIP (June 2011)</b>																			
SR 1711 WORTHINGTON RO	PITT	W-5102	SR 1711 (WORTHINGTON ROAD), SR 1700 (OLD TAR ROAD) TO NC 43. VARIOUS SAFETY IMPROVEMENTS.	1012	1012														
<b>2011-2020 Draft STIP (August 2010)</b>																			
SR 1711 WORTHINGTON RO	PITT	W-5102	SR 1700 (OLD TAR ROAD) TO NC 43. VARIOUS SAFETY IMPROVEMENTS.	1350		HES	C	1350											

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	STATE TRANSPORTATION IMPROVEMENT PROGRAM										UNFUNDED FUTURE YEARS
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM					
							FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
<b>2012-2020 TIP (June 2011)</b>																	
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	W-5202	DIVISION 2 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	300	150	HES			R	50							
						HES			C	100							
<b>2011-2020 Draft STIP (August 2010)</b>																	
VARIOUS	BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	W-5202	DIVISION 2 RUMBLE STRIPS, GUARDRAIL AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	100	100	DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS											
						UNDER CONSTRUCTION - DIVISION PURCHASE ORDER CONTRACT (DPOC)											
<b>2012-2020 TIP (June 2011)</b>																	
SR 1711 WORTHINGTON RO	PITT	W-5504	SR 1711 (WORTHINGTON ROAD), FORK SWAMP. REPLACE BRIDGE NO. 28	525		HES			R	100							
						HES			C	425							
<b>2011-2020 Draft STIP (August 2010)</b>																	
FORMERLY B-4602																	
<b>2012-2020 TIP (June 2011)</b>																	
GREENVILLE	PITT	P-5000	TRACK IMPROVEMENTS AT NORFOLK SOUTHERN AND CSX TRANSPORTATION RAILROADS. STREAMLINE RAIL NETWORK TO MINIMIZE BLOCKING OF HIGHWAY-RAILROAD AT GRADE CROSSINGS.	7700	3100	D			C	2300	C	2300					
<b>2011-2020 Draft STIP (August 2010)</b>																	
GREENVILLE	PITT	P-5000	TRACK IMPROVEMENTS AT NORFOLK SOUTHERN AND CSX TRANSPORTATION RAILROADS. STREAMLINE RAIL NETWORK TO MINIMIZE BLOCKING OF HIGHWAY-RAILROAD AT GRADE CROSSINGS.	3100	3100	IN PROGRESS											

# *THE GREENVILLE URBAN AREA MPO 2012-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)*



GREENVILLE URBAN AREA  
METROPOLITAN PLANNING ORGANIZATION

*Adopted:*

				TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS																			
					FISCAL YEARS																		
COUNTY	ROUTE/CITY/ SYSTEM	ID NUMBER	LOCATION / DESCRIPTION	LENGTH (MILES)	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM																
							5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED							
							FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS							
WAKE	NC 00	R-0000	I-40 TO NC 96 EAST OF HOMETOWN. WIDEN TO A FOUR-LANE FACILITY WITH A BYPASS OF HOMETOWN ON NEW LOCATION. <b>INDICATES INTRASTATE PROJECT</b>	7.3	63,450	250	NHS R	4,000	A														
							NHS M	700															
							NHS U	1,500															
							NHS			C 9,000	A												
							NHS					R 3,000	B										
							NHS							C 5,000	B								
							NHS									C 5,000	B	C 5,000	B				
							NHS											R 10,000	C				
							NHS											C 20,000	C				

**ROUTE NUMBER**  
Listed in order of I, US, NC, SR, CITY or NEW ROUTE

**IDENTIFICATION NUMBER**  
Assigned to each project at conception and remains with project until completion.

**PROJECT BREAKS**  
A — I-40 TO NC 3  
B — NC 3 TO SR 1003  
C — SR 1003 TO NC 96.

**LOCATION / DESCRIPTION** Project termini and a general work description.

**FUNDING** See Highway Funding Key for an explanation of funding categories used for each project phase.

**WORK TYPE (ACTIVITY)**  
Phases of implementation: preliminary engineering, right of way, mitigation, utilities or construction. For other work types or activities see Work Type (Activity) box below.

**ESTIMATED COST** Preliminary engineering, right of way, utility, mitigation and construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates Cash-Flow Funding with proposed work type or activity beginning in the initial scheduled year.

**UNFUNDED FUTURE COMMITMENTS**  
**PROJECT BREAK C**

WORK TYPE (ACTIVITY)
A - Acquisition
AD - Administration
B - Booklets
C - Construction
CG - Construction (GARVEE)
CP - Capital
F - Feasibility Study
G - Grading and Structures
I - Inspections
L - Landscaping
M - Mitigation
MP - Mapping
N - Implementation
O - Operations
P - Paving
PE - Preliminary Engineering
R - Right of way
RG - Right of way (GARVEE)
S - Structure
SG - Structure (GARVEE)
T - Training
U - Utilities

FUNDING KEY FOR HIGHWAY, AVIATION AND DIVISION MANAGED CONSTRUCTION CATEGORIES
APD - Appalachian Development
BOND - Revenue Bond
BRGI - Bridge Inspection
C - City
CMAQ - Congestion Mitigation
DOD - Department of Defense
DP - Discretionary or Demonstration
FA - Bridge Replacement On-Federal-Aid System
FED - Federal Rail Funds
FLPF - Federal Lands Program (Forest Highways)
FLPI - Federal Lands Program (Indian Reservation Roads)
FLPP - Federal Lands Program (Park Roads)
FLRP - Federal Lands Program (Refuge Roads)
HES - High Hazard Safety
HFA - Highway Fund Appropriation
HP - Federal-Aid High Priority
HRRR - High Risk Rural Roads
IM - Interstate Maintenance
IM(E) - Interstate Maintenance Exempt
IMPM - Interstate Preventative Maintenance
L - Local Matching Share
MOB - Mobility Funds
NFA - Bridge Replacement Off-Federal-Aid System
NFAM - Municipal Bridge Replacement Program
NHS - National Highway System
NHS(E) - National Highway System Exempt
NRT - National Recreation Trails
O - Others
PLF - Personal Automobile License Plate Funds
RR - Rail-Highway Safety
S - State
S(E) - State Exempt
SF - State Ferries
SG - Safety Grant
S(M) - State Match
S(5) - State (Highway) Trust Funds
SRTS - Safe Routes to School
STHSR - Stimulus High Speed Rail
STP - Surface Transportation Program
STPDA - Surface Transportation Program - Direct Attributable
STPEB - Surface Transportation Program, Enhancements (Bike)
STPEL - Surface Transportation Program, Enhancements (Local)
STPEP - Surface Transportation Program, Enhancements (Pedestrian)
STPER - Surface Transportation Program, Enhancements (Roadside)
T - Highway Trust Funds
T2001 - State Rail Funds

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING (THOU) SOURCE	FISCAL YEARS										UNFUNDED						
					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FUTURE YEARS							
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020								
<b>RURAL PROJECTS</b>																					
NC 33 EDGECOMBE PITT	R-3407	NC 33, US 64 SOUTHEAST OF TARBORO TO US 264 BYPASS IN GREENVILLE. WIDEN TO A MULTI-LANE FACILITY. (17.9 MILES)	95360	2260	STP																
					STP																
					STP																
					STP																
					STP																
					STP																
A NC 33, US 64 IN TARBORO TO NC 42 AT SCOTT'S CROSSROADS													R	3300	A			R	3300	A	
B NC 33, NC 42 AT SCOTT'S CROSSROADS TO NC 222 AT BELVOIR CROSSROADS																					
C NC 33, NC 222 AT BELVOIR CROSSROADS TO US 264 BYPASS																					
PLANNING/DESIGN IN PROGRESS																					
NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS PITT	R-2250*	NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS, NC 11 TO US 264 GREENVILLE BYPASS. FOUR LANE DIVIDED FACILITY ON NEW LOCATION WITH BYPASS OF WINTERVILLE. (12.2 MILES)	223377	10565	T																
					T																
					T																
					T																
					T																
					T																
					T																
					T																
A NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS, NC 11 TO SOUTH OF NC 102																			R	12300	A
B NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS, SOUTH OF NC 102 TO SOUTH OF SR 1126 (FORLINES ROAD)																					
C NC 11/NC 903 GREENVILLE SOUTHWEST BYPASS, SOUTH OF SR 1126 (FORLINES ROAD) TO US 264 GREENVILLE BYPASS																					
PLANNING/DESIGN IN PROGRESS																					
<b>URBAN PROJECTS</b>																					
NC 43 PITT	U-5018	NC 43, US 264 TO US 13/NC 11 (MEMORIAL DRIVE) IN GREENVILLE. WIDEN TO A FOUR-LANE DIVIDED FACILITY.	17079	17079	A																
					B																
A NC 43, US 264 TO SR 1204 (B'S BARBEQUE ROAD) - UNDER CONSTRUCTION																					
B NC 43, SR 1204 (B'S BARBEQUE ROAD) TO US 13/NC 11 (MEMORIAL DRIVE) - COMPLETE																					
SR 1708 FIRE TOWER ROAD EXTENSION PITT	U-5006	SR 1708 (FIRE TOWER ROAD) EXTENSION, SR 1127 (FROG LEVEL ROAD) TO NC 11/NC 903 IN GREENVILLE. CONSTRUCT MULTI-LANE FACILITY, PART ON NEW LOCATION.	21100	600	STP																
					STP																
A NC 43, US 264 TO SR 1204 (B'S BARBEQUE ROAD) - UNDER CONSTRUCTION																					
B NC 43, SR 1204 (B'S BARBEQUE ROAD) TO US 13/NC 11 (MEMORIAL DRIVE) - COMPLETE																					
PLANNING/DESIGN IN PROGRESS																					
SR 1700 EVANS STREET/ OLD TAR ROAD PITT	U-2817	SR 1700 (EVANS STREET AND OLD TAR ROAD), SR 1711 (WORTHINGTON ROAD) IN WINTERVILLE TO US 264A (GREENVILLE BOULEVARD) IN GREENVILLE. WIDEN TO MULTI-LANES. (3.8 MILES)	24861	2261	STP																
					STP																
A NC 43, US 264 TO SR 1204 (B'S BARBEQUE ROAD) - UNDER CONSTRUCTION																					
B NC 43, SR 1204 (B'S BARBEQUE ROAD) TO US 13/NC 11 (MEMORIAL DRIVE) - COMPLETE																					
PLANNING/DESIGN IN PROGRESS																					

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS										UNFUNDED FUTURE YEARS
						5 YEAR WORK PROGRAM				DEVELOPMENTAL PROGRAM						
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020		
<b>URBAN PROJECTS</b>																
SR 1467 STANTONSBURG ROAD PITT	U-5212	SR 1467 (STANTONSBURG ROAD), US 13/NC 11 TO END OF CURB AND GUTTER, MILL AND RESURFACE AND FROM END OF CURB AND GUTTER TO SR 1204, RESURFACE. (1.73 MILES)	1100	1100												
UNDER CONSTRUCTION																
STANTONSBURG ROAD/ TENTH STREET CONNECTOR PITT	U-3315	STANTONSBURG ROAD/TENTH STREET CONNECTOR, MEMORIAL DRIVE TO SR 1702 (EVANS STREET) IN GREENVILLE. MULTI-LANES, SOME NEW LOCATION WITH GRADE SEPARATION AT CSX TRANSPORTATION SYSTEM. (1.2 MILES)	36200	1600		STP	R	1204	R	1204						
						C	R	3000	R	3000						
						HP	R	3296	R	3296						
						STP			C	19600						
PLANNING/DESIGN IN PROGRESS																
<b>FEASIBILITY STUDIES</b>																
US 264 GREENVILLE BOULEVARD PITT	FS-1002B	US 264 (GREENVILLE BOULEVARD), NC 11 TO NC 33. WIDEN AND IMPROVE INTERSECTIONS.														
SCHEDULED FOR FEASIBILITY STUDY																
<b>FEDERAL BRIDGE PROJECTS</b>																
US 13 PITT	B-4786	TAR RIVER. REPLACE BRIDGE NO. 38	8530	230		FA						R	1000			
						FA						C	7300			
NC 33 PITT	B-5418	JOHNSON MILL RUN. REPLACE BRIDGE NO. 50	700			FA		R	100							
						FA		C	600							
BRIDGE PURCHASE ORDER CONTRACT (DPOC)																
NC 903 PITT	B-4232	SWIFT CREEK. REPLACE BRIDGE NO. 9	782	782												
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BD-5102	DIVISION 2 PURCHASE ORDER CONTRACT BRIDGE REPLACEMENT PROJECTS AT SELECTED LOCATIONS.	30740	4065		NFA	R	200	R	200	R	200	R	200	R	300
						NFA	C	475	C	1800	C	1800	C	1800	C	2700
							R	400	R	400	R	400	R	500		
							C	3600	C	3600	C	3600	C	4500		
PART UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING SOURCE	FISCAL YEARS										UNFUNDED FUTURE YEARS									
					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM														
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020											
<b>FEDERAL BRIDGE PROJECTS</b>																								
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BF-5302	SCREEN AND EVALUATE POTENTIAL FEDERAL FUNDED BRIDGE PROJECTS DIVISION 2.	200	20	NFA	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20			
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BL-5502	BRIDGE IMPROVEMENTS IN DIVISION 2.	100	S	PE	100																		
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	BS-5402	SCREEN AND EVALUATE POTENTIAL STATE FUNDED BRIDGE PROJECTS DIVISION 2.	200	20	S	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20	PE	20			
SR 1724 EMMA CANNON ROAD PITT	B-5214	EAST BRANCH OF SWIFT CREEK. REPLACE BRIDGE NO. 37	843	843																				
UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																								
SR 1715 JACK JONES ROAD PITT	B-4603	FORK SWAMP. REPLACE BRIDGE NO. 29	1051	60	NFA															R	90			
					NFA															M	1			
					NFA																	C	900	

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE



GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
<b>FEDERAL BRIDGE PROJECTS</b>															
SR 1401 OLD RIVER ROAD PITT	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE NO. 95	1247	40	NFA R 200 NFA U 82 NFA C 925										
SR 1418 STATON HOUSE ROAD PITT	B-4788	JOHNSON MILL RUN. REPLACE BRIDGE NO. 171	910	60	NFA NFA								R 75 C 775		
SR 1900 WEYERHAEUSER ROAD PITT	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE NO. 154	950	950											
UNDER CONSTRUCTION - PART OF BD-5102															
<b>MUNICIPAL BRIDGE PROJECTS</b>															
GREENVILLE PITT	B-5100	KING GEORGE ROAD OVER MEETING HOUSE BRANCH IN GREENVILLE. REPLACE BRIDGE NO. 421	40	40											
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY															
<b>MITIGATION PROJECTS</b>															
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 2 PROJECT MITIGATION.	1106	1106											
IN PROGRESS															
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>															
GREENVILLE PITT	EB-4702	SOUTH TAR RIVER GREENWAY, SOUTH OF TAR RIVER FROM TOWN COMMONS TO GREEN MILL RUN GREENWAY IN GREENVILLE. CONSTRUCT GREENWAY. (3 MILES)	2850	2850											
UNDER CONSTRUCTION															
GREENVILLE PITT	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER TO US 13 IN GREENVILLE. CONSTRUCT GREENWAY.													
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY BY CITY															

\* INDICATES INTRASTATE PROJECT Greenville Urban Area MPO TIP Page 5 of 20

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>															
GREENVILLE PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK IN GREENVILLE. CONSTRUCT GREENWAY.	1375		HP C	1375									
<b>HAZARD ELIMINATION PROJECTS</b>															
SR 1711 WORTHINGTON ROAD PITT	W-5102	SR 1711 (WORTHINGTON ROAD), SR 1700 (OLD TAR ROAD) TO NC 43. VARIOUS SAFETY IMPROVEMENTS. (3.7 MILES)	1012	1012											
UNDER CONSTRUCTION															
VARIOUS BEAUFORT CARTERET CRAVEN GREENE JONES LENOIR PAMLICO PITT	W-5202	DIVISION 2 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	300	150	HES R HES C	50 100									
DIVISION PURCHASE ORDER CONTRACT (DPOC) - IN PROGRESS															
SR 1711 WORTHINGTON ROAD PITT	W-5504	SR 1711 (WORTHINGTON ROAD), FORK SWAMP. REPLACE BRIDGE NO. 28	525		HES R HES C	100 425									
FORMERLY B-4602															
<b>PASSENGER RAIL PROJECTS</b>															
GREENVILLE PITT	P-5000	TRACK IMPROVEMENTS AT NORFOLK SOUTHERN AND CSX TRANSPORTATION RAILROADS. STREAMLINE RAIL NETWORK TO MINIMIZE BLOCKING OF HIGHWAY-RAILROAD AT GRADE CROSSINGS.	7700	3100	O C	2300	C	2300							
IN PROGRESS															

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK													
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED				
						FISCAL YEARS													
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS				
<b>INTERSTATE PROJECTS</b>																			
I-95 STATEWIDE	M-0412	CORRIDORS OF THE FUTURE PROGRAM. INTERSTATE MAINTENANCE DISCRETIONARY FUNDS (IMD) FOR IMPROVEMENTS TO I-95 FROM FLORIDA TO VIRGINIA. NORTH CAROLINA TO PROVIDE FUNDS TO ADJOINING STATES UNDER TERMS OF AN AGREEMENT.	16800	16800		IN PROGRESS													
<b>RURAL PROJECTS</b>																			
VARIOUS STATEWIDE	M-0405	STATEWIDE MOWING MAINTENANCE CONTRACTS FOR PROPERTIES ACQUIRED BY NCDOT IN ADVANCE OF STIP PROJECTS.	1372	472	S	N	100	N	100	N	100	N	100	N	100	N	100	N	100
IN PROGRESS																			
VARIOUS STATEWIDE	M-0281	CENTER FOR TRANSPORTATION AND THE ENVIRONMENT.	1500	1500		IN PROGRESS													
VARIOUS STATEWIDE	M-0360	DESIGN SERVICES, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	15980	6980	S	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000
IN PROGRESS																			
VARIOUS STATEWIDE	M-0376	STATEWIDE GEOTECHNICAL STUDIES AND INVESTIGATIONS PROJECT TO COVER NON-PROJECT SPECIFIC WORK.	14900	6800	S	PE	900	PE	900	PE	900	PE	900	PE	900	PE	900	PE	900
IN PROGRESS																			
VARIOUS STATEWIDE	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITIATIVES.	3000	3000		IN PROGRESS													
VARIOUS STATEWIDE	M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	6978	3378	S	PE	400	PE	400	PE	400	PE	400	PE	400	PE	400	PE	400
IN PROGRESS																			
VARIOUS STATEWIDE	M-0392	HYDRAULICS, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.	2800	1360	S	PE	160	PE	160	PE	160	PE	160	PE	160	PE	160	PE	160
IN PROGRESS																			
VARIOUS STATEWIDE	R-8888	STATEWIDE PLANNING FOR TRAFFIC FORECASTING, PRE-TIP PLANNING AND PURPOSE AND NEED STUDIES.	1494	594	S	F	100	F	100	F	100	F	100	F	100	F	100	F	100
IN PROGRESS																			
VARIOUS STATEWIDE	R-4500	ECONOMIC DEVELOPMENT.	15000	5000	S	C	5000	C	5000										
IN PROGRESS																			

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COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS							
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS								
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020									
<b>RURAL PROJECTS</b>																							
VARIOUS STATEWIDE	R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.	41878	19378	STP	N	2500	N	2500	N	2500	N	2500	N	2500	N	2500						
IN PROGRESS																							
VARIOUS STATEWIDE	R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.	34232	16232	STP	C	2000	C	2000	C	2000	C	2000	C	2000	C	2000						
IN PROGRESS																							
VARIOUS STATEWIDE	R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).	103412	67412	STP	C	4000	C	4000	C	4000	C	4000	C	4000	C	4000						
IN PROGRESS																							
VARIOUS STATEWIDE	R-4066	WETLAND RESTORATION PROGRAM. COMPLETION OF WATERSHED ASSESSMENT PLANS IN ALL SEVENTEEN (17) RIVER BASINS TO IDENTIFY WETLAND AND STREAM RESTORATION PROJECTS FOR MITIGATION.	17500	17500																			
IN PROGRESS																							
VARIOUS STATEWIDE	R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).	230792	113792	IM	C	9750	C	9750	C	9750	C	9750	C	9750	C	9750						
IN PROGRESS																							
VARIOUS STATEWIDE	R-4454	IMPROVEMENT PROJECTS THAT FURTHER ECONOMIC GROWTH AND DEVELOPMENT IN SMALL URBAN AND RURAL AREAS.	47000	47000																			
IN PROGRESS																							
VARIOUS STATEWIDE	R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).	375230	195230	STP	C	20000	C	20000	C	20000	C	20000	C	20000	C	20000						
IN PROGRESS																							
VARIOUS STATEWIDE	R-2929	NATIONAL PARKS SERVICE SPOT SAFETY AND SIGN REHABILITATION.	900		FLPP	C	100	C	100	C	100	C	100	C	100	C	100						
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																							
VARIOUS STATEWIDE	R-2930	NATIONAL PARKS SERVICE EMERGENCY PAVEMENT REHABILITATION.	630		FLPP	C	70	C	70	C	70	C	70	C	70	C	70						
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																							
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.	178681	61681	NHS	M	1500	M	1500	M	1500	M	8500	M	7000	M	4000	M	11000	M	12000	M	11500
IN PROGRESS																							
STATEWIDE	M-0428	ADVANCED VEHICLE RESEARCH CENTER (AVRC).	297	297																			
IN PROGRESS																							

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STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS					
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FY 2016		FY 2017	FY 2018	FY 2019	FY 2020	
						FY 2012	FY 2013	FY 2014	FY 2015	FISCAL YEARS											
<b>RURAL PROJECTS</b>																					
STATEWIDE	M-0359	PROGRAM DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH. DEVELOP A PROCEDURES MANUAL.	300	300																	
IN PROGRESS																					
<b>URBAN PROJECTS</b>																					
STATEWIDE	U-4500	ECONOMIC DEVELOPMENT.	3667		S	C	3667														
IN PROGRESS																					
<b>FEDERAL BRIDGE PROJECTS</b>																					
STATEWIDE	B-4693	STATEWIDE SURVEY OF HISTORICAL BRIDGES.	1000	1000																	
IN PROGRESS																					
STATEWIDE	B-9999	BRIDGE INSPECTION PROGRAM.	238572	139572	B	R	G	I	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000
IN PROGRESS																					
STATEWIDE	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.	1500	1500																	
UNDER CONSTRUCTION																					
STATEWIDE	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.	7747	7747																	
UNDER CONSTRUCTION																					
STATEWIDE	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.	1000	1000																	
IN PROGRESS																					
STATEWIDE	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.	5000	5000																	
IN PROGRESS																					
STATEWIDE	BP-5300	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.	129316	54316	F	A	C	2500	2500	2500	2500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
IN PROGRESS																					
STATEWIDE	BR-5100	REHABILITATE BRIDGES AT SELECTED LOCATIONS.	150000		F	A						25000	25000	25000	25000	25000	25000	25000	25000	25000	25000
IN PROGRESS																					
STATEWIDE	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.	3100	3100																	
IN PROGRESS																					
STATEWIDE	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)	5860	5860																	
UNDER CONSTRUCTION																					

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STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING (THOU) SOURCE	5 YEAR WORK PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED							
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS	FUTURE YEARS											
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>																										
VARIOUS STATEWIDE	EB-5130	BICYCLE MAPS AND ROUTES. REVISE, UPDATE, REPRINT MAPS AND SIGN ROUTES.	600	60	STPEB	MP	5	A	MP	5	A	MP	5	A	MP	5	A	MP	5	A						
					STPEB	MP	5	B	MP	5	B	MP	5	B	MP	5	B	MP	5	B						
					STPEB	MP	50	C	MP	50	C	MP	50	C	MP	50	C	MP	50	C						
A NORTH CAROLINA BICYCE HIGHWAY MAPS B LOCAL BICYCLE MAPS C URBAN, REGIONAL AND COUNTY BICYCLE MAPS IN PROGRESS																										
VARIOUS STATEWIDE	EB-5118	STATEWIDE BIKE AND PEDESTRIAN FACILITY DEVELOPMENT.	3331	3331	IN PROGRESS																					
VARIOUS STATEWIDE	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.	9880	8080	STPEB	C	200	C	200	C	200	C	200	C	200	C	200	C	200	C	200					
IN PROGRESS																										
VARIOUS STATEWIDE	EB-4013	SPOT IMPROVEMENTS: SHORT PAVEMENT SECTIONS, BICYCLE RACKS AND SIGNING NEEDS.	3830	2930	STPEB	C	100	C	100	C	100	C	100	C	100	C	100	C	100	C	100					
IN PROGRESS																										
VARIOUS STATEWIDE	EB-2956	STATEWIDE BICYCLE PROGRAM.	13645	9145	STPEB	C	500	C	500	C	500	C	500	C	500	C	500	C	500	C	500					
IN PROGRESS																										
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	5600	4250	STPEB	C	150	C	150	C	150	C	150	C	150	C	150	C	150	C	150					
IN PROGRESS																										
VARIOUS STATEWIDE	EB-2966	SAFETY-EDUCATION PROJECTS.	670	445	STPEB	B	25	B	25	B	25	B	25	B	25	B	25	B	25	B	25					
IN PROGRESS																										
REGIONAL STATEWIDE	EB-4410	AREA-WIDE BICYCLE IMPROVEMENTS FEASIBILITY STUDIES.	200	155	STPEB	F	5	F	5	F	5	F	5	F	5	F	5	F	5	F	5					
IN PROGRESS																										
<b>CONGESTION MITIGATION PROJECTS</b>																										
VARIOUS STATEWIDE	C-5552	RAIL, FOURTH DAILY FREQUENCY BETWEEN RALEIGH AND CHARLOTTE.	11365		CMAQ			O	3052																	
					C			O	610																	
					CMAQ					O	3156															
					C					O	631															
					CMAQ							O	3263													
					C							O	653													

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED	
						FISCAL YEARS										
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS	
<b>CONGESTION MITIGATION PROJECTS</b>																
VARIOUS STATEWIDE	C-3600	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.	6702	6702												
IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																
VARIOUS STATEWIDE	C-4982	TRANSPORTATION OPERATIONS CENTER TO ALLOW COORDINATED STATE AND REGIONAL TRANSPORTATION FUNCTIONS IN CONJUNCTION WITH THE STATE HIGHWAY PATROL COMMUNICATIONS CENTER AND OTHER EMERGENCY SERVICES PROVIDERS.	6900	6900												
IN PROGRESS																
NON-ATTAINMENT AND MAINTENANCE AREAS STATEWIDE	C-5100	SCHOOL BUS DIESEL PARTICULATE FILTER AND CLOSED CASE VENTILATION SYSTEM RETROFITS.	2000	2000												
IN PROGRESS BY DEPARTMENT OF AIR QUALITY																
NORTH CAROLINA DIVISION OF AIR QUALITY STATEWIDE	C-4903	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.	1500	600	CMAQ	N	80	N	80	N	80	N	80	N	80	
						O	N	20	N	20	N	20	N	20	N	20
IN PROGRESS BY DEPARTMENT OF AIR QUALITY																
NORTH CAROLINA STATE UNIVERSITY STATEWIDE	C-4902	NCSU, NORTH CAROLINA SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.	9385	1600	CMAQ			N	2076	N	2076	N	2076			
						O		N	519	N	519	N	519			
IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																
<b>ENHANCEMENT PROJECTS</b>																
VARIOUS STATEWIDE	E-4599	INSTALL RIVER BASIN HIGHWAY SIGNS.	187	187												
IN PROGRESS																
VARIOUS STATEWIDE	E-3821	PRESERVE HISTORIC BRIDGES FROM DEMOLITION.	250	250												
IN PROGRESS																
VARIOUS STATEWIDE	E-4602	GIS ARCHAEOLOGICAL DATABASE. STATEWIDE DATABASE TO CALCULATE ARCHAEOLOGICAL SITES LOCATED WITHIN OR NEAR NCDOT PROJECTS.	750	750												
IN PROGRESS																

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STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS	
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FY 2016		FY 2017
						FY 2012	FY 2013	FY 2014	FY 2015	FISCAL YEARS							
<b>ENHANCEMENT PROJECTS</b>																	
VARIOUS STATEWIDE	E-4603	ECOSYSTEMS ENHANCEMENT PROGRAM. STRUCTURED MITIGATION FOR PROTECTION, ENHANCEMENT AND RESTORATION OF ECOLOGICAL FUNCTIONS AS COMPENSATION FOR PROJECT IMPACTS AT THE WATERSHED	625	625													
PROGRAMMED FOR PLANNING AND PROGRAM DEVELOPMENT ONLY																	
VARIOUS STATEWIDE	E-4018	NATIONAL RECREATIONAL TRAILS.	12645	1845	NRT	C	1200	C	1200	C	1200	C	1200	C	1200		
IN PROGRESS																	
<b>ENHANCEMENT PROJECTS (ROADSIDE)</b>																	
VARIOUS STATEWIDE	ER-3100	PLANTING OF WILDFLOWERS AND PERENNIAL BULBS ON FEDERAL-AID SYSTEM.	17849	12449	STPEL	L	600	L	600	L	600	L	600	L	600		
IN PROGRESS																	
VARIOUS STATEWIDE	ER-2973	ROADSIDE BEAUTIFICATION PROJECTS IN ALL FOURTEEN HIGHWAY DIVISIONS.	62993	35993	STPEL	L	3000	L	3000	L	3000	L	3000	L	3000		
IN PROGRESS																	
VARIOUS STATEWIDE	ER-3101	SPECIAL EVENTS PLANTING STATEWIDE.	13429	9829	STPEL	L	400	L	400	L	400	L	400	L	400		
IN PROGRESS																	
VARIOUS STATEWIDE	ER-3102	IMPLEMENTATION OF STATEWIDE SCENIC BYWAYS PROGRAM.	1781	1106	STPEL	N	75	N	75	N	75	N	75	N	75		
IN PROGRESS																	
VARIOUS STATEWIDE	ER-5100	ROADSIDE ENVIRONMENTAL PROJECTS AND TREE PLANTINGS.	7605	7605													
IN PROGRESS																	
VARIOUS STATEWIDE	ER-3419	NORTH CAROLINA STATE BYWAYS BOOKLET PRINTING.	50	50													
IN PROGRESS																	
VARIOUS STATEWIDE	ER-2971	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.	27358	14758	STPER	C	1400	C	1400	C	1400	C	1400	C	1400		
IN PROGRESS																	
VARIOUS STATEWIDE	ER-3611	COLOR CANOPY AND TREE PLANTING STATEWIDE.	5727	3477	STPEL	L	250	L	250	L	250	L	250	L	250		
IN PROGRESS																	
BLUE RIDGE PARKWAY STATEWIDE	ER-3817	SCENIC ENHANCEMENT AND VIEWSHED PROTECTION. (101.4 MILES)	2200	2200													
IN ACQUISITION																	

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STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS				
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FY 2012		FY 2013	FY 2014	FY 2015	FY 2016
<b>HAZARD ELIMINATION PROJECTS</b>																				
VARIOUS STATEWIDE	SI-4901	NO NEED 2 SPEED SAFETY INITIATIVE. SIGNING, EVALUATION, AND IMPLEMENTATION.	280	280																
IMPLEMENTATION IN PROGRESS																				
VARIOUS STATEWIDE	SI-4900	BLUE STAR MEMORIAL HIGHWAY SIGNING. INSTALL SIGNS AT VARIOUS LOCATIONS STATEWIDE.	250	250																
UNDER CONSTRUCTION																				
VARIOUS STATEWIDE	SI-4735	SAFETY MANAGEMENT INITIATIVES.	1107	1107																
IN PROGRESS																				
VARIOUS STATEWIDE	SI-4902	FREEWAY SIGNING INITIATIVE. INSTALL OR REPLACE CRITICAL DIRECTIONAL SIGNS.	200	200																
UNDER CONSTRUCTION																				
VARIOUS STATEWIDE	W-4447	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.	75829	29029	HES	PE	5200	PE	5200	PE	5200	PE	5200	PE	5200	PE	5200	PE	5200	
IN PROGRESS																				
VARIOUS STATEWIDE	W-5301	LANE DEPARTURE SYSTEMIC IMPROVEMENTS.	50000	5000	HES	C	5000	C	5000	C	5000	C	5000	C	5000	C	5000	C	5000	
VARIOUS STATEWIDE	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.	10000	1000	HES	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	
IN PROGRESS																				
<b>SAFE ROUTES TO SCHOOLS</b>																				
VARIOUS STATEWIDE	SR-5000	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.	1925	1025	SRTS	N	100	N	100	N	100	N	100	N	100	N	100	N	100	
IN PROGRESS																				
VARIOUS STATEWIDE	SR-5001	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL COMSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.	45307	5707	SRTS	R	400	R	400	R	400	R	400	R	400	R	400	R	400	
IN PROGRESS																				
<b>PASSENGER RAIL PROJECTS</b>																				
VARIOUS STATEWIDE	P-5003	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA FAYETTEVILLE.	132357	2356	T2001											C 130001				
RIGHT OF WAY IN PROGRESS																				
VARIOUS STATEWIDE	P-3418	PLANNING, MANAGEMENT AND RESEARCH STUDIES.	14367	7167	T2001	F	800	F	800	F	800	F	800	F	800	F	800	F	800	
IN PROGRESS																				

\* INDICATES INTRASTATE PROJECT Greenville Urban Area MPO TIP Page 13 of 20

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS				
					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FY 2012		FY 2013	FY 2014	FY 2015	FY 2016
		FISCAL YEARS																	
<b>PASSENGER RAIL PROJECTS</b>																			
VARIOUS STATEWIDE	P-3419	SEALED CORRIDOR-SELECTED SEHSRC CROSSINGS. MEDIAN BARRIERS, ARTICULATED GATES, FOUR- QUADRANT GATES, WARNING DEVICE REVISIONS, SIGNAGE AND CAMERA SYSTEMS.	12307	12307															
UNDER CONSTRUCTION																			
VARIOUS STATEWIDE	P-3809	RAILROAD SAFETY INSPECTIONS IN ALL FOURTEEN (14) DIVISIONS.	5810	4460	RR	I	50	I	50	I	50	I	50	I	50	I	50	I	50
					T2001	I	100	I	100	I	100	I	100	I	100	I	100	I	100
IN PROGRESS																			
VARIOUS STATEWIDE	P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	19000	10000	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000
IN PROGRESS																			
VARIOUS STATEWIDE	P-4404	SOUTHEAST HIGH SPEED RAIL CORRIDOR. UPDATE RAIL CROSSING INVENTORY FROM SOUTH CAROLINA STATE LINE TO THE VIRGINIA STATE LINE VIA RALEIGH AND CHARLOTTE AND THE APEX/CARY BYPASS SEGMENT.	800	800															
IN PROGRESS																			
VARIOUS STATEWIDE	P-4702	MAINTENANCE OF RAILROAD TRACK AND SIGNAL IMPROVEMENTS.	14130	6570	T2001	C	840	C	840	C	840	C	840	C	840	C	840	C	840
IN PROGRESS																			
VARIOUS STATEWIDE	P-4700	RAILROAD STATION REHABILITATION PROJECTS.	6900	6900															
IN PROGRESS																			
VARIOUS STATEWIDE	P-3309	AT-GRADE CROSSING ELIMINATION AND IMPROVEMENT PROJECTS, CORRIDOR INVENTORIES AND STUDIES IN ALL FOURTEEN (14) DIVISIONS.	9452	6752	RR	C	150	C	150	C	150	C	150	C	150	C	150	C	150
					T2001	C	150	C	150	C	150	C	150	C	150	C	150	C	150
IN PROGRESS																			

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK										UNFUNDED FUTURE YEARS			
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				FY 2017		FY 2018	FY 2019	FY 2020
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FISCAL YEARS								
<b>PASSENGER RAIL PROJECTS</b>																			
VARIOUS STATEWIDE	P-5005	CONGESTION MITIGATION CROSSOVERS.	27523	495		STHSR PE 425 A													
						STHSR R 503 A													
						STHSR C 5326 A													
						STHSR PE 430 B													
						STHSR R 400 B													
						STHSR C 5941 B													
						STHSR C 4000 C													
						O C 8000 C													
						STHSR PE 12 D													
						STHSR R 11 D													
						STHSR C 967 D													
						STHSR PE 12 D													
						STHSR R 11 D													
						STHSR C 990 D													
						A CAROLINIAN CORRIDOR - CSXT MP A 101.0 (ENFIELD CROSSING) B CAROLINIAN CORRIDOR - CSXT MP A 115.9 (ARMSTRONG CROSSING) C CAROLINIAN CORRIDOR - CSXT MP A 86.4 (SOUTH WELDON CROSSING) D PIEDMONT CORRIDOR - FAIRGROUNDS CROSSING													
IN PROGRESS																			
VARIOUS STATEWIDE	P-5202	ENVIRONMENTAL STUDIES FOR RAIL CAPITAL PROJECTS.	19251	1750	T2001	C 1787	C 1824	C 1863	C 1902	C 1942	C 1982	C 2024	C 2067	C 2110					
IN PROGRESS																			
VARIOUS STATEWIDE	P-5004	SOUTHEASTERN NORTH CAROLINA PASSENGER RAIL SERVICE, RALEIGH TO WILMINGTON VIA GOLDSBORO.	192087	3086	T2001													C 189001	
RIGHT OF WAY IN PROGRESS																			
VARIOUS STATEWIDE	Y-4415	HIGHWAY-RAIL CROSSING INVENTORY.	3075	2625	RR	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50	C 50					
IN PROGRESS																			
VARIOUS STATEWIDE	Y-4100	HIGHWAY-RAIL CROSSINGS SAFETY IMPROVEMENTS AND INVENTORY PASSENGER ROUTES.	15384	6384	RR	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000	C 1000					
UNDER CONSTRUCTION																			
VARIOUS STATEWIDE	Y-4800	TRAFFIC SEPARATION STUDY IMPLEMENTATION AND CLOSURES.	17285	17285															
IN PROGRESS																			
VARIOUS STATEWIDE	Z-5400	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.	12309		RR	C 12309													
VARIOUS STATEWIDE	Z-5300	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.	8500	8500															
IN PROGRESS																			

\* INDICATES INTRASTATE PROJECT Greenville Urban Area MPO TIP Page 15 of 20

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK														
						5 YEAR WORK PROGRAM				DEVELOPMENTAL PROGRAM				UNFUNDED						
						FISCAL YEARS														
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS					
<b>PASSENGER RAIL PROJECTS</b>																				
VARIOUS STATEWIDE	Z-5200	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.				IN PROGRESS - RAIL DIVISION PURCHASE ORDER CONTRACT (RPOC)														
VARIOUS STATEWIDE	Z-4100	HIGHWAY-RAIL CROSSING SAFETY IMPROVEMENTS AND INVENTORY.	9000	9000		IN PROGRESS														
PIEDMONT CORRIDOR STATEWIDE	P-3414	TRAVEL TIME IMPROVEMENTS TO FREIGHT AND PASSENGER RAIL CORRIDORS BETWEEN RALEIGH AND CHARLOTTE AND MATCH FEDERAL FUNDS.	71500	62500	T2001	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	C	1000	
IN PROGRESS																				
STATEWIDE STATEWIDE	Z-5100	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.				IN PROGRESS														
<b>ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)</b>																				
VARIOUS STATEWIDE	K-4704	INTERSTATE REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.	6700	3100	IMP	C	400	C	400	C	400	C	400	C	400	C	400	C	400	
IN PROGRESS																				
<b>ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)</b>																				
VARIOUS STATEWIDE	L-2133	PLANTING OF PERENNIAL BULBS AND WILDFLOWERS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	26960	17060	PLF	L	1100	L	1100	L	1100	L	1100	L	1100	L	1100	L	1100	
IN PROGRESS																				
VARIOUS STATEWIDE	L-2500	COLOR AND CANOPY AND TREE PLANTING.	5743	1243	PLF	L	500	L	500	L	500	L	500	L	500	L	500	L	500	
IN PROGRESS																				
VARIOUS STATEWIDE	L-1000	REPLACEMENT PLANTS AT SELECTED LOCATIONS WITHIN THE 14 HIGHWAY DIVISIONS. LANDSCAPE.	3303	2493	PLF	L	90	L	90	L	90	L	90	L	90	L	90	L	90	
IN PROGRESS																				
VARIOUS STATEWIDE	S-5001	NORTH CAROLINA SCENIC BYWAYS LAND CONSERVATION INITIATIVE TO IMPLEMENT RESOURCE PROTECTION AND HERITAGE TOURISM DEVELOPMENT TO ENHANCE AND PRESERVE SCENIC VISTAS AND TOURISM CORRIDORS ALONG 26 OF NORTH CAROLINA'S SCENIC BYWAYS.	316	316		IN PROGRESS														

STATEWIDE PROJECTS

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST FUNDING SOURCE	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK									
					5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED
					FISCAL YEARS									
					FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
<b>ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)</b>														
VARIOUS STATEWIDE	S-5106	PHASE II : NORTH CAROLINA SCENIC BYWAYS LAND CONSERVATION INITIATIVE TO ADVANCE THE PERMAMENT PROTECTION OF IMPORTANT NATURAL, HISTORIC, CULTURAL AND VISUAL RESOURCES ALONG 25 OF NORTH CAROLINA'S SCENIC BYWAYS.	2744	2744										
IN PROGRESS														

\* INDICATES INTRASTATE PROJECT Greenville Urban Area MPO TIP Page 17 of 20

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

Prior Years include all sources of funds for 2011 & 2012

COUNTY	TRANSIT PARTNERS AND PROVIDERS	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUND SOURCE/ Shares	TYPE OF WORK / ESTIMATED COST IN THOUSANDS FISCAL YEARS													
							STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM				UNFUNDED FUTURE YEARS				
							5 YEAR WORK PROGRAM													
							FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020					
WAKE	AREA TRANSIT	TA-0000	REPLACEMENT BUS - WEST RALEIGH	4,224	200	CMAQ US	C	1,380	C	920	C	920								
						CMAQ STAT	C	172	C	115	C	115								
						CMAQ L	C	172	C	115	C	115								

**DESCRIPTION** - generic program with list of fundable elements plus notes

**FUNDING** See Public Transportation Funding Key for an explanation of funding categories and used for funding source :

**WORK TYPE (ACTIVITY)** distinguishes funding as: capital, operating or administration. For examples see Work Types box below.

**ESTIMATED COST** in this example Some Area Transit plans to use Congestion Mitigation funds to purchase several clean fuel buses over the three year period. Cost are estimates in thousands of current dollars. Projects often include more than one funding source.

WORK TYPE (ACTIVITY)	
<b>A</b> - Administration	
<b>C</b> - Capital	project planning feasibility studies acquisition & right of way prelim. engineering design & construction vehicle purchase routine capital technology safety and security
<b>O</b> - Operating Assistance	
<b>Oc</b> - Capital budget funds supporting operations	preventive maintenance ADA services mobility management CMAQ operating

KEY TO STIP NUMBERING	
<b>C - XXXX</b>	CMAQ - congestion and air quality mitigations, new start ups allow operations
<b>TA-XXXX</b>	EXPANSION/REPLACEMENT VEHICLES ; any vans, paratransit, buses, etc
<b>TD-XXXX</b>	FACILITIES - all types; admin bldg, operation center, park & ride, etc.
<b>TE-XXXX</b>	FIXED GUIDEWAY - Construction & Vehicles
<b>TG-XXXX</b>	ROUTINE CAPITAL - small capital items ; spare parts, bus stop, support veh
<b>TG-XXXXA</b>	ROUTINE CAPITAL - ADA services ; capital budget supporting operations
<b>TG-XXXXB</b>	ROUTINE CAPITAL - Preventive Maintenance; capital to support operations
<b>TI-XXXX</b>	INTERCITY TRANSIT
<b>TJ-XXXX</b>	RURAL EMPLOYMENT
<b>TK-XXXX</b>	RURAL ADMINISTRATION
<b>TL-XXXX</b>	5310 ELDERLY & DISABLED - Operating ; the capital moves to TA,TD,TG,TT
<b>TM-XXXX</b>	JOB ACCESS - Operating Assistance ; the capital moves to TA,TD,TG,TT
<b>TN-XXXX</b>	NEW FREEDOM - Operating Assistance ; the capital moves to TA,TD,TG,TT
<b>TO-XXXX</b>	OPERATIONAL ASSISTANCE
<b>TP-XXXX</b>	PLANNING
<b>TQ-XXXX</b>	RURAL OPERATING ASSISTANCE
<b>TR-XXXX</b>	RURAL GENERAL PUBLIC
<b>TS-XXXX</b>	SAFETY AND SECURITY
<b>TT-XXXX</b>	TECHNOLOGY PROJECTS
<b>TW-XXXX</b>	FIXED GUIDEWAY - Maintenance
<b>TV-XXXX</b>	5310 ELDERLY & DISABLED - Statewide Administrator

KEY TO PUBLIC TRANSPORTATION FUNDING CATEGORIES	
<b>FEDERAL FUNDING</b>	
<b>CMAQ</b> - Congestion Mitigation Air Quality (Flex to 5307)	
<b>FBUS</b> - Bus and Bus Facilities Earmark (5309)	
<b>FED</b> - Federal Unfunded Projects (0000)	
<b>FEPD</b> - Elderly and Persons with Disability (5310)	
<b>FMOD</b> - Fixed Guideway Modifications (5309)	
<b>FMPL</b> - Metropolitan Planning (5303 and/or 5307); Statewide Planning (5304)	
<b>FNF</b> - New Freedom - Beyond ADA (5317)	
<b>FNS</b> - New Starts - Capital (5309)	
<b>FNU</b> - Non-Urban, Small Urban, Tribal and Inter-City (5311, 5311c and 5311f)	
<b>FSPR</b> - State Planning and Research	
<b>FUZ</b> - Urbanized Area Formula Program (5307)	
<b>FUZST</b> - Urbanized Area Formula Program Stimulus Funds (5307) = ARRA	
<b>JARC</b> - Job Assistance and Reverse Commute (5316)	
<b>RTAP</b> - Rural Transit Assistance Program (5311)	
<b>STPDA</b> - Surface Transportation Program (MPO Direct Attributable - Flex to 5307)	
<b>STATE FUNDING</b>	
<b>EDTAP</b> - Transportation for Elderly and Persons with Disability	
<b>EMP</b> - Rural Employment Transportation	
<b>HSTM</b> - Administrative Assistance - Human Services	
<b>RGP</b> - Rural General Public Transportation	
<b>RIMA</b> - Regional and Inter-City Maintenance Assistance	
<b>RTCH</b> - Rural Technology	
<b>SFCP</b> - State Facility Capital Program	
<b>SMAP</b> - Urban Area Maintenance Assistance	
<b>STAT</b> - State Match Contribution	
<b>STATN</b> - State New Start Match	
<b>STCP</b> - State Transit Capital Program	
<b>UTCH</b> - Urban Technology	
<b>LOCAL FUNDING</b>	
<b>L</b> - Local Matching Share	

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION**

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

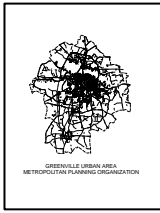
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS										UNFUNDED FUTURE YEARS				
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM									
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020						
GREENVILLE AREA TRANSIT PIIT	TA-4773	Expansion Bus	15514	4714	FBUS US															
					FBUS STAT															
					FBUS L															
					FED TBD	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	
					FUZ US															
					FUZ STAT															
FUZ L																				
GREENVILLE AREA TRANSIT PIIT	TA-4965	Replacement Bus	6350	950	FBUS US															
					FBUS STAT															
					FBUS L															
					FED TBD				C	2400			C	600	C	1200		C	1200	
GREENVILLE AREA TRANSIT PIIT	TD-4716	Facility - Intermodal Center - Land, Planning, Design, Construction	11051	2869	FBUS US															
					FBUS STAT															
					FBUS L															
					FED TBD			C	8182											
GREENVILLE AREA TRANSIT PIIT	TG-5107B	Preventive maintenance	4520	452	FUZ US	Oc	362	Oc	362	Oc	362	Oc	362	Oc	362					
					FUZ L	Oc	90	Oc	90	Oc	90	Oc	90	Oc	90	Oc	90			
GREENVILLE AREA TRANSIT PIIT	TG-5107C	Operating Assistance - ADA Paratransit Service	1489	139	FUZ US	Oc	120	Oc	120	Oc	120	Oc	120	Oc	120					
					FUZ L	Oc	30	Oc	30	Oc	30	Oc	30	Oc	30	Oc	30			
GREENVILLE AREA TRANSIT PIIT	TO-4726	Operating Assistance	14619	2838	FBUS US	O	520	O	520	O	520	O	520	O	520					
					FBUS STAT	O	520	O	520	O	520	O	520	O	520					
					FUZST US															
					SMAP STAT	O	269	O	269	O	269	O	269	O	269	O	269			
GREENVILLE AREA TRANSIT PIIT	TP-5107	Planning Assistance - 5303	362	65	FMPL US	C	27	C	27	C	27	C	27	C	27					
					FMPL STAT	C	3	C	3	C	3	C	3	C	3					
					FMPL L	C	3	C	3	C	3	C	3	C	3					

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS										UNFUNDED FUTURE YEARS	
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM						
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020			
GREENVILLE AREA TRANSIT PITT	TP-5107A	Planning Assistance - 5 year plan	200	100	FUZ US						C	80					
					FUZ STAT						C	10					
					FUZ L						C	10					
GREENVILLE AREA TRANSIT PITT	TS-5112	Safety & Security	177	42	FUZ US	C	15	C	15	C	15	C	15	C	15		
GREENVILLE AREA TRANSIT PITT	TT-5208	Technology - veh. tracking, passenger info, data communications, traffic signal priority	600		FED TBD				C	250	C	50	C	50	C	250	





## Attachment 4b

### Transportation Advisory Committee

### Action Required

August 9, 2011

TO: Transportation Advisory Committee  
 FROM: Daryl Vreeland, AICP, Transportation Planner  
 SUBJECT: Amendments to 2012-2018 Transportation Improvement Program (TIP).

Purpose: Amendments to 2012-2018 TIP for projects TO-4726 (operating assistance) and TG-5107B (preventative maintenance)

Discussion:

Each year, the City of Greenville submits an application for operating/planning and capital funds to the Federal Transit Administration (FTA) to assist with the operation of the Greenville Area Transit System (GREAT) for the next fiscal year. In order for the application to be approved by FTA, it must reflect the approved TIP and State Transportation Improvement Program (STIP).

Greenville is applying for a Section 5307 grant for an amount greater than originally indicated in the TIP scheduled for adoption on August 9, 2011. The projects affected are:

- Preventative maintenance (ID No. TG-5107B)
- Federal operating assistance (ID No. TO-4726)

These projects will assist the City of Greenville with small capital and operating expenses associated with operating a bus system. The grant funds are used to reimburse the City for one-half the operating deficit and eighty percent of capital expenditures.

To ensure the FTA will approve the City's grant application, the amount requested must correspond to those presented in the 2012-2018 TIP and STIP. Therefore, the 2012-2018 TIP must be amended. This amendment has been coordinated with NCDOT and the North Carolina Board of Transportation is expected to consider amending the 2012-2018 STIP on this matter at a future time.

Action Needed: Adopt resolution 2011-14-GUAMPO amending the 2012-2018 TIP as indicated. TCC recommended adoption at their July 19, 2011 meeting.

Attachments:

- Resolution 2011-14-GUAMPO

**RESOLUTION NO. 2011-14-GUAMPO  
AMENDING THE GREENVILLE URBAN AREA  
TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FY 2012-2018**

WHEREAS, the Transportation Advisory Committee has reviewed the FY 2012-2018 Transportation Improvement Program (TIP) and found the need to amend said document on page 19 of 20 for Project ID TO-4726 and TG-5107B so as to match the FTA Section 5307 allocation and the items contained in the grant being applied for;

WHEREAS, the following amendment has been proposed for *FTA Section 5307* funds:

Existing TIP:Existing Amounts

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
<b>TG -5107B</b> PREVENTIVE MAINTENANCE											
4520	452	FUZ US	362	362	362	362	362	362	362	362	362
		FUZ L	90	90	90	90	90	90	90	90	90
<b>TO -4726</b> FEDERAL OPERATING ASSISTANCE											
14,619	2,838	FUZ US	520	520	520	520	520	520	520	520	520
		FUZ L	520	520	520	520	520	520	520	520	520
		SMAP STAT	269	269	269	269	269	269	269	269	269

Amended TIP:Amended Amounts (indicated in bold)

Total Project Cost (Thou)	Prior Years Cost (Thou)	Funding Source	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
<b>TG -5107B</b> PREVENTIVE MAINTENANCE											
<b>6,527</b>	452	FUZ US	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>
		FUZ L	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>
<b>TO -4726</b> FEDERAL OPERATING ASSISTANCE											
<b>15,033</b>	2838	FUZ US	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>
		FUZ L	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>
		SMAP STAT	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>

NOW THEREFORE, be it resolved by the Transportation Advisory Committee that the Greenville Urban Area Transportation Improvement Program for FY 2012-2018, adopted August 9, 2011 by the Greenville Urban Area Metropolitan Planning Organization shall be amended as listed above on this the 9<sup>th</sup> day of August, 2011.

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

\_\_\_\_\_  
Amanda Braddy, Secretary



## Attachment 4c

### Transportation Advisory Committee

### Action Required

August 9, 2011

TO: Transportation Advisory Committee  
 FROM: Daryl Vreeland, AICP, Transportation Planner  
 SUBJECT: Cost share authorization and agreement for Travel Demand Model update

Purpose: Develop a cost-share agreement and authorize and update to the FY2011/2012 Travel Demand Model (TDM).

Discussion:

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 Greenville TDM is the primary tool used to satisfy federal requirements for developing the Long Range Transportation Plan (LRTP), aiding in the development of the local Transportation Improvement Program (TIP), Air Quality analysis, and other MPO planning functions.

At the conclusion of each decennial Census and as best practice, MPOs update their TDMs to reflect the latest socioeconomic data, new MPO Boundaries, and any new additional jurisdictions for their respective regions. This provides MPOs and its partner jurisdictions with the latest information that benefit in transportation planning efforts.

Additionally, Pitt County, (including the Greenville Urban Area MPO) is anticipated to be considered in non-attainment for proposed Ozone standards with National Ambient Air Quality Standard (NAAQS) changes that are expected to be released in July 2011. The Air Quality analysis will change the model's structure so that it can report Vehicle-Miles-Traveled (VMT) and link speed by Functional Classification.

The Greenville TDM was previously modified in 2006. NCDOT funded the development of that effort, but not future updates. The 2006 effort involved migrating the model to the TransCAD platform along with incorporating the latest socioeconomic data available. At that time, the model was developed for a base year of 2006 and a design year of 2035.

This update to Greenville Travel Demand Model will mostly be performed by NCDOT – Transportation Planning Branch (TPB) staff. NCDOT expects that some consultant work will be required to assist with the model update. The cost to the MPO is not expected to exceed \$25,000. This activity is programmed in the Planning Work Program (PWP) and eligible for 80% reimbursement. Thus, the maximum local share (the 20% of the project cost that must be locally-funded) would not exceed \$5,000.

In keeping with prior MPO area-wide activities, the local share of the project cost is proposed to be shared in a proportionate, per-capita basis, as shown in the chart below.

**Travel Demand Model 2011-2012 Cost Share Analysis**  
(Based on maximum \$5,000 local share)

<b>Member Jurisdiction</b>	<b>2010 Census Population</b>	<b>% of Total MPO Population</b>	<b>Maximum Total local share responsibility (represents 20% of gross costs)</b>
Greenville	84554	63.55%	\$ 3,177
Winterville	9269	6.97%	\$ 348
Ayden	4932	3.71%	\$ 185
Simpson	416	0.31%	\$ 16
Pitt County (Area within MPO boundary) (est.)	33889	25.47%	\$ 1,273
<b>Total</b>	<b>133060</b>	<b>100%</b>	<b>\$ 5,000</b>

The MPO is required to update (and later adopt) the travel demand model as part of its update of the Long Range Transportation Plan.

Action Needed: Adopt Resolution 2011-15-GUAMPO which:

1. authorizes the update of the TDM and,
2. agrees upon the cost-share structure for the local funding responsibility.

TCC recommended adoption at their July 19, 2011 meeting.

Attachments:

- Resolution 2011-15-GUAMPO authorizing the update to Greenville's Travel Demand Model and agreeing upon the cost-share structure.

**RESOLUTION NO. 2011-15-GUAMPO  
AUTHORIZING AN UPDATE TO THE GREENVILLE URBAN AREA METROPOLITAN  
PLANNING ORGANIZATION'S TRAVEL DEMAND MODEL AND AGREEING TO THE  
COST-SHARE STRUCTURE OF THE LOCAL MATCH RESPONSIBILITY FOR THE  
TRAVEL DEMAND MODEL UPDATE**

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 MPO in consultation with NCDOT will update the travel demand model with the latest Traffic Analysis Zones, socioeconomic data, model network, population, employment, and other applicable data and forecasts that best represents conditions within the MPO boundary area; and

NOW, THEREFORE, BE IT RESOLVED by the Transportation Advisory Committee of the Greenville Urban Area MPO that

1. it does hereby authorize an update to the Travel Demand Model model for the Greenville Urbanized Area to incorporate the latest Census data and to satisfy Federal requirements, and;
2. the local responsibility of the travel demand model update is anticipated not to exceed \$5,000 and shall be shared in a per-capita basis as detailed below:
  - a. City of Greenville: \$3,177
  - b. Pitt County: \$1,273
  - c. Town of Winterville: \$348
  - d. Town of Ayden: \$185
  - e. Village of Simpson: \$16

This 9<sup>th</sup> day of August, 2011.

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

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Amanda Braddy, Secretary