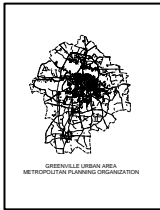


**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC) MEETING**

Tuesday, July 19, 2011, at 10:00 a.m.
Greenville City Hall, Room # 337,
Actions to be taken in bold italics

- 1) Approval of Agenda; ***approve***
- 2) Approval of Minutes of March 4, 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; ***recommend for TAC adoption*** p. 7
 - b) Amendment to 2012-2018 TIP for transit projects TO-4726 and TG-5107B – Resolution No. 2011-14-GUAMPO; ***recommend for TAC adoption*** p. 39
 - c) Cost share structure of Travel Demand Model update – Resolution No. 2011-15-GUAMPO; ***recommend for TAC adoption*** p. 41
- 5) Informational Items
 - a) Overview of MPO process and products -- Bill Marley, FHWA
 - b) Presentation on Statewide Long Range Transportation Plan (2040 Plan) – Mark Eatman, NCDOT
- 6) Date, Time, and Place of next TCC/TAC Meetings

<u>TCC</u>	<u>TAC</u>
October 12, 2011-- 10:00 a.m-noon	August 9, 2011-- 10:00 a.m-noon November 18, 2011—1:30pm
- 7) Adjourn



Attachment 1

Technical Coordinating Committee

Action Required

July 19, 2011

TO: Technical Coordinating Committee
FROM: Daryl Vreeland, AICP, Transportation Planner
SUBJECT: Minutes from March 4, 2011 TCC meeting

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

Discussion: The draft minutes of the March 4, 2011 TCC meeting are included as Attachment 1 in the agenda package for review and approval by the TCC.

Action Needed: Adoption of March 4, 2011 TCC meeting minutes.

Attachments: March 4, 2011 TCC meeting minutes.

**GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION
TECHNICAL COORDINATING COMMITTEE (TCC) MINUTES
March 4, 2011**

Members of the Technical Coordinate Committee met on the above date at 10:00 a.m. at City Hall in Conference Room 337. Mr. Wesley B. Anderson, TCC Chairperson, called the meeting to order. The following attended the meeting:

Mr. Daryl Vreeland, City of Greenville
Mr. Chris Padgett, Town of Ayden
Mr. Adam Mitchell, Town of Ayden
Mr. James Rhodes, Pitt County
Mr. Steve Hamilton, NCDOT
Mr. Merrill Flood, City of Greenville
Mr. Bill Marley, FHWA
Mr. Tom Harwell, Town of Winterville
Mr. Mark Eatman, NCDOT
Mr. Bryant Buck, Mid-East Commission
Mr. Rik DiCesare, City of Greenville
Mr. David Boyd, Village of Simpson
Mr. Alan Lilley, Town of Winterville
Mr. Neil Lassiter, NCDOT
Mr. Geoff Sloop, NCDOT
Mr. Scott Godefroy, City of Greenville

OTHERS PRESENT:

Ms. Amanda Braddy, Administrative Secretary, City of Greenville

I. AGENDA

Mr. Anderson asked for any changes to the proposed agenda. There being none, Mr. Adam Mitchell made a motion to approve the agenda as distributed. Mr. David Boyd seconded and the motion passed unanimously.

II. MINUTES

Mr. David Boyd made a motion to approve the minutes of the January 20, 2011 meeting. Mr. Merrill Flood seconded and the motion passed unanimously.

III. PUBLIC COMMENT PERIOD

There was no public comment period.

IV. NEW BUSINESS / ACTION ITEMS

A. MPO Cost Share

Mr. Vreeland began by explaining that Federal law requires MPO's to provide 20% ("local match") of the cost of transportation planning activities. The Federal Government provides the remaining 80%, in a reimbursable basis administered by local DOTs.

Mr. Vreeland also explained the Greenville Urban Area MPO is currently investigating an

equitable cost-sharing arrangement of the local match of planning activities, as budgeted and described in the yearly PWP.

As a result of the January 20, 2011 TCC meeting discussion, TCC members requested an additional meeting to discuss the cost-sharing options to be approved and requested MPO staff email white paper to TCC members providing an overview, justification, and summary of the proposed cost-sharing scenarios. The white paper was emailed to TCC members on February 3, 2011 and detailed two cost-sharing proposals. The MPO staff recommendation is a per-capita cost-share.

Mr. Vreeland passed out an additional chart that detailed MPO staff proposed cost-share of the MPO local match. The chart included a County proposed per-capita cost share, City Counter offer, and an additional County Counter offer.

Mr. Rhodes asked if the chart for the City Counter offer was a “total” figure or if the figure should be doubled to include both the current position and a new position. Mr. Anderson replied the column for the per-capita cost share for the second position and the Year 4+ and any additional staff should be added together. Mr. Anderson also explained the salary for the proposed position was estimated based on the current MPO staff salary and could be subject to change. Mr. Harwell commented his understanding was the cost-share was to be for the new position only and would not include the current position. Mr. Anderson explained the proposed cost-share scenarios were recommended at the January 20, 2011 TCC meeting.

Mr. Padgett asked if the cost-share was approved for the current staff and new staff positions, what access would the MPOs have to this person. Mr. Padgett’s example was the Safe Route to School Program. He commented on the fact that Mr. Vreeland worked on the City of Greenville’s portion and the Town of Ayden worked on their portion. Mr. Anderson responded the City of Greenville would transfer all of the City’s work to City personnel and the positions would consist of work solely based on MPO duties.

Mr. Padgett commented that he felt the workload justified an additional staff position and made a motion to present the City Counter Offer Two as the best option for the cost-share to TAC for adoption. This option recommends immediate cost-sharing of the added position and incrementing the current position salary over the next four (4) calendar years. Mr. Steve Hamilton seconded the motion.

Mr. Bowers asked if a document existed that creates the MPO. Mr. Anderson explained the only documentation at present time addresses voting procedures and identifies the City of Greenville as the lead plan agency but does not address funding mechanisms. Mr. Vreeland also commented the boundary of the MPO could possibly be expanded based on the 2010 census figures and suggested the incorporation of the funding mechanisms in MPO documentation as the new figures become available. Mr. Bowers questioned when the information from the census would be available and Mr. Marley responded by stating there was no concrete information at this time; however, if past history serves as an indicator, the information should be available as early as beginning of 2012. Mr. Bowers asked if there would be any additional members to the current MPO and Mr. Eatman explained that information would also be based on the 2010 census and restructuring of boundaries.

The motion passed by majority of 11 to 1 with a dissension vote from Pitt County MPO member James Rhodes.

B. Greenville Urban Area Metropolitan Planning Organization 2011-2012 candidate projects for Transportation Improvement Priorities

Mr. Vreeland explained that NCDOT released a new methodology and tentative timeline on developing the bi-annual transportation project priorities list. Step One of the process would be to identify projects and Step Two would be the ranking of the projects. Mr. Vreeland also explained that Step One of the process would need to be completed immediately and the Step Two would be in July-August 2011.

Mr. Vreeland presented the group with a list of projects that were included in the 2011-2012 candidate Transportation Improvements Projects list. Mr. Vreeland asked if there were any recommendations for additions or deletions of projects to the list. Mr. Padgett asked that the project for NC 11S and Hwy 102 intersection signal safety improvements be added to the Highway Spot Safety Improvement Section.

Mr. Merrill made a motion to accept the list as amended and was seconded by Mr. Padgett. The motion passed unanimously.

C. Modifications to Federal Functional Classification Maps

Mr. Vreeland explained the Functional Classification System as the process by which streets and highways are grouped into classes or systems according to the service they are intended to provide. The Federal Functional classification maps are used to determine those roadways that are Federal-Aid eligible. On the rural (Pitt County) map, only those roadways classified as Major Collector or higher are Federal-Aid eligible. In the Urbanized Area, any roadway that is functionally classified is Federal-Aid eligible. Mr. Vreeland commented the Greenville Urban Area MPO is requesting a revision of the Functional Classification System for the roadway segments within the MPO area as presented.

Mr. Hamilton questioned the classification change of Main Street in Winterville from a Minor Arterial to a Collector. He stated the change would leave Winterville without a Minor Arterial classification of any kind. Mr. Vreeland asked representatives present from the Town of Winterville if the proposed classification change was agreeable. Mr. Lilley agreed with the re-classification change; therefore the change will be recommended to NCDOT.

A motion was made by Mr. Harwell to modify the existing Federal Functional Classification maps as indicated. The motion was seconded by Mr. Godefroy and passed unanimously.

D. Amendments to the 2009-2014 Metropolitan Transportation Improvement Projects for projects TD-4716B (Intermodal Center) and TA-4773 (Expansion busses)

Mr. Vreeland explained to provide for 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 the FTA, it must reflect the approved MTIP and State Transportation Improvement Program (STIP). The amendment would update costs spent and unspent and an additional item of expansion busses.

A motion was made by Mr. Mitchell to recommend the amendment to TAC for adoption. A second was made by Mr. Flood and the motion passed unanimously.

VI. DATE, TIME, PLACE OF NEXT TAC MEETING

a. March 17, 2011 – 1:30pm in the Greenville Public Works Conference Room

VII. Tentative schedule for upcoming TCC and TAC meetings.**TCC**

July 19, 2011 – 10:00am – noon

September 6, 2011 – 1:30pm – 3:30pm

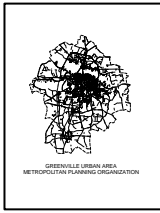
TAC

August 9, 2011 – 10:00am – noon

October 25, 2011 – 1:30pm – 3:30pm

V. ADJOURN

With no other business or discussions, Mr. Lassiter made a motion to adjourn the meeting. A second was made by Mr. Harwell and the meeting adjourned at 11:20am.



Attachment 4a

Technical Coordinating Committee

Action Required

July 19, 2011

TO: Technical Coordinating 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.

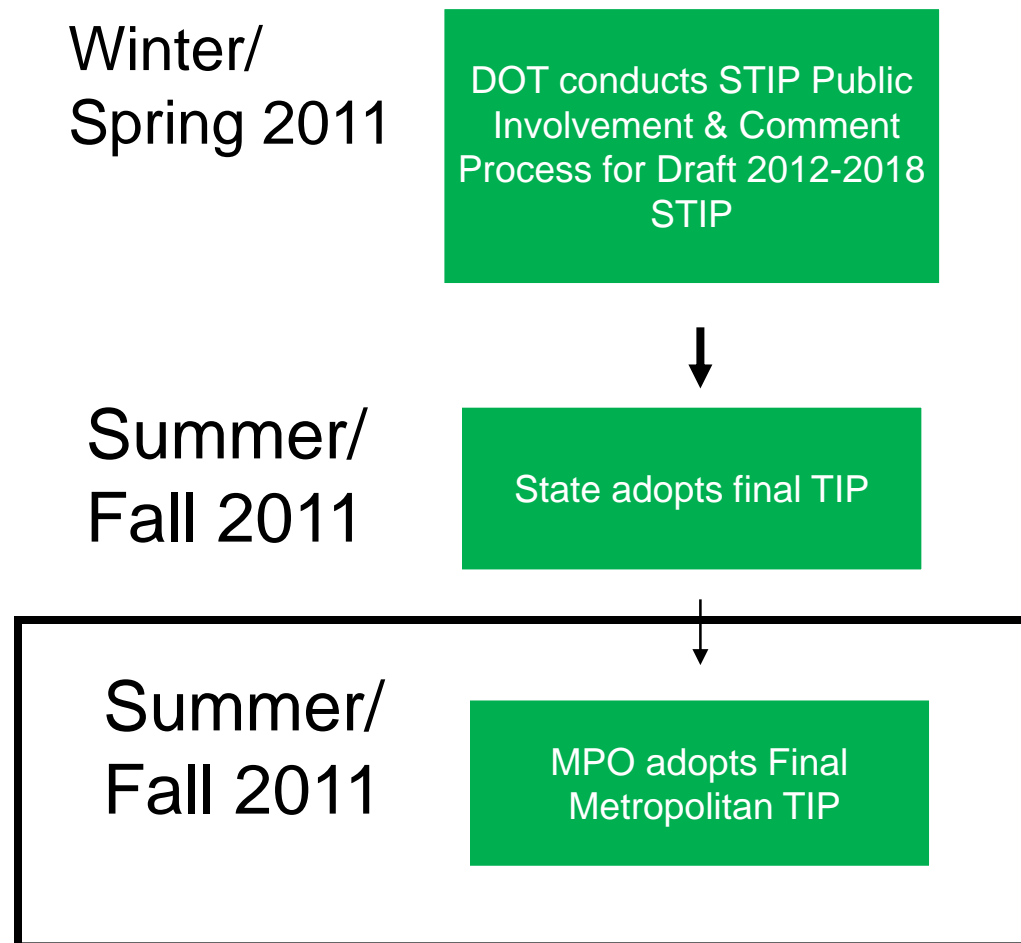
Action Needed: A recommendation to the TAC to adopt the attached 2012-2018 TIP.

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

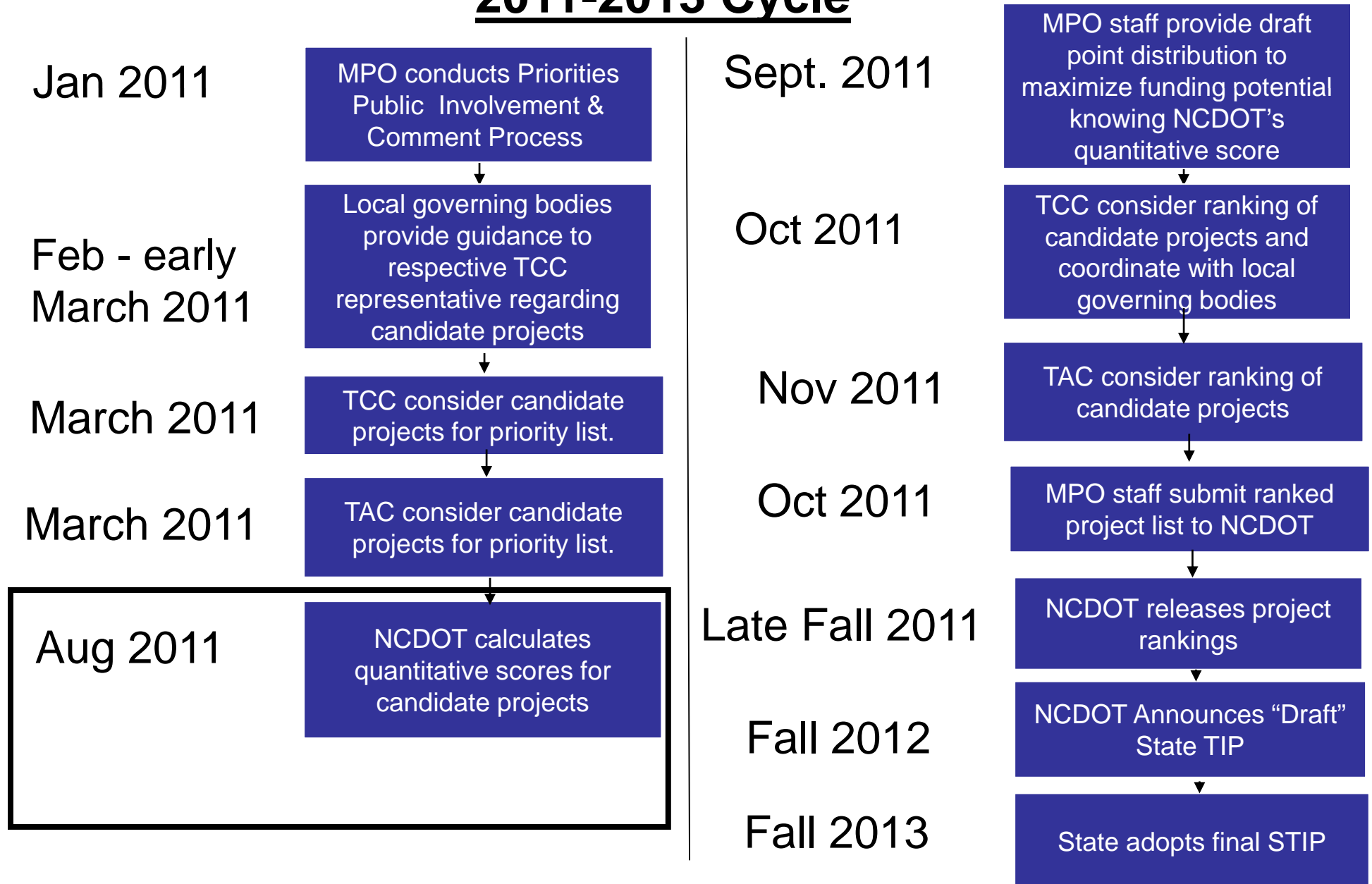
Steps remaining from 2009-2011 Cycle



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 (NO change from previous update of March, 2011)

10th 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

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

PROGRAM

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

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

Page 12 of 43

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM										DEVELOPMENTAL PROGRAM				UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NC 903	PITT	B-4232	SWIFT CREEK. REPLACE BRIDGE NO. 9	782	782	UNDER CONSTRUCTION - BRIDGE PURCHASE ORDER CONTRACT (BPOC)																																		
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						NFA				C	475		C	1800		C	1800		C	1800		C	2700		C	3600		C	3600		C	3600		C	3600		C	4500		
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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				
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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				
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<u>2012-2020 TIP (June 2011)</u>																						
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						
<u>2011-2020 Draft STIP (August 2010)</u>																						
<u>2012-2020 TIP (June 2011)</u>																						
SR 1724	PITT	B-5214	EAST BRANCH OF SWIFT CREEK. REPLACE BRIDGE NO. 37	843	843																	
<u>2011-2020 Draft STIP (August 2010)</u>																						
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)																						
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<u>2012-2020 TIP (June 2011)</u>																						
SR 1715	PITT	B-4603	FORK SWAMP. REPLACE BRIDGE NO. 29	1051	60	NFA									R 90							
JACK JONES ROAD						NFA									M 1							
						NFA										C 900						
<u>2011-2020 Draft STIP (August 2010)</u>																						
<u>2012-2020 TIP (June 2011)</u>																						
SR 1401	PITT	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE NO. 95	1247	40	NFA		R 200														
OLD RIVER ROAD						NFA		U 82														
						NFA			C 925													
<u>2011-2020 Draft STIP (August 2010)</u>																						
SR 1401	PITT	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE NO. 95	1197	40	NFA		R 200														
						NFA		U 82														
						NFA			C 875													
<u>2012-2020 TIP (June 2011)</u>																						
SR 1418	PITT	B-4788	JOHNSON MILL RUN. REPLACE BRIDGE NO. 171	910	60	NFA									R 75							
STATON HOUSE ROAD						NFA										C 775						
<u>2011-2020 Draft STIP (August 2010)</u>																						
<u>2012-2020 TIP (June 2011)</u>																						
SR 1900	PITT	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE NO. 154	950	950																	
<u>2011-2020 Draft STIP (August 2010)</u>																						
SR 1900	PITT	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE NO. 154	981	100	NFA	R 80															
						NFA	M 1															
						NFA		C 800														
DIVISION 2 PILOT PROJECT																						
<u>2012-2020 TIP (June 2011)</u>																						
GREENVILLE	PITT	B-5100	KING GEORGE ROAD OVER MEETING HOUSE BRANCH IN GREENVILLE. REPLACE BRIDGE NO. 421	40	40																	
<u>2011-2020 Draft STIP (August 2010)</u>																						
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										DEVELOPMENTAL PROGRAM				UNFUNDED
							5 YEAR WORK PROGRAM														
2012-2020 TIP (June 2011)																					
VARIOUS	BEAUFORT	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 2 PROJECT MITIGATION.	1106	1106																
	CARTERET																				
	CRAVEN																				
	GREENE																				
	JONES																				
	LENOIR																				
	PAMLICO																				
	PITT																				
2011-2020 Draft STIP (August 2010)						IN PROGRESS															
VARIOUS	BEAUFORT	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM FOR DIVISION 2 PROJECT MITIGATION.																		
	CARTERET																				
	CRAVEN																				
	GREENE																				
	JONES																				
	LENOIR																				
	PAMLICO																				
	PITT																				
						IN PROGRESS															
2012-2020 TIP (June 2011)																					
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																
2011-2020 Draft STIP (August 2010)						UNDER CONSTRUCTION															
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															
2012-2020 TIP (June 2011)																					
GREENVILLE	PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK IN GREENVILLE. CONSTRUCT GREENWAY.	1375		HP				C	1375										
2011-2020 Draft STIP (August 2010)																					
GREENVILLE	PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK. CONSTRUCT GREENWAY.	1375		STPEB				C	1375										
2012-2020 TIP (June 2011)																					
GREENVILLE	PITT	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER TO US 13 IN GREENVILLE. CONSTRUCT GREENWAY.																		
2011-2020 Draft STIP (August 2010)						PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY BY CITY															
GREENVILLE	PITT	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER TO US 13. CONSTRUCT GREENWAY.																		
						PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY BY CITY															
2012-2020 TIP (June 2011)																					
SR 1711	PITT	W-5102	SR 1711 (WORTHINGTON ROAD), SR 1700 (OLD TAR ROAD) TO NC 43. VARIOUS SAFETY IMPROVEMENTS.	1012	1012																
WORTHINGTON RO																					
2011-2020 Draft STIP (August 2010)						UNDER CONSTRUCTION															
SR 1711	PITT	W-5102	SR 1700 (OLD TAR ROAD) TO NC 43. VARIOUS SAFETY IMPROVEMENTS.	1350		HES	C	1350													
WORTHINGTON RO																					

LOCATION	COUNTY	ID NUMBER	DESCRIPTION	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	STATE TRANSPORTATION IMPROVEMENT PROGRAM															UNFUNDED FUTURE YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
						FUNDING SOURCE	FY 2011	5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
2012-2020 TIP (June 2011)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
VARIOUS	BEAUFORT	W-5202	DIVISION 2 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.	300	150	HES				R	50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

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



GREENVILLE URBAN AREA
METROPOLITAN PLANNING ORGANIZATION

Adopted:

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

Greenville Urban Area MPO
TIP Page 1 of 20

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										DEVELOPMENTAL PROGRAM				UNFUNDED
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS					
5 YEAR WORK PROGRAM																				
URBAN PROJECTS																				
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																				
FEASIBILITY STUDIES																				
US 264 GREENVILLE BOULEVARD PITT	FS-1002B	US 264 (GREENVILLE BOULEVARD), NC 11 TO NC 33. WIDEN AND IMPROVE INTERSECTIONS.																		
SCHEDULED FOR FEASIBILITY STUDY																				
FEDERAL BRIDGE PROJECTS																				
US 13 PITT	B-4786	TAR RIVER. REPLACE BRIDGE NO. 38	8530	230	FA															
					FA															
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	300				
					NFA	C	475		C	1800		C	1800		C	2700				
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 (THOU)	FUNDING SOURCE	FISCAL YEARS															
						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						
FEDERAL BRIDGE PROJECTS																					
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				
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						
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																

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									
						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
FEDERAL BRIDGE PROJECTS															
SR 1401	B-4787	JOHNSON'S MILL RUN. REPLACE BRIDGE	1247	40	NFA	R	200								
OLD RIVER ROAD		NO. 95			NFA	U	82								
PITT					NFA			C	925						
SR 1418	B-4788	JOHNSON MILL RUN. REPLACE BRIDGE NO.	910	60	NFA										
STATON HOUSE		171			NFA								R	75	
ROAD					NFA									C	775
PITT															
SR 1900	B-4791	FORK OF SWIFT CREEK. REPLACE BRIDGE	950	950											
WEYERHAEUSER		NO. 154													
ROAD															
PITT															
UNDER CONSTRUCTION - PART OF BD-5102															
MUNICIPAL BRIDGE PROJECTS															
GREENVILLE	B-5100	KING GEORGE ROAD OVER MEETING	40	40											
PITT		HOUSE BRANCH IN GREENVILLE. REPLACE BRIDGE NO. 421													
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY															
MITIGATION PROJECTS															
VARIOUS	EE-4902	ECOSYSTEMS ENHANCEMENT PROGRAM	1106	1106											
BEAUFORT		FOR DIVISION 2 PROJECT MITIGATION.													
CARTERET															
CRAVEN															
GREENE															
JONES															
LENOIR															
PAMLICO															
PITT															
IN PROGRESS															
BICYCLE AND PEDESTRIAN PROJECTS															
GREENVILLE	EB-4702	SOUTH TAR RIVER GREENWAY, SOUTH OF	2850	2850											
PITT		TAR RIVER FROM TOWN COMMONS TO GREEN MILL RUN GREENWAY IN GREENVILLE. CONSTRUCT GREENWAY. (3 MILES)													
UNDER CONSTRUCTION															
GREENVILLE	EB-4997	PARKERS CREEK GREENWAY, TAR RIVER													
PITT		TO US 13 IN GREENVILLE. CONSTRUCT GREENWAY.													
PROGRAMMED FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY BY CITY															

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									
						5 YEAR WORK PROGRAM									
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
BICYCLE AND PEDESTRIAN PROJECTS															
GREENVILLE PITT	EB-4996	GREEN MILL RUN GREENWAY, CHARLES BOULEVARD TO EVANS PARK IN GREENVILLE. CONSTRUCT GREENWAY.	1375		HP C	1375									
HAZARD ELIMINATION PROJECTS															
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	50									
					HES C	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	100									
					HES C	425									
FORMERLY B-4602															
PASSENGER RAIL PROJECTS															
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															

STATEWIDE PROJECTS

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									
						5 YEAR WORK PROGRAM					DEVELOPMENTAL PROGRAM				
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
INTERSTATE PROJECTS															
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															
RURAL PROJECTS															
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
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
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
IN PROGRESS															
VARIOUS STATEWIDE	M-0377	ENVIRONMENTAL STREAMLINING. COORDINATE, PLAN, FACILITATE, IMPLEMENT AND TRACK INITATIVES.	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
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
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
IN PROGRESS															
VARIOUS STATEWIDE	R-4500	ECONOMIC DEVELOPMENT.	15000	5000	S	C	5000	C	5000						
IN PROGRESS															

STATEWIDE PROJECTS

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										DEVELOPMENTAL PROGRAM				UNFUNDED
						5 YEAR WORK PROGRAM														
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS					
RURAL PROJECTS																				
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					
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					
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					
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					
IN PROGRESS																				
VARIOUS STATEWIDE	R-4454	IMPROVEMENT PROJECTS THAT FURTHER ECONOMIC GROWTH AND DEVELOPMENT IN SMALL URBAN AND RURAL AREAS.	47000	47000	NHS	C	3250	C	3250	C	3250	C	3250	C	3250					
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					
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					
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					
UNDER CONSTRUCTION BY FEDERAL HIGHWAY ADMINISTRATION																				
VARIOUS STATEWIDE	R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.	178681	61681	NHS	M	1500	M	1500	M	8500	M	7000	M	11500					
IN PROGRESS																				
STATEWIDE	M-0428	ADVANCED VEHICLE RESEARCH CENTER (AVRC).	297	297	T	M	1500	M	1500	M	8500	M	7000	M	11500					
IN PROGRESS																				

STATEWIDE PROJECTS

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK																		
			FISCAL YEARS																		
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						
BICYCLE AND PEDESTRIAN PROJECTS																					
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		
					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		
					IN PROGRESS																
VARIOUS STATEWIDE	EB-2956	STATEWIDE BICYCLE PROGRAM.	13645	9145	STPEB	C	500		C	500		C	500		C	500		C	500		
					IN PROGRESS																
VARIOUS STATEWIDE	EB-3314	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.	5600	4250	STPEP	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		
					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		
					IN PROGRESS																
CONGESTION MITIGATION PROJECTS																					
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

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										
						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	
CONGESTION MITIGATION PROJECTS																
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 O	N N	80 20	N N	80 20	N N	80 20	N N	80 20	N N	80 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 O			N N	2076 519	N N	2076 519	N N	2076 519			
IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																
ENHANCEMENT PROJECTS																
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																

STATEWIDE PROJECTS

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										DEVELOPMENTAL PROGRAM				UNFUNDED																																																																																																																																																																																																																																																																																																																																																																																																																		
						5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK PROGRAM	5 YEAR WORK 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STATEWIDE PROJECTS

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													
						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				
PASSENGER RAIL PROJECTS																			
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	I	I	I	I	I	I	I	I	I				
					T2001	I	I	I	I	I	I	I	I	I	I	I			
IN PROGRESS																			
VARIOUS STATEWIDE	P-4001	RAIL INDUSTRIAL ACCESS PROGRAM.	19000	10000	T2001	C	C	C	C	C	C	C	C	C	C				
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	C	C	C	C	C	C	C	C	C				
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	C	C	C	C	C	C	C	C	C				
					T2001	C	C	C	C	C	C	C	C	C	C	C			
IN PROGRESS																			

STATEWIDE PROJECTS

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK													FISCAL YEARS														
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																
PASSENGER RAIL PROJECTS																														
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																									

STATEWIDE PROJECTS

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												
						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			
PASSENGER RAIL PROJECTS																		
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			
IN PROGRESS																		
STATEWIDE STATEWIDE	Z-5100	HIGHWAY-RAIL GRADE CROSSING SAFETY IMPROVEMENTS.				IN PROGRESS												
ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)																		
VARIOUS STATEWIDE	K-4704	INTERSTATE REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.	6700	3100	IMPM	C	400	C	400	C	400	C	400	C	400			
IN PROGRESS																		
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)																		
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			
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			
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			
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

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									
						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
ROADSIDE ENVIRONMENTAL PROJECTS (SCENIC)															
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															

Prior Years include all sources of funds for 2011 & 2012						TYPE OF WORK / ESTIMATED COST IN THOUSANDS FISCAL YEARS													
COUNTY	TRANSIT PARTNERS AND PROVIDERS	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUND SOURCE/ Shares	STATE TRANSPORTATION IMPROVEMENT PROGRAM												
							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				
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 !																
			IDENTIFICATION NUMBER Assigned to each project at conception and remains with project (see key to numbering)																
			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)
A - Administration
C - Capital
project planning
feasibility studies
acquisition & right of way
prelim. engineering
design & construction
vehicle purchase
routine capital
technology
safety and security
O - Operating Assistance
<i>Oc - Capital budget funds supporting operations:</i>
preventive maintenance
ADA services
mobility management
CMAQ operating

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

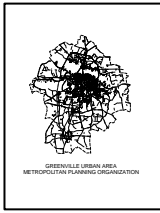
KEY TO PUBLIC TRANSPORTATION FUNDING CATEGORIES
FEDERAL FUNDING
CMAQ - Congestion Mitigation Air Quality (Flex to 5307)
FBUS - Bus and Bus Facilities Earmark (5309)
FED - Federal Unfunded Projects (0000)
FEPD - Elderly and Persons with Disability (5310)
FMOD - Fixed Guideway Modifications (5309)
FMPL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

GREENVILLE URBAN AREA METROPOLITAN PLANNING ORGANIZATION

			TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAK															
			TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	FISCAL YEARS												
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)				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		
GREENVILLE AREA TRANSIT PITT	TA-4773	Expansion Bus	15514	4714	FBUS US													
					FBUS STAT													
					FBUS L													
					FED TBD	C	1200	C	1200	C	1200	C	1200	C	1200			
					FUZ US													
					FUZ STAT													
					FUZ L													
GREENVILLE AREA TRANSIT PITT	TA-4965	Replacement Bus	6350	950	FBUS US													
					FBUS STAT													
					FBUS L													
					FED TBD				C	2400			C	600				
GREENVILLE AREA TRANSIT PITT	TD-4716	Facility - Intermodal Center - Land, Planning, Design, Construction	11051	2869	FBUS US													
					FBUS STAT													
					FBUS L													
					FED TBD			C	8182									
GREENVILLE AREA TRANSIT PITT	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			
GREENVILLE AREA TRANSIT PITT	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			
GREENVILLE AREA TRANSIT PITT	TO-4726	Operating Assistance	14619	2838	FUZ US	O	520	O	520	O	520	O	520	O	520			
					FUZ L	O	520	O	520	O	520	O	520	O	520			
					FUZST US													
					SMAP STAT	O	269	O	269	O	269	O	269	O	269			
GREENVILLE AREA TRANSIT PITT	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															
FISCAL YEARS															
ROUTE/CITY COUNTY	ID NUMBER	LOCATION / DESCRIPTION (LENGTH)	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDING SOURCE	5 YEAR WORK PROGRAM									
						FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FUTURE YEARS
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	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

Technical Coordinating Committee

Action Required

July 19, 2011

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

Purpose: Amendments to 2009-2015 MTIP 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 in the near future.

Action Needed: Recommendation that TAC adopt resolution 2011-14-GUAMPO amending the 2012-2018 TIP as indicated.

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
TG -5107B 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
TO -4726 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:

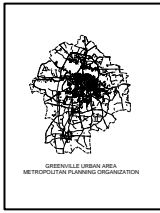
Amended Amounts (indicated in bold)

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
TG -5107B PREVENTIVE MAINTENANCE											
6,527	452	FUZ US	540	540	540	540	540	540	540	540	540
		FUZ L	135	135	135	135	135	135	135	135	135
TO -4726 FEDERAL OPERATING ASSISTANCE											
15,033	2838	FUZ US	540	540	540	540	540	540	540	540	540
		FUZ L	540	540	540	540	540	540	540	540	540
		SMAP STAT	275	275	275	275	275	275	275	275	275

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 9th day of August, 2011.

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

Amanda Braddy, Secretary



Attachment 4c

Technical Coordinating Committee

Action Required

July 19, 2011

TO: Technical Coordinating 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.

In addition to the decennial census, the Greenville 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 last updated in 2006. NCDOT funded the development of that effort, but not the updates. The 2006 update involved migrating the model to the TransCAD platform along with updating the latest socioeconomic data available. At that time, the model was updated 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)

Member Jurisdiction	2010 Census Population	% of Total MPO Population	Maximum Total local share responsibility (represents 20% of gross costs)
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
Total	133060	100%	\$ 5,000

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: A recommendation that TAC 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.

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 9th day of August, 2011.

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

Amanda Braddy, Secretary