# GASTON URBAN AREA UNIFIED PLANNING WORK PROGRAM FISCAL YEAR 2011-2012



Final March 22, 2011

Prepared for:

City of Gastonia, NC
Federal Transit Administration
Federal Highway Administration
Gaston Urban Area MPO Transportation Advisory Committee and
North Carolina Department of Transportation

## UNIFIED PLANNING WORK PROGRAM PROGRAM DESCRIPTION FOR FY 2010-2011 GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

### **JULY 1, 2011 -JUNE 30, 2012**

### DESIGNATED RECIPIENT: CITY OF GASTONIA, NC (LEAD PLANNING AGENCY)

The Unified Planning Work Program (PWP) is the instrument by which the Urban Area describes to the federal and state grant agencies how it plans to carry out the federally mandated "continuing, cooperative and comprehensive" (3-C) planning process. By law, Congress has determined that "It is in the national interest to encourage and promote the development of transportation systems embracing various modes of transportation in a manner which will efficiently maximize mobility of people and goods within and through urbanized areas and minimize transportation-related fuel consumption and air pollution. To accomplish this objective, metropolitan planning organizations, in cooperation with the State, shall develop transportation plans and programs for urbanized areas of the State. Such plans and programs shall provide for the development of transportation facilities (including pedestrian walkways and bicycle transportation facilities), which will function as an intermodal transportation system for the State, the metropolitan areas, and the Nation. The process for developing such plans and programs shall provide for consideration of all modes of transportation and shall be continuing, cooperative, and comprehensive to the degree appropriate, based on the complexity of the transportation problems." (§134, Title 23, US Code)

Each year the planning staff of the Gaston Urban Area MPO reviews the planning goals and objectives and identifies new projects for the coming year. This is done in coordination with the North Carolina Department of Transportation (NCDOT) Statewide Planning Branch. Some of these tasks are ongoing such as a traffic count program or the collection of socioeconomic data. Others have a more defined scope such as the Thoroughfare Planning process, a transit ridership survey, or a corridor study. After considering the amount of work necessary to complete the task, an estimate of funding is developed for each task code.

The following section outlines the work to be completed in fiscal year 2011-2012 by task code category. Also included is the dollar amount budgeted for the year. The recommendations are as follows:

### **Task Codes**

### TASK CODE II – CONTINUING TRANSPORTATION

### Task Code II-A: Surveillance of Inventory Data

- II-A-l Traffic Volume Counts Vehicle counts will be collected as needed throughout the Gaston Urban Area in support of corridor studies and other analyses. Staff will disseminate traffic volume counts from the Metrolina Regional Model when necessary. Staff will also evaluate the accuracy of counts collected by NCDOT. (\$4,680.00)
- II-A-4 Traffic Accidents Analysis of unit member local government vehicular accident reports. The data will be used to determine whether roadway safety improvements are necessary. (\$4,680.00)
- II-A-5 Transit System Data Data related to the operation of Gastonia Transit will be collected as needed. Specifically, data collection efforts recommended in the Community Transportation Services Plan (CTSP), such as boarding and alighting counts, will be carried out as time permits. Also, the bus stop inventory completed as a part of the CTSP will be incorporated into the Lead Planning Agency's Geographic Information System. (\$4,624.00)
- II-A-10 Mapping Maps will be created for various projects such as corridor studies, transit planning and corridor protection activities. (\$18,720.00)
- II-A-12 Bicycle and Pedestrian Facilities Inventory During the fiscal year, work will continue on the completing a sidewalk and greenway trail inventory for the entire MPO area. This effort will aid staff in identifying the best routes for connecting major county resource attractions and "missing links" in the sidewalk and greenway trail system. (\$4,812.00)

### Task Code II-B: Long Range Transportation Plan (LRTP)

- II-B-3 Travel Model Updates LPA staff will fund a local share and work with NCDOT's Transportation Planning Branch, Charlotte Department of Transportation and the Charlotte Regional Alliance for Transportation (CRAFT) to amend the Regional Model and specifically the Gaston Urban Area model as needed. (\$37,725.00)
- II-B-7 Forecasts of Future Travel Patterns The datasets compiled for the regional modeling effort will need to be forecasted to our horizon year and any other years determined necessary for air quality modeling purposes. Several different land use scenarios may be studied. (\$7,020.00)
- II-B-8 Capacity Deficiency Analysis Staff will utilize transportation modeling analysis to determine whether existing roadway segments are deficient in capacity flows. This effort will primarily occur during the review of proposed land developments. (\$5,616.00)

- II-B-9 Highway Element of the LRTP Staff will make any necessary adjustments and amendments to the adopted Thoroughfare Plan based on corridor studies done to refine alignments. These changes need to be coordinated with all necessary governing boards and NCDOT. Further, any amendments that are proposed through the County Comprehensive Plan process will be reviewed (\$1,404.00)
- II-B-10 Transit Element of LRTP Staff will utilize the Section 5303 grant for transit planning activities to implement the issues raised through the Community Transportation Services Plan (CTSP). We will also continue to work to implement the goals of the 2025 Multi-Modal Long Range Transportation Plan, through such projects as the Gastonia-Charlotte Express Bus service. Funds from the Section 5307 grant, which can be used for planning, have been set aside to conduct a feasibility study of the extension of the West Corridor into Gaston County. This is an extension of a project being conducted by Charlotte Area Transit System. (\$22,912.00)
- II-B-ll Bicycle and Pedestrian Element of the LRTP Staff will continue to work with NCDOT Division of Bicycle & Pedestrian Planning to publish the Gaston Urban Area bicycle route map. The original map was completed in FY 2003-2004 and adopted by the Transportation Advisory Committee. We will continue to encourage the design of future transportation improvements that accommodate alternate modes of transportation. (\$2,808.00)
- II-B-14 Rail, Water or other mode of LRTP Staff will continue to work with NCDOT Rail Division and its lease to renovate and redevelop the P&N Railroad Corridor for Freight and Economic Development purposes. (\$4,680.00)
- II-B-15 Freight Movement/Mobility Planning Staff will continue to work with NCDOT and the Metrolina Partners to better incorporate freight data into the Metrolina Model. Staff will also continue working to determine what investments offer residents of the Gaston Urban Area MPO a full range of real, practical mobility choices that suit their lifestyles and improve their lives. (\$7,488.00)
- II-B-17 Congestion Management Strategies Staff will work to preserve the functional integrity of the thoroughfare system by encouraging good access management practices. This will be done through coordination with municipal staffs and the development community. (\$4,680.00)
- II-B-18 Air Quality Planning Conformity Analysis The MPO must make a determination as to the conformity of the Long Range Transportation Plan to the State Implementation Plan (SIP) for air quality. Staff will work with NCDOT Transportation Planning Branch and other appropriate agencies to complete regional conformity efforts. (\$5,616.00)

### **TASK CODE III: ADMINISTRATION**

III-A Planning Work Program - Preparation of the annual Planning Work Program (PWP), and all related activities, is the objective of this category, along with the preparation of detailed task outlines as required by the Federal Transit Administration. (\$9,360.00)

III-B Transportation Improvement Program - Under this task code, staff will prepare the biennial Metropolitan Transportation Improvement Program (MTIP). Staff will also evaluate any new projects proposed to be added to the Unmet Needs List using the methodology approved by the Technical Coordinating Committee and Transportation Advisory Committee. (\$9,360.00)

### Task Code III-C: Civil Rights Compliance/Regulatory Requirements

- III-C-2 Environmental Justice Recipients of federal funds must comply with Executive Order 12898 regarding environmental justice. Staff will work to ensure public involvement of low-income and minority groups in decisions making, prevent disproportionately high and adverse impacts on low-income and minority groups and assure that a proportionate share of benefits are received. (\$6,552.00)
- III-C-6 Public Involvement Staff will initiate an effort to update the adopted Public Involvement Process to better reflect current planning activities and to ensure an open exchange of information and ideas. Create and maintain a new Gaston MPO logo and webpage. (\$7,488.00)

### Task Code III-D: Incidental Planning and Project Development

- III-D-l Transportation Enhancement Planning Staff will assist municipal staff members in applying for Transportation Enhancement funds and prepare endorsements for TAC approval. (\$7,020.00)
- III-D-2 Environmental Analysis and Pre-TIP Planning Projects on the adopted Thoroughfare Plan will be evaluated in the following areas: efficiency in serving travel demands, energy conservation, cost, and impact on the physical, social and economic environment. MPO staff will work with the TCC and Statewide Planning Branch to recommend projects for Pre- TIP Planning. (\$9,360.00)
- III-D-3 Special Studies Corridor studies will be initiated for projects on the adopted Comprehensive Transportation Plan (CTP) maps, which need to be evaluated in terms of alignment, feasibility, environmental impact and design. Activities currently underway (such as the Belmont-Mount Holly Loop and Gastonia-Mount Holly Connector corridor studies/functional designs) will continue, and additional functional designs will be pursued. Additional tasks will include engineering services, a pedestrian/bicycle design study along Franklin Boulevard for the City of Gastonia, Bike/Pedestrian design studies for the City of Mt. Holly, and Bessemer City, an intersection study for City of Lowell, the transportation element for a land use study for the Town of Cramerton, and a revenue creation study for Gaston County. (\$286,587.00)
- III-D-4 Regional and Statewide Planning Staff will continue to participate in activities of the Charlotte Regional Alliance for Transportation (CRAFT) and the North Carolina Association of MPOs. Also, a significant amount of time will be spent on the development of the Metrolina Regional Travel Demand Model. Staff will participate in other regional planning efforts and workshops as required. (\$40,854.00)

- III-D-5 Corridor Protection Staff will continue to participate in activities such as adoption of the model right-of-way protection ordinances and/or new subdivision ordinances. Staff will also continue to monitor conformance with the adopted Gaston Urban Area Comprehensive Transportation Plan (CTP) maps through the review of proposed site plans, subdivisions and rezonings for local governments. To better protect the corridor of the Garden Parkway (US 321/74 Bypass), staff will meet with applicable planning boards and governing bodies to adopt subdivision and zoning ordinance amendments that validate and reinforce the corridor plan. (\$7,488.00)
- III-E: Management and Operations Within this task code, staff planners will: attend the meetings of and prepare the agendas and minutes for the various committees it serves; document expenditures; file for reimbursement of expenditures; attend training sessions; and generally, manage all functions of the MPO. Administrative staff will also perform work in this task code. The Prospectus, Memorandum of Understanding and any other administrative agreements or procedures will be updated if necessary. Further, assistance and information will be provided to other agencies, the press, developers and the general public in regard to transportation-related issues. (\$67,392.00)

Table 1
Gaston Urban Area Planning Work Program Amendment
Fiscal Year 2011 Expenditures (without SPR Funding)
(July 1, 2011 through June 30, 2012)

Task Code	Description				
II - Contir	nuing Transportation Planning	Federal	State*	LPA	Total
II-A	Surveillance of Inventory Data				
II-A-1	Traffic Volume Counts	\$3,900		\$780	\$4,680
II-A-4	Traffic Accidents	\$3,900		\$780	\$4,680
II-A-5	Transit System Data	\$3,699	\$462	\$462	\$4,624
II-A-10	Mapping	\$15,600		\$3,120	\$18,720
II-A-12	Bicycle & Pedestrian Facilities Inventory	\$4,010		\$802	\$4,812
	Surveillance of Inventory Data - Sub-Total	\$31,109	\$462	\$5,944	\$37,516
II-B	Long Range Transportation Plan (LRTP)				
II-B-3	Travel Model Updates	\$31,437		\$6,287	\$37,725
II-B-7	Forecasts of Future Travel Patterns	\$5,850		\$1,170	\$7,020
II-B-8	Capacity Deficiency Analysis	\$4,680		\$936	\$5,616
II-B-9	Highway Element of the LRTP	\$1,170		\$234	\$1,404
II-B-10	Transit Element of the LRTP	\$18,330	\$2,291	\$2,291	\$22,912
II-B-11	Bicycle and Pedestrian Element of the LRTP	\$2,340		\$468	\$2,808
II-B-14	Rail, Water or other mode of LRTP	\$3,900		\$780	\$4,680
II-B-15	Freight Movement/Mobility Planning	\$6,240		\$1,248	\$7,488
II-B-17	Congestion Management Strategies	\$3,900		\$780	\$4,680
II-B-18	Air Quality Planning/Conformity Analysis	\$4,680		\$936	\$5,616
	Sub-Total	\$82,527	\$2,291	\$15,131	\$99,949
III - ADMIN	NISTRATION				
III-A	Planning Work Program				
	Planning Work Program	\$7,800		\$1,560	\$9,360
	Sub-Total	\$7,800		\$1,560	\$9,360
III-B	Transportation Improvement Program				
	Transportation Improvement Program	\$7,800		\$1,560	\$9,360
	Sub-Total	\$7,800		\$1,560	\$9,360
III-C	Civil Rights Compliance/Regulatory Requirements				
III-C-2	Environmental Justice	\$5,460		\$1,092	\$6,552
III-C-6	Public Involvement	\$6,240		\$1,248	\$7,488
	Sub-Total	\$11,700		\$2,340	\$14,040
III-D	Incidental Planning & Project Development				
III-D-1	Transportation Enhancement Planning	\$5,850		\$1,170	\$7,020
III-D-2	Environmental Analysis & Pre-TIP Planning	\$7,800		\$1,560	\$9,360
III-D-3	Special Studies	\$238,823		\$47,765	\$286,587
III-D-4	Regional and Statewide Planning	\$34,045		\$6,809	\$40,854
III-D-5	Corridor Protection	\$6,240		\$1,248	\$7,488
	Sub-Total	\$292,757		\$58,551	\$351,309
III-E	Management and Operations				
	Management and Operations	\$56,160		\$11,232	\$67,392
	Sub-Total	\$56,160		\$11,232	\$67,392
	TOTALS	\$489,853	\$2,754	\$96,319	\$588,925

2011/2012 PL Funds	
FY 11-12 Annual PL (104f) Allocation	\$259,000
FY10-11 Un-Rescended Funds	\$208,824
5303 Transit Funds	\$22,029
TOTAL	\$489,853

# Table 2 Agency Spending Gaston Urban Area Unified Planning Work Program Amendment Fiscal Year 2011-2012 Revenues

		Sec. 10	4(f) PL		Sec. 5303			Sec. 5307			у		
Task		FHWA	LPA	FTA	NCDOT	LPA	FTA	NCDOT	LPA	Federal	State*	LPA	Total
Code	Description	80%	20%	80%	10%	10%	80%	10%	10%				
II-A	Continuing Transportation Planning												
II-A-1	Traffic Volume Counts	\$3,900	\$780							\$3,900		\$780	\$4,680
II-A-4	Traffic Accidents	\$3,900	\$780							\$3,900		\$780	\$4,680
II-A-5	Transit System Data			\$3,699	\$462	\$462				\$3,699	\$462	\$462	\$4,624
II-A-10	Mapping	\$15,600	\$3,120							\$15,600		\$3,120	\$18,720
II-A-12	Bicycle & Pedestrian Facilities Inventory	\$4,010	\$802							\$4,010		\$802	\$4,812
II-B	Long Range Transportation Plan (LRTP)												
II-B-3	Travel Model Updates	\$31,437	\$6,287							\$31,437		\$6,287	\$37,725
II-B-5	Forecasts of Future Travel Patterns	\$5,850	\$1,170							\$5,850		\$1,170	\$7,020
II-B-8	Capacity Deficiency Analysis	\$4,680	\$936							\$4,680		\$936	\$5,616
II-B-9	Highway Element of the LRTP	\$1,170	\$234							\$1,170		\$234	\$1,404
II-B-10	Transit Element of the LRTP			\$18,330	\$2,291	\$2,291				\$18,330	\$2,291	\$2,291	\$22,912
II-B-11	Bicycle and Pedestrian Element of the LRTP	\$2,340	\$468							\$2,340		\$468	\$2,808
II-B-15	Rail, Water or other mode of LRTP	\$3,900	\$780							\$3,900		\$780	\$4,680
II-B-14	Freight Movement/Mobility Planning	\$6,240	\$1,248							\$6,240		\$1,248	\$7,488
II-B-17	Congestion Management Strategies	\$3,900	\$780							\$3,900		\$780	\$4,680
II-B-18	Air Quality Planning/Conformity Analysis	\$4,680	\$936							\$4,680		\$936	\$5,616
III-A	Planning Work Program	\$7,800	\$1,560							\$7,800		\$1,560	\$9,360
III-B	Transportation Improvement Program	\$7,800	\$1,560							\$7,800		\$1,560	\$9,360
III-C	Civil Rights Compliance/Regulatory Requirements												
III-C-2	Environmental Justice	\$5,460	\$1,092							\$5,460		\$1,092	\$6,552
III-C-6	Public Involvement	\$6,240	\$1,248							\$6,240		\$1,248	\$7,488
III-D	Incidental Planning & Project Development												
III-D-1	Transportation Enhancement Planning	\$5,850	\$1,170							\$5,850		\$1,170	\$7,020
III-D-2	Environmental Analysis & Pre-TIP Planning	\$7,800	\$1,560							\$7,800		\$1,560	\$9,360
III-D-3	Special Studies	\$238,823	\$47,765							\$238,823		\$47,765	\$286,587
III-D-4	Regional and Statewide Planning	\$34,045	\$6,809							\$34,045		\$6,809	\$40,854
III-D-5	Corridor Protection	\$6,240	\$1,248							\$6,240		\$1,248	\$7,488
III-E	Management and Operations	\$56,160	\$11,232							\$56,160		\$11,232	\$67,392
TOTALS	Totals	\$467,825	\$93,565	\$22,029	\$2,754	\$2,754				\$489,853	\$2,754	\$96,319	\$588,925

### Table #3 Anticipated DBE Contracting Opportunities for FY11-12

Name of MPO: <u>Gaston Urban Area MPO</u>

Person Completing Form: <u>James H. Graham. Jr., AICP</u> Telephone Number: <u>704-854-6663</u>

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-A-5	Transit System Data	City of Gastonia	Consultant	\$3,699.00	\$4,624.00
II-B-3	Travel Model Updates	Gaston Urban Area MPO	Consultant	\$31,437.00	\$37,725.00
II-B-10	Transit Element of LRTP	Gaston Urban Area MPO	Consultant	\$18,330.00	\$22,912.00
III-D-3	Engineering Services	City of Gastonia	Consultant	\$20,000.00	\$24,000.00
III-D-3	Franklin Blvd. Corridor Design Study	City of Gastonia	Consultant	\$40,000.00	\$48,000.00
III-D-3	Transportation Plan	Town of Cramerton	Consultant	\$10,000.00	\$12,000
III-D-3	Sidewalk Design	City of Mt. Holly	Consultant	\$22,941.00	\$27,529.00
III-D-3	Intersection Study	City of Lowell	Consultant	\$22,941.00	\$27,529.00
III-D-3	Sidewalk Design	Bessemer City	Consultant	\$22,941.00	\$27,529.00
III-D-3	Revenue Creation Study	Gaston County	Consultant	\$100,000.00	\$120,000.00

Note: This form <u>must</u> be submitted to NCDOT-PTD <u>even if</u> you anticipate <u>no</u> DBE contracting opportunities. Note "No contracting opportunities" on the table if you do not anticipate having any contracting opportunities.

### Table #4

Gaston Urban Area MPO
Proposed Sections 104 (f), 5303 5307
FY 11-12 Funding Sources Table and Task Narrative

5 Task Objective	Gaston Urban Area 442301 II-A-1 Traffic Volume Counts  Vehicle counts will be collected as needed throughout the Gaston Urban Area in support of corridor studies and other analyses. Staff will	Gaston Urban Area 442301 II-A-4 Traffic Accidents  Accident counts will be collected	Gaston Urban Area 442400 II-A-5 Transit System Data To collect and study data as needed	Gaston Urban Area 442301 II-A-10 Mapping	Gaston Urban Area 442301 II-A-12 Bike & Ped. Facilities Inventory	Gaston Urban Area 442301 II-B-3 Travel Model Updates	Gaston Urban Area 442301 II-B-7 Forecast of Future Travel Patterns	Gaston Urban Area 442301 II-B-8 Capacity Deficiency Analysis	Gaston Urban Area 442301 II-B-9 Highway Element of the LRTP	Gaston Urban Area 442400 II-B-10 Transit Element of LRTP	Gaston Urban Area 442301 II-B-11 Bicycle and Pedestrian Element of LRTP
3 Task Code 4 Title of Planning Task 5 Task Objective	II-A-1  Traffic Volume Counts  Vehicle counts will be collected as needed throughout the Gaston Urban Area in support of corridor	II-A-4  Traffic Accidents  Accident counts will be collected	II-A-5 Transit System Data	II-A-10	II-A-12	II-B-3	II-B-7	II-B-8	II-B-9	II-B-10	II-B-11
4 Title of Planning Task 5 Task Objective	Traffic Volume Counts  Vehicle counts will be collected as needed throughout the Gaston Urban Area in support of corridor	Traffic Accidents  Accident counts will be collected	Transit System Data	-		-					
5 Task Objective	needed throughout the Gaston Urban Area in support of corridor		To collect and study data as peeded								
	also evaluate the accuracy of counts collected by NCDOT.	throughout the Gaston Urban Area in support of corridor studies and other analyses. Accidents will be mapped and evaluated for accuracy.	related to the operation of Gastonia Transit and for efforts recommended in the Community Transportation Services Plan (CTSP) for the Gaston County Access Transportation System.	Utilize Arc GIS to map all Transportation Planning activities and needs	Collect and map bicycle and sidewalk data	Conduct necessary data collection for updated model runs	Forecast roadway projects for each horizon year	Review and coordinate transportation improvements when needed	Forecast highway projects for each horizon year	To implement the issues raised through the Community Transportation Services Plan (CTSP), and monitor the Transit Element of the 2030 Multi-Modal Long Range Transportation Plan and the USEPA 8-Hour Ozone Non- Attainment Conformity Report.	Bicycle and pedestrian projects for each horizon year
6 Tangible Product Expected	Updated traffic volume counts for major and minor thoroughfares within the Gaston MPO Area	Updated traffic accident counts and location for major and minor thoroughfares within the Gaston MPO Area	Complete a Gastonia Transit Expansion Study. Conduct an annual boarding and alighting ridership study/survey regarding current routes and potential new routes for Gastonia Transit and the Gastonia Express Bus Route (85X) for Charlotte Area Transit (CATS). Continue to incorporate data	data. Create and transfer	Update Gaston MPO Map depicting all collected data	Vehicle Miles Traveled (VMT) counts. Update socio economic data for new 2005 base year.	Data input for Travel Domand Model	Capacity tables for transportation facilities county-wide	Data input for Travel Demand Model	Implement policies and recommendations specified in the West Corridor Transit Alternatives Study. Completion of Franklin/Wilkinson Boulevard Transit Corridor Improvement Study. Staff will also work with Gastonia Transit and Gaston County ACCESS to implement CTSP recommended transit changes and work with CATS to improve express bus service. (5003 funds)	Updated data and information for the 2035 Gaston MPO LRTP
7 Expected Completion Date of Product(s)	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012
8	Input NCDOT counts into excel spreadsheet and link maps to webpage	Coordinate and collect local data with local police	In 2009, MPO staff worked the Gastonia Transit staff on a new route analysis. Some current routes were modified and new route maps and ridership data for analysis are in the 2035 Long Range Transportation Plan.	Continuous	Ongoing	Ongoing	Ongoing	As needed	2010	Worked to implement Express Bus service to Charlotte, pursued future rail options and examined enhancements to the fixed route system and rural transportation; worked with consultant in completion of the Community Transportation Services Plan.	Ongoing
9 Prior FTA Funds	0	0	FY'10-11: \$5,780 programmed	0	0	0	0	0	0	FY'08-'09: \$20,416 programmed	0
	Data will be used to access existing and proposed travel demand and roadway congestion.	Data will be used to access existing and proposed travel demand, roadway congestion, and safety.	Data will be collected in support of work included in the "Transit Element of LRTP."	Utilize Arc GIS to map all Transportation Planning activities and needs	Use updated data to supplement and improve Bike and Pedestrian activities and planning efforts.		any other years determined	Staff will utilize transportation modeling analysis to determine whether existing roadway segments are deficient in capacity flows. This effort will primarily occur during the review of proposed land developments	Staff will make any necessary adjustments and amendments to the adopted Thoroughfare Plan based on corridor studies done to refine alignments. These changes need to be coordinated with all necessary governing boards and NCDOT. Further, any amendments which are proposed through the County Comprehensive Plan process will be reviewed	Work in this task code is related to work being done under the task codes "Transit System Data" (data collection) and "Regional or Statewide Planning" (West Corridor study).	Staff will continue to work with NCDOT Division of Bicycle & Pedestrian Planning to publish the Gaston Urban Area bicycle route map. This may was completed in FY 2003-2004 and adopted by the Transportation Advisory Committee. We will continue to encourage the design of future transportation improvements which accommodate alternate modes of transportation.
11 Agency Responsible for Task Completion	NCDOT, & Gaston MPO	NCDOT, & Gaston MPO	Gaston Urban Area MPO, Charlotte Area Transit (CATS), and consultants.	Gaston MPO	Gaston MPO	NCDOT, & Gaston MPO	NCDOT, & Gaston MPO	Gaston MPO	NCDOT, & Gaston MPO	City of Gastonia Transportation Planning Dept. in conjunction with NCDOT Public Transportation Division, Gastonia Transit, Gaston County ACCESS and consultant (yet to be determined).	Gaston MPO
12 SPR - Highway - NCDOT 20%	+				+		+		†		
13 SPR - Highway - FHWA 80%	+				+		+		<del> </del>		
14 Section 104 (f) PL Local 20%	\$780	\$780		\$3,120	\$802	\$6.287	\$1,170	\$936	\$234		\$468
15 Section 104 (f) PL FHWA 80%	\$3.900	\$3,900		\$15,600	\$4.010	\$31.437	\$5,850	\$4.680	\$1.170		\$2,340
16 Section 104 (1) FE F1WA 60 %	ψ0,500	ψ5,500	\$462	ψ10,000	φτ,στο	ψ01,τσ1	ψ0,000	ψ+,000	ψ1,170	\$2,291	ψε,υτυ
17 Section 5303 LOCAL 10%			\$462 \$462				+		<u> </u>	\$2,291	
						+	+	·	+	\$18,330	
			83 699								
18 Section 5303 FTA 80%			\$3,699				+	<u> </u>	<del> </del>	\$18,330	
18 Section 5303 FTA 80% 19 Section 5307 Transit - Local 10%			\$3,699							\$18,330	
18 Section 5303 FTA 80%			\$3,699							\$18,330	

### Table #4

Gaston Urban Area MPO
Proposed Sections 104 (f), 5303 5307
FY 11-12 Funding Sources Table and Task Narra

		FY 11-12 Funding Sources Table and Task Narrative											
Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301	Gaston Urban Area 442301
II-B-14	II-B-15	II-B-17	II-B-18	III-A	III-B	III-C-2	III-C-6	III-D-1	III-D-2	III-D-3	III-D-4	III-D-5	III-E
Rail, Water or other Mode of LRTP	Freight Movement/Mobility Planning	Congestion Management Strategies	Air Quality Planning/Conformity Analysis	Planning Work Program	Transportation Improvement Program	Environmental Justice	Public Involvement	Transportation Enhancement Planning	Enviro. Analysis & Pre-TIP Plng.	Special Studies	Regional and Statewide Planning	Corridor Protection	Management & Operations
Piedmont and Northern Rail Road Renovation and Redevelopment	Conduct study of Freight traffic within the Gaston MPO area	Conduct traffic congestion management actives when needed	Conduct training on various air quality modeling techniques	Prepare and implement an annual PWP	Review all aspects of the TIP to recommend changes when necessary	Implement an aggressive environment justice awareness program	Increase and improve Gaston MPO Public Involvement	Coordinate with unit member local governments to prepare enhancement project applications	Review past and present TIP's and propose necessary changes for proposed TIP changes	Conduct corridor studies and functional designs for Gaston MPO thoroughfares in terms of alignment, feasibility, environmental impact and design.	Coordinate with regional transportation partners, MPO local governments, and NCDOT on regionally significant projects		Perform Management duties of the Gaston MPO. Maintain the Prospectus, Memorandum of Understanding and any other administrative agreements or procedures will be updated if necessary
Updated data and information for the 2035 Gaston MPO LRTP	Report documenting freight traffic within the Gaston MPO area	modeling output for land development proposals	Implement various measures and programs to decrease ozone and its component parts	An annual PWP that is comprehensive and beneficial to the Gaston MPO public	Funded TIP projects that demonstrate the greatest need	Policy document that outlines Gaston MPO's Environmental justice efforts and standards	Create a public involvement Plan for the Gaston MPO area	Obtain NCDOT Enhancement Grant Applications	New TIP projects that portray the greatest need	Completed functional designs for Gaston MPO Thoroughfares	Regional Coordination	ROW dedication and construction	
6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012	6/30/2012
Ongoing	None	None	Annually	Annually	Annually	Ongoing	Annually	Ongoing	Annually	Annually	On-Going	On-Going	On-Going
0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staff will continue to work with NCDOT Rail Division and its leasee to renovate and redevelop the P&N Railroad Corridor for Freight and Economic Development purposes.	Further detailed study will be conducted on rail and heavy truck freight traffic within the MPO area. The MPO will also study a full range of real, practical mobility choices the suit the lifestyles and improve the lives of the residents within the MPO.	Staff will work to preserve the functional integrity of the thoroughfare system by encouraging good access management practices. This will be done through coordination with municipal staffs and the development community.		Preparation of the annual Planning Work Program (PWP), and all related activities, is the objective of this category, along with the preparation of detailed task outlines as required by the Federal Transit Administration.	Under this task code, staff will prepare the biennial Metropolitan Transportation Improvement Program (MTIP). Staff will also evaluate any new projects proposed to be added to the Unmet Needs List using the methodology approved by the Technical Coordinating Committee and Transportation Advisory  Committee	Recipients of federal funds must comply with Executive Order 12898 regarding environmental justice. Staff will work to ensure public involvement of low-income and minority groups in decisions making, prevent disproportionately high and adverse impacts on low-income and minority groups and assure that a proportionate share of benefits are received	Staff will initiate an effort to update the adopted Public Involvement Process to better reflect current planning activities and to ensure an open exchange of information and ideas	Staff will assist municipal staff members in applying for Transportation Enhancement funds and prepare endorsements for TAC approval.	Projects on the adopted Thoroughfare Plan will be evaluated in the following areas: efficiency in serving travel demands, energy conservation, cost, and impact on the physical, social and economic environment. MPO staff will work with the TCC and Statewide Planning Branch to recommend projects for Pre-TIP Planning	design including \$20,000 for engineering services. Local planning activities include \$100,000 for Gaston County study to determine the feasibility of a revenue creation	in activities of the Charlotte Regional Alliance for Transportation (CRAFT) and	with the adopted Gaston Urban Area Comprehensive	the agendas and prepare MPO meeting minutes for MPO boards and committees, document expenditures; file for reimbursement of
Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	Gaston MPO	City of Gastonia Transportation Planning Dept. in conjunction with NCDOT Public Transportation Division, City of Gastonia, City of Lowell, City of Bessemer City, City of Mt. Holly, and the City of Crametron and Gaston County.	Gaston MPO	Gaston MPO	Gaston MPO
\$780	\$1,248	\$780	\$936	\$1,560	\$1,560	\$1,092	\$1,248	\$1,170	\$1,560	\$47,765	\$6,809	\$1,248	\$11,232
\$3,900	\$6,240	\$3,900	\$4,680	\$7,800	\$7,800	\$5,460	\$6,240	\$5,850	\$7,800	\$238,823	\$34,045	\$6,240	\$56,160
			1					1	1				

# FISCAL YEAR 2011-2012 UNIFIED PLANNING WORK PROGRAM (UPWP) FOR THE GASTON URBAN AREA METROPOLITAN PLANNING ORGANIZATION

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Gaston Urban Area; and

WHEREAS, The City of Gastonia, as Lead Planning Agency for the Gaston Urban Area, has been designated as the recipient of FTA Section 5303 Metropolitan Planning Program grant funds, FTA Section 5307 Transit Administration Program grant funds and FHWA Section 104(f) Planning grant funds; and

WHEREAS, members of the Metropolitan Planning Organization Transportation Advisory Committee agree that the Planning Work Program will effective advance the transportation planning for FY 2011-2012;

### NOW, THEREFORE BE IT RESOLVED

- 1. That the Transportation Advisory Committee (TAC) of the Metropolitan Planning Organization (MPO) hereby endorses and approves the Unified Planning Work Program for FY 2011-2012 for the Gaston Urban Area.
- 2. The total UPWP budget amount is now \$588,925.00.
- 3. The Chairperson of the Transportation Advisory Committee TAC is hereby authorized to make changes in this program that do not materially affect the scope of this Unified Planning Work Program (UPWP) and is further authorized to make budget changes to this UPWP not to exceed 10 percent (10%) of the total budget approved by the state of North Carolina Department of Transportation (DOT) without prior consultation with the TAC.
- 4. That the Principal Transportation Planner is authorized to furnish such additional information to the United States DOT and the North Carolina DOT that they may require in connection with the application and implemented for the Program Projects.

A motion was made by <u>Dave Kir. Lin</u> and seconded by <u>Rick Coleman</u> for the adoption of the following resolution, and upon being put to a vote was duly adopted.

I, **Joe D. Carpenter**, Chairperson of the Transportation Advisory Committee for the Gaston Urban Area, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Transportation Advisory Committee of the Gaston Urban Area, duly held on the 22<sup>nd</sup> day of March 2011.

Joe D. Carpenter, TAC Chairperson

Gaston Urban Area Metropolitan Planning Organization

### ATTESTED:

James H. Graham, Jr., AICP, Principal Transportation Planner

Gaston Urban Area MPO Coordinator

Cathler L. Roberts

I, Cathleen L. Roberts, a Notary Public for said County and State, do hereby certify that **Joe D.** Carpenter personally appeared before me on this the 22nd day of March, 2011, and acknowledge the due execution of the foregoing instrument.

COMMISSION EXPIRES

Witness my hand and official seal, this the 22nd day of March, 2011.

Cathleen L. Roberts

Notary Public