

**GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION
UNIFIED PLANNING WORK PROGRAM
FISCAL YEAR 2016-2017
2nd AMENDMENT**



Adoption Date

December 7, 2016

Prepared for:

City of Gastonia, NC
Gaston-Cleveland-Lincoln MPO Board
Federal Transit Administration
Federal Highway Administration, and
North Carolina Department of Transportation

**AMENDED
UNIFIED PLANNING WORK PROGRAM
PROGRAM DESCRIPTION FOR FY 2016-2017
GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION
2nd AMENDMENT
JULY 1, 2016 -JUNE 30, 2017**

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-Cleveland-Lincoln Metropolitan Planning Organization (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) Transportation 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 Transportation 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.

In addition to receiving annual Transportation Planning and Transit Planning grant allocations, the GCLMPO also receives an annual allocation of State Planning and Research (SPR) funds. SPR funds are provided to cover the expanded responsibilities generated from the consolidation of the Gaston Urban Area MPO and the Lake Norman Rural Planning Organization (LNRPO). Annual SPR funds total \$93,750.00 (100%) comprised of \$75,000.00 (80%) and a local match of \$18,750.00 (20%). The current SPR funding contract with NCDOT specifies that Transportation Planning (PL) funds shall be spent prior to SPR funds. This amendment is procedural and necessary in order for the GCLMPO to be able to drawdown Transportation Planning (PL) and SPR funds concurrently.

The following section outlines the work to be completed in fiscal year 2016-2017 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-1 Traffic Volume Counts - Vehicle counts will be collected as needed throughout the Gaston-Cleveland-Lincoln MPO 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. (\$5,500.00)

- II-A-4 Traffic Accidents – Analysis of unit member local government vehicular accident reports will be conducted. The data will be used to determine whether roadway safety improvements are necessary. (\$5,500.00)

- 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. The City of Gastonia will continue to complete an efficiency study of the current system to find way to improve overall efficiency. GCLMPO and Gastonia Transit staff will continue to utilize “Remix Transit Plannint software to improve routes and data collect ion efforts. (\$25,000.00)

- II-A-10 Mapping - Maps will be created for various projects such as corridor studies, transit planning and corridor protection activities. (\$22,000.00)

- II-A-12 Bicycle and Pedestrian Facilities Inventory – During the fiscal year, work will continue on the completing a sidewalk, bicycle facilities, 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. (\$24,000.00)

Task Code II-B: Metropolitan Transportation Plan (MTP)

- 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-Cleveland-Lincoln Metropolitan planning area as needed. (\$20,000.00)

- 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. (\$6,000.00)

- 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. (\$9,000.00)

- II-B-9 Highway Element of the LRTP - Staff will make any necessary adjustments and amendments to the adopted Metropolitan Transportation 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 Gaston County Land Use Plan will be reviewed. (\$25,000.00)
- II-B-10 Transit Element - Implement policies and recommendations specified in the previous Transit Studies. Staff will also work with Gastonia Transit and each of the three member counties demand response transit services to implement the Coordinated Comprehensive Transportation Plan (CCTP) recommended transit changes and work with CATS to improve express bus service. The City of Gastonia will prepare and complete an efficiency study of the current system to find way to improve overall efficiency. (5303 funds) (\$14,000.00)
- II-B-11 Bicycle and Pedestrian Element of the MTP - Staff will continue to work with NCDOT Division of Bicycle & Pedestrian Planning to publish the Gaston County bicycle route map. The original map was completed in FY 2003-2004 and adopted by the Transportation Advisory Committee. Staff will work on updating this map this fiscal year and print \$5,000.00 worth of new map copies. We will continue to encourage the design of future transportation improvements that accommodate alternate modes of transportation. (\$22,000.00)
- II-B-14 Rail, Water or other mode of MTP – 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. In addition to rail efforts, MPO staff will work with unit member local governments along river corridors to research and implement blueways transportation activities. (\$9,000.00)
- 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-Cleveland-Lincoln MPO a full range of real, practical mobility choices that suit their lifestyles and improve their lives. (\$20,000.00)
- 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. (\$20,000.00)
- II-B-18 Air Quality Planning Conformity Analysis - The MPO must make a determination as to the conformity of the MTP 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. (\$10,000.00)

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. (\$10,000.00)

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 MPO Board. (\$10,000.00)

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. (\$15,000.00)

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-Cleveland-Lincoln MPO logo and webpage. (\$26,519.00)

Task Code III-D: Incidental Planning and Project Development

III-D-3 Special Studies – Various Planning and Engineering Services will be completed. The City of Lowell will work on a Downtown Transportation Plan. Gaston County will complete an update of its Land Use Plan, including the Transportation Element. A Freight Plan will be conducted for the Metrolina Region. NCDOT will be conducting an Interstate Ramp Metering Feasibility Study along the I-85 Corridor will be completed. Purchase “Community Viz Scenario Planning Software” and assist with the initial database creation. Metrolina Regional Model work will continue. Additional transportation corridor functional designs may be pursued. (\$70,000.00)

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. (\$52,800.00)

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 continue to monitor conformance with the adopted Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan (CTP) maps through the review of proposed site plans, subdivisions and rezonings for local governments. (\$15,930.00)

III-E: Management and Operations - 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. The Prospectus, Memorandum of Understanding and any other administrative agreements or procedures will be updated as necessary. Assistance and information will be provided to other agencies, the press, developers and the general public in regard to transportation-related issues. (\$93,750.00)

2nd AMENDMENT

**FISCAL YEAR 2016-2017 UNIFIED PLANNING WORK PROGRAM (UPWP)
FOR THE GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION**

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

WHEREAS, The City of Gastonia, as Lead Planning Agency for the Gaston-Cleveland-Lincoln MPO Planning 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(d) Planning grant funds; and

WHEREAS, members of the Metropolitan Planning Organization Board (MPO Board) agree that the Planning Work Program will effectively advance the transportation planning process for FY 2016-2017;

NOW, THEREFORE BE IT RESOLVED

1. That the MPO Board of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (MPO) hereby endorses and approves the Amended Unified Planning Work Program for FY 2016-2017.
2. The total UPWP budget amount remains \$530,999.00.
3. The Transportation Planning Grant – Section 104(d)/SPR amount is \$306,649.00.
4. The Transit Planning Grant – Section 5303 amount is \$39,000.00.
5. The approved Local Government share match is \$152,662.00.
6. A three (3) member Executive Committee with one (1) municipal or county representative from each GCLMPO member county 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 Board.
7. The Principal Transportation Planner/MPO Coordinator 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 implementation for the Program.

A motion was made by _____ and seconded by _____ for the adoption of the following resolution and upon being put to a vote was duly adopted.

I, _____, Chairperson of the MPO Board for the Gaston-Cleveland-Lincoln MPO Area, do hereby certify the UPWP budget for fiscal year 2016-2017 of the Gaston-Cleveland-Lincoln, duly held on the 7th day of December, 2016.

Todd Pierceall, MPO Board Chairperson
Gaston-Cleveland-Lincoln Metropolitan Planning Organization

ATTESTED:

James H. Graham, Jr., AICP, Principal Transportation Planner/
Gaston-Cleveland-Lincoln MPO Coordinator

North Carolina
Gaston County

I, **Vicki G. Wright**, a Notary Public for said County and State, do hereby certify that **Todd Pierceall** personally appeared before me on this the 7th day of December, 2016, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of December, 2016.

Sovara G. Wright
Notary Public

**RESOLUTION CERTIFYING THE GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION PLANNING
PROCESS FOR FY 2016-2017**

WHEREAS, the Board has found that the 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;

WHEREAS, the Board has found the transportation planning process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d) **(for nonattainment and maintenance areas only)**;

WHEREAS, the Board has found the Transportation Planning Process 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;

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

WHEREAS, the Board has considered how the Transportation Planning Process will affect the elderly and the 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;

WHEREAS, the Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Improvement Program is a subset of the currently conforming Gaston-Cleveland-Lincoln MPO 2040 Metropolitan Transportation Plan; **(nonattainment and maintenance areas only)**

WHEREAS, the Metropolitan Transportation Plan has a planning horizon year of 2040, and meets all the requirements for an adequate Transportation Plan,

NOW THEREFORE, be it resolved that the Gaston-Cleveland-Lincoln MPO Board certifies the transportation planning process for the Gaston-Cleveland-Lincoln Metropolitan Planning Organization on this the 7th day of December, 2016.

Todd Pierceall, MPO Board Chairman
Gaston-Cleveland-Lincoln MPO

ATTESTED:

James H. Graham, Jr. AICP, Principal Transportation Planner/
Gaston-Cleveland-Lincoln MPO Coordinator

Resolution adopted upon a motion of _____, seconded by _____,
by a vote of the majority of the Gaston-Cleveland-Lincoln MPO Board.

North Carolina
Gaston County

I, **Sovara G. Wright**, a Notary Public for said County and State, do hereby certify that Todd Pierceall personally appeared before me on this the 7th day of December, 2016, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of December, 2016.

Sovara G. Wright
Notary Public

Table 1
Gaston Cleveland Lincoln Unified Planning Work Program
Fiscal Year 2016-2017 Expenditures (with SPR Funding)
(July 1, 2016 through June 30, 2017)

2nd AMENDMENT

Task Code	Description	Fund Allocation			2 nd Amendment Totals
		Federal	State	LPA	
II - CONTINUING TRANSPORTATION PLANNING					
II-A	Surveillance of Inventory Data				
II-A-1	Traffic Volume Counts	\$4,400		\$1,100	\$5,500
II-A-4	Traffic Accidents	\$4,400		\$1,100	\$5,500
II-A-5	Transit System Data	\$20,000	\$2,500	\$2,500	\$25,000
II-A-10	Mapping	\$17,600		\$4,400	\$22,000
II-A-12	Bicycle & Pedestrian Facilities Inventory	\$19,200		\$4,800	\$24,000
	Sub-total	\$65,600	\$2,500	\$13,900	\$82,000
II-B	Long Range Transportation Plan (LRTP)				
II-B-3	Travel Model Updates	\$16,000		\$4,000	\$20,000
II-B-7	Forecasts of Future Travel Patterns	\$4,800		\$1,200	\$6,000
II-B-8	Capacity Deficiency Analysis	\$7,200		\$1,800	\$9,000
II-B-9	Highway Element of the LRTP	\$20,000		\$5,000	\$25,000
II-B-10	Transit Element of the LRTP	\$11,200	\$1,400	\$1,400	\$14,000
II-B-11	Bicycle and Ped. Element of the LRTP	\$17,600		\$4,400	\$22,000
II-B-14	Rail, Water or other mode of LRTP	\$7,200		\$1,800	\$9,000
II-B-15	Freight Movement/Mobility Planning	\$16,000		\$4,000	\$20,000
II-B-17	Congestion Management Strategies	\$16,000		\$4,000	\$20,000
II-B-18	Air Quality Plng/Conformity Analysis	\$8,000		\$2,000	\$10,000
	Sub-total	\$124,000	\$1,400	\$29,600	\$155,000
III - ADMINISTRATION					
III-A	Planning Work Program				
	Planning Work Program	\$8,000		\$2,000	\$10,000
	Sub-Total	\$8,000		\$2,000	\$10,000
III-B	Transportation Improvement Program				
	Transportation Improvement Program	\$8,000		\$2,000	\$10,000
	Sub-Total	\$8,000		\$2,000	\$10,000
III-C	Civil Rights Compliance/Regulatory Requirements				
III-C-2	Environmental Justice	\$12,000		\$3,000	\$15,000
III-C-6	Public Involvement	\$21,215		\$5,304	\$26,519
	Sub-Total	\$33,215		\$8,304	\$41,519
III-D	Incidental Planning & Project Development				
III-D-3	Special Studies	\$56,000		\$14,000	\$70,000
III-D-4	Regional and Statewide Planning	\$42,240		\$10,560	\$52,800
III-D-5	Corridor Protection	\$12,744		\$3,186	\$15,930
	Sub-Total	\$110,984		\$27,746	\$138,730
III-E	Management and Operations				
	Management and Operations	\$75,000		\$18,750	\$93,750
	Sub-Total	\$75,000		\$18,750	\$93,750
TOTALS		\$424,799	\$3,900	\$102,300	\$530,999

2016/2017 Federal PL & 5303 Funds	
	Amended Funding
FY 16-17 MPO (104(d) Allocation	\$231,649
SPR/RPO Allocation	\$75,000
Total GCLMPO PL (104(d) Annual Allocation	\$306,649
Total Shared PL (104(d) Local Match	\$76,662
Unobligated Funds	\$25,106
Unobligated Funds Match	\$6,277
Total Unobligated Funds with Local Match	\$31,383
Sub Total	\$414,694
Total PL	\$414,694
5303 Transit Funds	\$39,000
TOTAL Grant (PL, SPR, Unobligated & 5303) Funds	\$453,694

Table 2
Agency Spending
Gaston Cleveland Lincoln MPO Unified Planning Work Program
Fiscal Year 2016-2017 Revenues

Task Code	Description	SPR			Sec. 104(d) PL		Sec. 5303			Sec. 5307			Task Funding Summary			
		NCDOT	LPA	Total	FHWA	LPA	FTA	NCDOT	LPA	FTA	NCDOT	LPA	Federal	State*	LPA	Total
		80%	20%	100%	80%	20%	80%	10%	10%	80%	10%	10%				
II-A	Continuing Transportation Planning															
II-A-1	Traffic Volume Counts				\$4,400	\$1,100							\$4,400		\$1,100	\$5,500
II-A-4	Traffic Accidents				\$4,400	\$1,100							\$4,400		\$1,100	\$5,500
II-A-5	Transit System Data						\$20,000	\$2,500	\$2,500				\$20,000	\$2,500	\$2,500	\$25,000
II-A-10	Mapping				\$17,600	\$4,400							\$17,600		\$4,400	\$22,000
II-A-12	Bicycle & Pedestrian Facilities Inventory				\$19,200	\$4,800							\$19,200		\$4,800	\$24,000
II-B	Long Range Transportation Plan (LRTP)															
II-B-3	Travel Model Updates				\$16,000	\$4,000							\$16,000		\$4,000	\$20,000
II-B-5	Forecasts of Future Travel Patterns				\$4,800	\$1,200							\$4,800		\$1,200	\$6,000
II-B-8	Capacity Deficiency Analysis				\$7,200	\$1,800							\$7,200		\$1,800	\$9,000
II-B-9	Highway Element of the LRTP				\$20,000	\$5,000							\$20,000		\$5,000	\$25,000
II-B-10	Transit Element of the LRTP						\$11,200	\$1,400	\$1,400				\$11,200	\$1,400	\$1,400	\$14,000
II-B-11	Bicycle and Pedestrian Element of the LRTP				\$17,600	\$4,400							\$17,600		\$4,400	\$22,000
II-B-14	Rail, Water or other mode of LRTP				\$7,200	\$1,800							\$7,200		\$1,800	\$9,000
II-B-15	Freight Movement/Mobility Planning				\$16,000	\$4,000							\$16,000		\$4,000	\$20,000
II-B-17	Congestion Management Strategies				\$16,000	\$4,000							\$16,000		\$4,000	\$20,000
II-B-18	Air Quality Planning/Conformity Analysis				\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
III-A	Planning Work Program															
	Planning Work Program				\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
III-B	Transportation Improvement Program															
	Transportation Improvement Program				\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
III-C	Civil Rights Compliance/Regulatory Requirements															
III-C-2	Environmental Justice				\$12,000	\$3,000							\$12,000		\$3,000	\$15,000
III-C-6	Public Involvement				\$21,215	\$5,304							\$21,215		\$5,304	\$26,519
III-D	Incidental Planning & Project Development															
III-D-3	Special Studies				\$56,000	\$14,000							\$56,000		\$14,000	\$70,000
III-D-4	Regional and Statewide Planning				\$42,240	\$10,560							\$42,240		\$10,560	\$52,800
III-D-5	Corridor Protection				\$12,744	\$3,186							\$12,744		\$3,186	\$15,930
III-E	Management and Operations															
	Management and Operations	\$75,000.00	\$18,750.00	\$93,750.00									\$75,000		\$18,750	\$93,750
TOTALS	Totals	\$75,000.00	\$18,750.00	\$93,750.00	\$318,599	\$79,650	\$31,200	\$3,900	\$3,900	\$0	\$0	\$0	\$424,799	\$3,900	\$102,300	\$530,999

**TABLE 3
FY 2016-17 DBE/MBE/WBE Contracting Opportunities**

Name of MPO: Gaston Cleveland Lincoln MPO

Person Completing Form: Hank Graham

Telephone Number: 704-854-6663

Prospectus Task Code	Project Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out (80%)	Local Funds to be Contracted Out (20%)	Total Funds to be Contracted Out (100%)
III-D-3	Cox Road Study	Gastonia	Transportation Planning/ Engineering Services	\$10,000	\$2,500	\$12,500
III-D-3	Downtown Corridor Study	Lowell	Transportation Planning/ Engineering Services	\$39,929	\$9,982	\$49,911
III-D-3	Study traffic patterns of the 13th Street underpass intersection and provide design recommendations for improvements	Bessemer City	Transportation Planning/ Engineering Services	\$12,000	\$3,000	\$15,000
III-D-3	Evaluate pedestrian and bicycle circulation improvements in the North Main Street Corridor. Study current trends of bike and pedestrian infrastructure while accomodating vehicle traffic and parking needs. Analyze parking, wayfinding signage, road diets, traffic calming, and bike/ped access and use.	Boiling Springs	Transportation Planning/ Engineering Services	\$20,000	\$5,000	\$25,000
III-D-3	Functional design that includes on-street parking on Gold Street, creating a road diet on Cansler Street, changing parking on Railroad Avenue and adding Bike/Ped. Facilities and all streets.	Kings Mountain	Transportation Planning/ Engineering Services	\$20,000	\$5,000	\$25,000
III-D-3	Bicycle and Pedestrain Plan Update	Shelby	Transportation Planning/ Engineering Services	\$32,000	\$8,000	\$40,000
III-D-3	Community Viz- Software Maintenance \$5,800 Maintenance \$800 Three (3) liscenses	CCOG	Transportation Planning/ Engineering Services	\$5,280	\$1,320	\$6,600
TOTAL				\$129,209	\$32,302	\$161,511

III-D-3 Current Studies

Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE/MBE/WBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

**Table #4
Gaston Cleveland Lincoln MPO
Sections 104(f) and 5303
FY2016-2017 Funding Sources Table and Task Narratives**

1	MPO Name	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln
2	FTA Code	442301	442301	442400	442301	442301	442301	442301	442301	442301	442400	442301	442301	442301
3	Task Code	II-A-1	II-A-4	II-A-5	II-A-10	II-A-12	II-B-3	II-B-7	II-B-8	II-B-9	II-B-10	II-B-11	II-B-14	II-B-15
4	Title of Planning Task	Traffic Volume Counts	Traffic Accidents	Transit System Data	Mapping	Bike & Ped. Facilities Inventory	Travel Model Updates	Forecast of Future Travel Patterns	Capacity Deficiency Analysis	Highway Element of the LRTP	Transit Element of LRTP	Bicycle and Pedestrian Element of LRTP	Rail, Water or other Mode of LRTP	Freight Movement/Mobility Planning
5	Task Objective	Vehicle counts will be collected as needed throughout the GCLMPO Area in support of corridor studies and other analyses. Staff will also evaluate the accuracy of counts collected by NCDOT. Implement and review performance measures.	Accident counts will be collected throughout the GCLMPO Area in support of corridor studies and other analyses. Accidents will be mapped and evaluated for accuracy. Implement and review performance measures.	To collect and study data as needed related to the operation of Gastonia Transit and for efforts recommended in the Coordinated Comprehensive Transportation Plan (CTTP) for the GCLMPO. Assist Gastonia Transit with a System Efficiency Study	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. Implement and review performance measures.	Forecast highway projects for each horizon year. Implement and review performance measures.	To implement the issues raised through the Coordinated Comprehensive Transportation Plan (CTTP), and monitor the Transit Element of the 2040 Metropolitan Transportation Plan and the USEPA 8-Hour Ozone Non-Attainment Conformity Report.	Promote and maintain bicycle and pedestrian projects for each horizon year. Implement and review performance measures.	Promote and maintain Piedmont and Northern Rail Road Renovation and Redevelopment efforts and River corridor transportation efforts. Implement and review performance measures.	Participate in MetroIna Regional Freight study
6	Tangible Product Expected	Updated traffic volume counts for major and minor thoroughfares within the Gaston Cleveland Lincoln MPO Area	Updated traffic accident counts and location for major and minor thoroughfares within the Gaston Cleveland Lincoln MPO Area	Complete a Gastonia Transit Efficiency 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 needed as recommended by Coordinated Comprehensive Transportation Plan (CTTP). Utilize the "Remix" Transit Planning software to review route modification and data changes regarding all existing and proposed transit routes.	Digital maps reflective of both factual and conceptual data. Create and transfer mapping data to webpage.	Update Gaston Cleveland Lincoln MPO Map depicting all collected data	Vehicle Miles Traveled (VMT) counts. Update socio economic data for new 2014 base year.	Data input for Travel Demand Model	Capacity tables for transportation facilities county-wide	Data input for Travel Demand Model	Implement policies and recommendations specified in the previous Transit & Corridor Studies. Completion of Franklin/Wilkinson Boulevard Transit Corridor Improvement Study. Staff will also work with Gastonia Transit and each of the three Counties demand response transit services to implement the Coordinated Comprehensive Transportation Plan (CTTP) recommended transit changes and work with CATS to improve express bus service. (5303 funds) Utilize the "Remix" Transit Planning software to review route modification and data changes regarding all existing and proposed transit routes.	Updated data and information for the 2040 Gaston Cleveland Lincoln MTP	Updated data and information for the 2035 Gaston Cleveland Lincoln MPO LRTP	Report documenting freight traffic within the Gaston Cleveland Lincoln MPO area
7	Expected Completion Date of Product(s)	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017	6/30/2017
8	Status	Input NCDOT counts into excel spreadsheet and link maps to webpage	Coordinate and collect local data with local police	In 2013, MPO staff worked with Gastonia Transit staff to complete a new route analysis. Some current routes were modified and new route maps and ridership data for analysis are in the 2040 Metropolitan Transportation Plan.	Continuous as needed	Ongoing	Ongoing	Ongoing	As needed	2010 Census and future year projections	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 Coordinated Comprehensive Transportation Plan (CTTP).	Ongoing	Ongoing	Ongoing
9	Prior FTA Funds	0	0	0	0	0	0	0	0	0	FY13-'14: \$20,416 programmed	0	0	0
10	Relationship To Other Activities	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 monitor existing routes and support goals and objectives of the "Transit Element of MTP."	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.	Revise and update travel model data to correspond and comply with current TIP and air quality conformity reporting.	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.	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 GCLMPO Area bicycle route map. This 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 which accommodate alternate modes of transportation.	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.
11	Agency Responsible for Task Completion	NCDOT, & Gaston Cleveland Lincoln MPO	NCDOT, & Gaston Cleveland Lincoln MPO	GCLMPO Area Transit providers, Charlotte Area Transit (CATS), and consultants.	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	NCDOT, & Gaston Cleveland Lincoln MPO	NCDOT, & Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	NCDOT, & Gaston Cleveland Lincoln MPO	GCLMPO in conjunction with NCDOT Public Transportation Division, Gastonia Transit, demand response transit providers for Gaston Cleveland and Lincoln Counties and consultants (TBD).	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO
12	SPR - Highway - NCDOT 20%													
13	SPR - Highway - FHWA 80%													
14	Section 104 (d) PL Local 20%	\$1,100	\$1,100		\$4,400	\$4,800	\$4,000	\$1,200	\$1,800	\$5,000		\$4,400	\$1,800	\$4,000
15	Section 104 (d) PL FHWA 80%	\$4,400	\$4,400		\$17,600	\$19,200	\$16,000	\$4,800	\$7,200	\$20,000		\$17,600	\$7,200	\$16,000
	Section 104 (d) Total	\$5,500	\$5,500		\$22,000	\$24,000	\$20,000	\$6,000	\$9,000	\$25,000		\$22,000	\$9,000	\$20,000
16	Section 5303 Local 10%			\$2,500							\$1,400			
17	Section 5303 NCDOT 10%			\$2,500							\$1,400			
18	Section 5303 FTA 80%			\$20,000							\$11,200			

Option Comparisons of Voting Member Local Match Obligation by Population for FY 2016-2017

Member Jurisdiction	MPA Population (2010)	% of Total	Shared Local Match	State Share (5303 only)	Additional Local Match	Shortfall/ Increase from average PL Match	Approved Match w/o Service Cuts
Belmont	10,076	2.60%	\$2,777			\$1,091	\$3,868
Bessemer City	5,340	1.40%	\$1,495			\$587	\$2,083
Boiling Springs	4,647	1.20%	\$1,282			\$503	\$1,785
Cherryville	5,760	1.50%	\$1,602			\$629	\$2,231
Cleveland County	63,866	16.70%	\$17,837			\$7,007	\$24,843
Cramerton	4,165	1.10%	\$1,175			\$462	\$1,636
Dallas	4,488	1.20%	\$1,282			\$503	\$1,785
Gaston County	79,290	20.70%	\$22,109			\$8,685	\$30,794
Gastonia	71,741	18.80%	\$20,080	\$3,900	\$3,900	\$11,788	\$31,867
Kings Mountain	10,296	2.70%	\$2,884			\$1,133	\$4,017
Lincoln County	67,779	17.70%	\$18,905			\$7,426	\$26,331
Lincolnton	10,486	2.80%	\$2,991			\$1,175	\$4,165
Lowell	3,526	0.90%	\$961			\$378	\$1,339
Mount Holly	13,656	3.60%	\$3,845			\$1,510	\$5,355
Ranlo	3,434	0.90%	\$961			\$378	\$1,339
Shelby	20,323	5.30%	\$5,661			\$2,224	\$7,884
Stanley	3,556	0.90%	\$961			\$378	\$1,339
Total	319,705	100.00%	\$106,806	\$3,900	\$3,900	\$45,856	\$152,662

Source: U.S. Census Bureau, 2010 Census