

**GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION
UNIFIED PLANNING WORK PROGRAM
FISCAL YEAR 2017-2018**

GASTON-CLEVELAND-LINCOLN



Metropolitan Planning Organization

1st AMENDMENT

December 6, 2017

Prepared for:

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

**UNIFIED PLANNING WORK PROGRAM
PROGRAM DESCRIPTION FOR FY 2017-2018
GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION**

JULY 1, 2017 -JUNE 30, 2018

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

The Unified Planning Work Program (UPWP) 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)

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. The annual SPR funding allocation is procedural and necessary in order for the GCLMPO to be able to drawdown Transportation Planning (PL) and SPR funds concurrently.

Each year the planning staff of the Gaston-Cleveland-Lincoln MPO reviews the planning goals and objectives and identifies new planning projects for the coming year. This is done in coordination with the North Carolina Department of Transportation (NCDOT) Transportation Planning Branch, and the Aviation, Rail, Bicycle and Pedestrian, and the Public Transportation Divisions. Some of these tasks carry over from one fiscal year to another and remain ongoing, such as a traffic count programs 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.

The following section outlines the work to be completed in fiscal year 2017-2018 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. Local real estate representatives and citizens will continue to be able to access specific counts through the GCLMPO webpage (www.gclmpo.org), which includes volume count spreadsheet data and corresponding maps. The public can also view this information on the MPO's interactive map (ArcGIS Online). MPO staff will continue to use local traffic volume counts for proposed site plan and subdivision review comments. MPO staff will also use traffic volume counts to run emissions reduction calculations for potential CMAQ projects. 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 collection efforts completed in the past and referenced in the Community Transportation Services Plan (CTSP), such as boarding and alighting counts, and new ridership surveys will be conducted as needed. The City of Gastonia will begin implementation of individual efficiency study recommendations to improve overall system efficiency. Staff will continue to collect and disseminate daily and monthly ridership and fare-box collection data from all existing transit routes for Gastonia Transit, the Gastonia Express Bus (CATS 85X) to Charlotte and the three Demand Response Rural Public Transportation Systems within the GCLMPO area: Gaston County ACCESS, Transportation Agency of Cleveland County, and Transportation Lincoln County.
- Gaston-Cleveland-Lincoln MPO staff will continue implementation and monitoring efforts of a Congestion Mitigation and Air Quality (CMAQ) funded midday service addition to the CATS 85X Gastonia Express Commuter Bus Route. (\$25,000.00)
- II-A-10 Mapping - MPO staff will continue to improve NCDOT map links to our interactive map and other maps within the GCLMPO area for our webpage (www.gclmpo.org). The interactive map provides GCLMPO multimodal CTP maps, GCLMPO STIP project descriptions and geographic locations by mode, as well as bridge replacement projects. Additional maps will be produced for our unit member local governments and the general public as requested. (\$33,000.00)
- II-A-12 Bicycle and Pedestrian Facilities Inventory – The GCLMPO will serve as staff to the Bicycle and Pedestrian Advisory Committee (BPAC) to review and maintain bike and pedestrian facilities and a 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. Staff will also work with NCDOT Division 12 to coordinate bicycle lane stripping when highway

resurfacing projects occur. Staff will also participate in the walkability and obesity policy workgroup of the Gaston Healthcare community. (\$20,000.00)

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

- II-B-3 Travel Model Updates - MPO 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 specific to the Gaston-Cleveland-Lincoln Metropolitan planning area as needed. MPO staff will continue to use, provide training, and perform maintenance on the Community Viz software for future work with both the Metrolina Regional Travel Demand Model Conformity Analysis and Determination Report for the Region. (\$15,000.00)
- 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 MTP - Staff will work to update the Metropolitan Transportation Plan (MTP) and make any necessary adjustments and amendments to the adopted CTP and MTP 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. (\$55,066.00)
- II-B-10 Transit Element of the MTP – MPO staff will work to implement policies and recommendations specified in 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. Staff will continue to utilize the Section 5303 grant for transit planning activities to implement the projects and issues raised in the Coordinated Transportation Plan (CTP 2014), the Gastonia Transit Efficiency Study, and the Transit Element of the 2040 Metropolitan Transportation Plan (MTP). GCLMPO staff will continue to attend the Gaston County ACCESS Transportation Advisory Board meetings. Gaston-Cleveland-Lincoln MPO staff will also monitor and improve the midday service addition to the CATS 85X Gastonia Express Commuter Bus Route. (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 Transportation to update the Gaston County bicycle route map. The original map was completed in FY 2003-2004 and adopted by the MPO Board at that time. Staff will work on updating this map to also include Cleveland and Lincoln County. We will continue to encourage the design of future transportation improvements that accommodate alternate modes of transportation. (\$18,000.00)

- 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. (\$9,000.00)
- II-B-15 Freight Movement/Mobility Planning - Staff will begin implementation of the NCDOT and the Metrolina Regional Freight Plans to 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. (\$12,000.00)
- II-B-17 Congestion Management Strategies - Staff will work to preserve the functional integrity of the highway system by encouraging good access management practices. This will be done through coordination with municipal staffs and the development community. (\$12,000.00)
- 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 Unified Planning Work Program (UPWP) and all related activities is the objective of this category, along with the preparation of detailed task outlines as required by the Federal Highway Administration and 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 and Title VI regarding environmental justice. Staff will work to ensure public involvement of persons with limited English proficiency, low-income and minority groups in the decision making process, 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 and implement efforts to improve the Public Involvement Process to better reflect current planning activities and to ensure an open exchange of information and ideas. Staff is in the process of moving the GCLMPO webpage to a new server, and will revise the existing webpage design, and maintain and update data and maps. MPO staff will work to improve social media efforts by actively distributing information on Twitter and Facebook. (\$15,000.00)

Task Code III-D: Incidental Planning and Project Development

- III-D-3 Special Studies – The City of Lowell will complete the Downtown Transportation Plan (\$12,500.00).
- 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. (\$42,014.00)
- III-D-5 Corridor Protection - Staff will continue to participate in activities such as adoption of 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 and implemented 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)



**FISCAL YEAR 2017-2018 UNIFIED PLANNING WORK PROGRAM (UPWP)
FOR THE GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION
1st AMENDMENT**

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 (GCL) 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, the GCLMPO Board agrees to receive and use State Planning and Research (SPR) Funding concurrently with Transportation Planning Grant funds that the amended Planning Work Program will effectively advance the transportation planning process for FY 2017-2018; and

WHEREAS, members of the Metropolitan Planning Organization Board (MPO Board) agree that the amended Planning Work Program will effectively advance the transportation planning process for FY 2017-2018;

NOW, THEREFORE BE IT RESOLVED

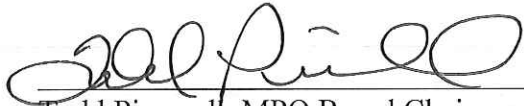
1. That the MPO Board of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (MPO) hereby endorses and approves the 1st Amendment to the Unified Planning Work Program for FY 2017-2018.
2. The total UPWP budget amount is now \$463,260.00.
3. The Transportation Planning Grant – Section 104(d) amount is \$298,339.00.
4. State Planning and Research (SPR) Funds is \$93,750.00.
5. Unobligated Funds from FY 2016-2017 is \$32,171.00
6. The Transit Planning Grant – Section 5303 amount is \$39,000.00.
7. The Local Government Share Match is \$84,852.00.
8. 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.

9. The Principal Transportation Planner/MPO Administrator 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 **Mr. Perry Toomey** and seconded by **Mr. David Humphries** for the adoption of the following resolution and upon being put to a vote was duly adopted.

I, **Todd Pierceall**, Chairperson of the MPO Board for the Gaston-Cleveland-Lincoln MPO Area, do hereby certify the amended UPWP budget for fiscal year 2017-2018 of the Gaston-Cleveland-Lincoln, duly held on the 6th day of December, 2017.



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

ATTESTED:

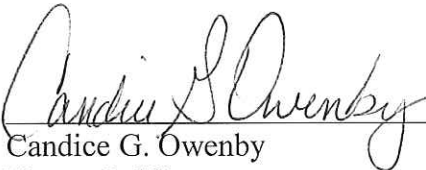


Randi P. Gates, AICP, Principal Transportation Planner
Gaston-Cleveland-Lincoln MPO Administrator

North Carolina
Gaston County

I, **Candice G. Owenby**, a Notary Public for said County and State, do hereby certify that **Todd Pierceall** personally appeared before me on this the 12th day of December, 2017, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal.



Candice G. Owenby
Notary Public



Table 1
Gaston Cleveland Lincoln Unified Planning Work Program
Fiscal Year 2017-2018 Expenditures
(July 1, 2017 through June 30, 2018)
1st AMENDMENT

Task Code	Description	Fund Allocation			Proposed 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	\$26,400		\$6,600	\$33,000
II-A-12	Bicycle & Pedestrian Facilities Inventory	\$16,000		\$4,000	\$20,000
	Sub-total	\$71,200	\$2,500	\$15,300	\$89,000
II-B Long Range Transportation Plan (LRTP)					
II-B-3	Travel Model Updates	\$12,000		\$3,000	\$15,000
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	\$44,053		\$11,013	\$55,066
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	\$14,400		\$3,600	\$18,000
II-B-14	Rail, Water or other mode of LRTP	\$7,200		\$1,800	\$9,000
II-B-15	Freight Movement/Mobility Planning	\$9,600		\$2,400	\$12,000
II-B-17	Congestion Management Strategies	\$9,600		\$2,400	\$12,000
II-B-18	Air Quality Plng/Conformity Analysis	\$8,000		\$2,000	\$10,000
	Sub-total	\$128,053	\$1,400	\$30,613	\$160,066
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	\$12,000		\$3,000	\$15,000
	Sub-Total	\$24,000		\$6,000	\$30,000
III-D Incidental Planning & Project Development					
III-D-3	Special Studies	\$10,000		\$2,500	\$12,500
III-D-4	Regional and Statewide Planning	\$33,611		\$8,403	\$42,014
III-D-5	Corridor Protection	\$12,744		\$3,186	\$15,930
	Sub-Total	\$56,355		\$14,089	\$70,444
III-E Management and Operations					
	Management and Operations	\$75,000		\$18,750	\$93,750
	Sub-Total	\$75,000		\$18,750	\$93,750
TOTALS		\$370,608	\$3,900	\$88,752	\$463,260

Original programmed amount was \$18,000 (\$14,400/\$3,600)

Original programmed amount was \$203,750 (\$163,000/\$40,750)

2016/2017 Federal PL & 5303 Funds		
	Original Funding	Amended Funding
FY 17-18 MPO (104(d) Allocation	\$231,649	\$238,671
Total Shared PL (104(d)) Local Match	\$57,912	\$59,668
Total GCLMPO PL (104(d)) Annual Allocation	\$289,561	\$298,339
SPR/RPO Allocation	\$75,000	\$75,000
SPR/RPO Allocation match	\$18,750	\$18,750
Total SPR Allocation	\$93,750	\$93,750
Total GCLMPO PL and SPR	\$383,311	\$392,089
Unobligated Funds from FY 2016-2017	\$25,106	\$25,737
Unobligated Funds Match	\$6,277	\$6,434
Total Unobligated Funds with Local Match	\$31,383	\$32,171
Sub Total	\$414,694	\$424,260
5303 Transit Funds	\$31,200	\$31,200
5303 Transit Funds Match	\$7,800	\$7,800
Total 5303 Transit Fund Grant	\$39,000	\$39,000
Special Study - Statewide unobligated funds	\$131,000	\$0
Special Study - Statewide unobligated funds match	\$32,750	\$0
Total Special Study - Statewide unobligated funds match	\$163,750	\$0
TOTAL UPWP	\$617,444	\$463,260

Table 2
Agency Spending
Gaston Cleveland Lincoln MPO Unified Planning Work Program
Fiscal Year 2017-2018 Revenues

1st AMENDMENT

Task Code	Description	SPR			Sec. 104(d) PL		Sec. 5303			Sec. 5307			Task Funding Totals			
		NCDOT 80%	LPA 20%	Total 100%	FHWA 80%	LPA 20%	FTA 80%	NCDOT 10%	LPA 10%	FTA 80%	NCDOT 10%	LPA 10%	Federal	State*	LPA	Total
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				\$26,400	\$6,600							\$26,400		\$6,600	\$33,000
II-A-12	Bicycle & Pedestrian Facilities Inventory				\$16,000	\$4,000							\$16,000		\$4,000	\$20,000
II-B	Long Range Transportation Plan (LRTP)															
II-B-3	Travel Model Updates				\$12,000	\$3,000							\$12,000		\$3,000	\$15,000
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				\$44,053	\$11,013							\$44,053		\$11,013	\$55,066
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				\$14,400	\$3,600							\$14,400		\$3,600	\$18,000
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				\$9,600	\$2,400							\$9,600		\$2,400	\$12,000
II-B-17	Congestion Management Strategies				\$9,600	\$2,400							\$9,600		\$2,400	\$12,000
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				\$12,000	\$3,000							\$12,000		\$3,000	\$15,000
III-D	Incidental Planning & Project Development															
III-D-3	Special Studies				\$10,000	\$2,500							\$10,000		\$2,500	\$12,500
III-D-4	Regional and Statewide Planning				\$33,611	\$8,403							\$33,611		\$8,403	\$42,014
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	\$264,408	\$66,102	\$31,200	\$3,900	\$3,900	\$0	\$0	\$0	\$370,608	\$3,900	\$88,752	\$463,260

1st AMENDMENT

**TABLE 3
FY 2017-18 DBE Contracting Opportunities**

Name of MPO: Gaston-Cleveland-Lincoln MPO

Person Completing Form: Randi Gates

Telephone Number: 704-854-6604

Prospectus Task Code	Prospectus 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%)
II-B-3	Travel Model Updates	GCLMPO	Transportation Planning Services	\$11,319	\$2,830	\$14,149
II-B-9	Long Range Transportation Plan (LRTP)	GCLMPO	Consultant	\$39,999	\$10,000	\$49,999
TOTAL				\$51,318	\$12,830	\$64,148

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 #4a
Gaston Cleveland Lincoln MPO
Sections 104(D) and 5303
FY2017-2018 Funding Sources Table and Task Narratives
1st AMENDMENT

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
2	FTA Code	442301	442301	442400	442301	442301	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
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
5	Task Objective	Vehicle counts will be collected as needed throughout the GCLMPO Area in support of the regional travel demand model, 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 GGCLMPO.	Utilize Arc GIS to map all Transportation Planning activities and needs	Collect and map bicycle and sidewalk data	Support the annual work program for the Metrolina Regional Travel Demand Model	Forecast roadway projects for each horizon year	Review and coordinate transportation improvements when needed. Implement and review performance measures.
6	Tangible Product Expected	Updated traffic volume counts for major and minor thoroughfares within the Gaston Cleveland Lincoln MPO Area	Updated accident counts by mode and location within the Gaston Cleveland Lincoln MPO Area will be made available on the GCLMPO website.	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).	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
7	Expected Completion Date of Product(s)	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018
8	Status	Input NCDOT counts into excel spreadsheet and link maps to webpage	Coordinate and collect local data with NCDOT and local police departments	In 2016, MPO staff worked with Gastonia Transit staff to complete an efficiency study of the Gastonia Transit System. Some improvement recommendations will be implemented one at a time and monitored. New route maps and ridership data for analysis will be included in the 2045 Metropolitan Transportation Plan update.	Continuous as needed	Ongoing	Ongoing	Ongoing	As needed
9	Prior FTA Funds	0	0	\$25,000	0	0	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 and monitored of 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.
11	Agency Responsible for Task Completion	NCDOT, & Gaston Cleveland Lincoln MPO	NCDOT, & Gaston Cleveland Lincoln MPO	GCLMPO Area, 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
12	SPR - Highway - NCDOT 20%								
13	SPR - Highway - FHWA 80%								
14	Section 104(D) PL Local 20%	\$1,100	\$1,100		\$6,600	\$4,000	\$3,000	\$1,200	\$1,800
15	Section 104(D) PL FHWA 80%	\$4,400	\$4,400		\$26,400	\$16,000	\$12,000	\$4,800	\$7,200
	Section 104(D) Total	\$5,500	\$5,500		\$33,000	\$20,000	\$15,000	\$6,000	\$9,000
16	Section 5303 Local 10%			\$2,500					
17	Section 5303 NCDOT 10%			\$2,500					
18	Section 5303 FTA 80%			\$20,000					

Table #4b
 Gaston Cleveland Lincoln MPO
 Sections 104(D) and 5303
 FY2017-2018 Funding Source Table and Task Narratives
 1st AMENDMENT

Table #4b
 Gaston Cleveland Lincoln MPO

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
2	FTA Code	442301	442400	442301	442301	442301	442301	442301	442301
3	Task Code	II-B-9	II-B-10	II-B-11	II-B-14	II-B-15	II-B-17	II-B-18	III-A
4	Title of Planning Task	Highway Element of the MTP	Transit Element of MTP	Bicycle and Pedestrian Element of MTP	Rail, Water or other Mode of MTP	Freight Movement/Mobility Planning	Congestion Management Strategies	Air Quality Planning/Conformity Analysis	Planning Work Program
5	Task Objective	Forecast highway projects for each horizon year. Implement and review performance measures.	To implement the issues raised through the Coordinated Comprehensive Transportation Plan (CCTP), 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 MetroLina Regional Freight study	Conduct traffic congestion management activities when needed. Implement and review performance measures.	Conduct training on various air quality modeling techniques	Prepare and implement an annual fiscal year UPWP
6	Tangible Product Expected	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 (CCTP) recommended transit changes and work with CATS to improve express bus service. (5303 funds)	Updated data and information for the 2040 Gaston Cleveland Lincoln MTP	Updated data and information for the 2035 Gaston Cleveland Lincoln MPO MTP	Report documenting freight traffic within the Gaston Cleveland Lincoln 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 Cleveland Lincoln MPO public
7	Expected Completion Date of Product(s)	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018
8	Status	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 (CCTP).	Ongoing	Ongoing	Ongoing	Ongoing	On-Going	Ongoing
9	Prior FTA Funds	0	\$14,000	0	0	0	0	0	0
10	Relationship To Other Activities	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 lease 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 that 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.	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 Statewide Planning Branch and other appropriate agencies to complete this effort in 2018	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.
11	Agency Responsible for Task Completion	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	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%	\$11,013		\$3,600	\$1,800	\$2,400	\$2,400	\$2,000	\$2,000
15	Section 104(D) PL FHWA 80%	\$44,053		\$14,400	\$7,200	\$9,600	\$9,600	\$8,000	\$8,000
	Section 104(D) Total	\$55,066		\$18,000	\$9,000	\$12,000	\$12,000	\$10,000	\$10,000
16	Section 5303 Local 10%		\$1,400						
17	Section 5303 NCDOT 10%		\$1,400						
18	Section 5303 FTA 80%		\$11,200						

1	MPO Name	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	442301	442301	442301	442301	442301
3	Task Code	III-B	III-C-2	III-C-6	III-D-3	III-D-4	III-D-5	III-E
4	Title of Planning Task	Transportation Improvement Program	Environmental Justice	Public Involvement	Special Studies	Regional and Statewide Planning	Corridor Protection	Management & Operations
5	Task Objective	Review all aspects of the MTIP & STIP to recommend changes when necessary. Implement and review performance measures.	Implement an aggressive environment justice awareness program	Increase and improve Gaston Cleveland Lincoln MPO Public Involvement efforts. Implement and review performance measures.	Conduct transportation planning studies in Gaston Cleveland Lincoln MPO area including but not limited to functional designs, corridor studies, and other studies as requested.	Coordinate with regional transportation partners (CRAFT), MPO local governments, and NCDOT on regionally significant projects. Implement and review performance measures.	Continue to get ROW dedication and if possible construction of proposed widenings and new roadway construction of Gaston Cleveland Lincoln MPO thoroughfares	Perform Management duties of the Gaston Cleveland Lincoln MPO. Maintain the Prospectus, Memorandum of Understanding and all other administrative agreements or procedures will be updated if necessary
6	Tangible Product Expected	Funded TIP projects that demonstrate the greatest need	Policy document that outlines Gaston Cleveland Lincoln MPO's Environmental justice efforts and standards	Create a public involvement Plan for the Gaston Cleveland Lincoln MPO area	Prepare transportation studies and complete functional designs for Gaston Cleveland Lincoln MPO transportation corridors	Regional Coordination	ROW dedication and construction	Quarterly reports and grant drawdown requests. GCLMPO Web page content. GCLMPO TCC and MPO Board Agenda packages. All policy and written materials generated from GCLMPO activities.
7	Expected Completion Date of Product(s)	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018	6/30/2018
8	Status	Monitor and Implement	Ongoing	Ongoing	Annually	Ongoing	Ongoing	Ongoing
9	Prior FTA Funds	0	0	0	0	0	0	0
10	Relationship To Other Activities	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	On-Call Planning and Engineering services will be obtained to conduct work as needed. Complete the Lowell Downtown Transportation Study.	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 work on a model right-of-way protection ordinance for new residential subdivisions. Staff will monitor conformance with the adopted GCLMPO Area Comprehensive Transportation Plan (CTP) maps through the review of proposed site plans, subdivisions and rezoning for local governments.	Attend meetings and prepare the agendas and prepare MPO meeting minutes for MPO boards and committees, document expenditures; file for reimbursement of expenditures; attend training sessions; and generally, manage all functions of the MPO.
11	Agency Responsible for Task Completion	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	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%	\$2,000	\$3,000	\$3,000	\$2,500	\$8,403	\$3,186	\$18,750
15	Section 104 (d) PL FHWA 80%	\$8,000	\$12,000	\$12,000	\$10,000	\$33,611	\$33,611	\$75,000
0	Section 104 (d) Total	\$10,000	\$15,000	\$15,000	\$12,500	\$42,014	\$36,797	\$93,750
16	Section 5303 Local 10%							
17	Section 5303 NCDOT 10%							
18	Section 5303 FTA 80%							

Voting Member Local Match Obligation by Population for FY 2017-2018
1st AMENDMENT

Member Jurisdiction	MPA Population (2010)	% of Total	Shared Local Match	State Share (5303 only)	Additional GCLMPO match due to reduced PL Funds	Additional Local Match Special Projects	Total Local Match
Belmont	10,076	2.60%	\$2,206		\$0.00		\$2,206
Bessemer City	5,340	1.40%	\$1,188		\$0.00		\$1,188
Boiling Springs	4,647	1.20%	\$1,018		\$0.00		\$1,018
Cherryville	5,760	1.50%	\$1,273		\$0.00		\$1,273
Cleveland County	63,866	16.70%	\$14,170		\$0.00		\$14,170
Cramerton	4,165	1.10%	\$933		\$0.00		\$933
Dallas	4,488	1.20%	\$1,018		\$0.00		\$1,018
Gaston County	79,290	20.70%	\$17,564		\$0.00		\$17,564
Gastonia	71,741	18.80%	\$15,952	\$3,900	\$0.00	\$3,900	\$19,852
Kings Mountain	10,296	2.70%	\$2,291		\$0.00		\$2,291
Lincoln County	67,779	17.70%	\$15,019		\$0.00		\$15,019
Lincolnton	10,486	2.80%	\$2,376		\$0.00		\$2,376
Lowell	3,526	0.90%	\$764		\$0.00	\$2,119	\$2,883
Mount Holly	13,656	3.60%	\$3,055		\$0.00		\$3,055
Ranlo	3,434	0.90%	\$764		\$0.00		\$764
Shelby	20,323	5.30%	\$4,497		\$0.00		\$4,497
Stanley	3,556	0.90%	\$764		\$0.00		\$764
Total	319,705	100.00%	\$84,852	\$3,900	\$0	\$6,019	\$90,871

Source: U.S. Census Bureau, 2010 Census