

**GASTON-CLEVELAND-LINCOLN  
METROPOLITAN PLANNING ORGANIZATION  
UNIFIED PLANNING WORK PROGRAM  
FISCAL YEAR 2019-2020**



Adopted March 28, 2019  
**Amended July 25, 2019**

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 2019-2020  
GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION**

**JULY 1, 2019 -JUNE 30, 2020**

**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 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 2019-2020 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](http://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. (\$2,500.00)
- II-A-4 Traffic Accidents – 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. Traffic accident data will continue to be utilized for project ranking methodology for highway projects for the Metropolitan Transportation Plan (MTP). (\$2,500.00)
- 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. (5303 funds) (\$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](http://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. (\$31,813.00)
- 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 continue to collect bicycle and pedestrian count data utilizing the MPO's EcoCounter counters and software. 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 County Healthcare Commission. (\$22,000.00)

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

- II-B-3 Travel Model Updates - GCLMPO 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. GCLMPO will fund a local share and work with the Centralina Council of Governments (CCOG) and the regional partners to use, provide training, and perform maintenance on the CommunityViz software for future work with both the Metrolina Regional Travel Demand Model Conformity Analysis and Determination Report for the Region. (\$95,206.00)
- 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. (\$4,000.00)
- II-B-9 Highway Element of the MTP - Staff continue to make any necessary adjustments and amendments to the adopted CTP and MTP based on adopted TIP amendments, as well as corridor studies completed to refine alignments. These changes need to be coordinated with all necessary governing boards and NCDOT. Further, any amendments that are proposed through local community Land Use Plans will be reviewed. (\$30,000.00)
- 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 2045 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 work with NCDOT Division of Bicycle & Pedestrian Transportation to create a bicycle route map for Gaston, Lincoln, and Cleveland counties. The original map, which was completed in FY 2003-2004 and adopted by the MPO Board at that time, is dated and only covers Gaston County. We will continue to encourage the design of future transportation improvements that accommodate alternate modes of transportation. (\$25,000.00)
- II-B-14 Rail, Water or other mode of MTP – Staff will continue to work with NCDOT and project consultants to further study the KM-Gastonia-CLT Commuter Rail opportunity. GCLMPO will

also continue to work with Charlotte Area Transit System (CATS) on the expansion of light rail into Gaston County. In addition to rail efforts, MPO staff will work with unit member local governments along river corridors to research and implement blueways. (\$13,000.00)

- II-B-15 Freight Movement/Mobility Planning - Staff will work with the CRAFT Technical Committee to pursue, as appropriate, the recommendations of the Greater Charlotte Regional Freight Mobility Plan. 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. (\$10,000.00)
- 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. Staff will also work with community partners to submit successful CMAQ grant applications and will continue to monitor awarded CMAQ projects and assist local communities with implementation. (\$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 evaluate any new projects during the current round of Prioritization and will meet all deadlines for the development of the next STIP. (\$30,000.00)

### **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. (\$17,250.00)
- III-C-6 Public Involvement - Staff will initiate and implement efforts to improve the Public Participation 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. (\$20,913.00)

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

- III-D-3 Special Studies – A feasibility study will be completed for the Catawba Crossings project to provide further details that the project will or will not meet the characteristics and criteria of a primary route. The Catawba Crossings Feasibility Study will incorporate an approach that provides for meaningful engagement of interested parties in determining the purpose of and need for new crossing(s) of the Catawba River, within the general vicinity of the Catawba River south of the existing US 74 crossing and connecting NC 279 to I-485. (\$463,500.00)
- 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 (NCAMPO). CRAFT's core mission is to implement a continuing, cooperative and comprehensive transportation planning process for projects and programs of a regional scope. Staff will actively participate in the functions of the CRAFT Technical Committee, including: meeting hosting, agenda preparation and minutes preparation; contributing to efforts associated with focus area initiatives; other initiatives deemed important by the Technical Committee. Staff will work with the CRAFT Technical Committee to implement performance-based planning requirements. Staff will also work with the CRAFT Technical Committee and the Centralina COG to ensure the greater Charlotte region is prepared for future deployment of automated and connected vehicles. The work of the ACV Task Force will inform the MPO and the Technical Committee on specific actions both will need to take. CRAFT's Technical Committee has selected ITS (Intelligent Transportation Systems) as its focus area. Staff will work with the Technical Committee and other appropriate local, state and federal partners to start an effort to update the ITS plan. Staff will also work with CRAFT to assess the outcomes of the May 2018 Regional Transit Summit and determine what, if any, work will be necessary to implement the outcomes, including the completion of a Regional Transit Study. Staff will participate in other regional planning efforts and workshops as required. (\$151,243.00)
- 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. (\$20,000.00)
- III-E: Management and Operations – Staff 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 2019-2020 UNIFIED PLANNING WORK PROGRAM (UPWP)  
FOR THE GASTON-CLEVELAND-LINCOLN  
METROPOLITAN PLANNING ORGANIZATION  
AMENDMENT #1**

**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 2019-2020; 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 2019-2020;

**NOW, THEREFORE BE IT RESOLVED**

1. That the MPO Board of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (MPO) hereby endorses and approves Amendment #1 to the Unified Planning Work Program for FY 2019-2020.
2. The total UPWP budget amount is now \$1,109,674.00.
3. The Transportation Planning Grant – Section 104D amount is \$410,739.00.
4. State Planning and Research (SPR) Funds is \$445,800.00.
5. The State Match Assistance to the SPR Funding is \$69,525.00.
6. The Transit Planning Grant – Section 5303 amount is \$31,200.00.
7. The State Match to the Transit Planning Grant - Section 5303 is \$3,900.00
8. The Local Government Share Match is \$148,510.00.
9. 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.

10. 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. Humphries and seconded by Mr. Pierceall for the adoption of the following resolution and upon being put to a vote was duly adopted.

I, **Scott Neisler**, Chairperson of the MPO Board for the Gaston-Cleveland-Lincoln MPO Area, do hereby certify the amended UPWP budget for fiscal year 2019-2020 of the Gaston-Cleveland-Lincoln, duly held on the 25th day of July, 2019.

G. Scott Neisler

Scott Neisler, MPO Board Chairperson  
Gaston-Cleveland-Lincoln Metropolitan Planning Organization

**ATTESTED:**

Randi P. Gates

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

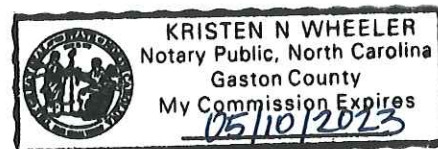
North Carolina  
Gaston County

I, Kristen N. Wheeler, a Notary Public for said County and State, do hereby certify that **Scott Neisler** personally appeared before me on this the 25<sup>th</sup> day of July, 2019, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal.

Kristen N. Wheeler

Kristen N. Wheeler  
Notary Public



My Commission expires May 10, 2023.



**Table 1**  
**Gaston Cleveland Lincoln Unified Planning Work Program**  
**Fiscal Year 2019-2020 Expenditures**  
**(July 1, 2019 through June 30, 2020)**

**AMENDMENT #1**

Task Code	Description	Fund Allocation			Proposed Totals
		Federal	State	LPA	
<b>II - CONTINUING TRANSPORTATION PLANNING</b>					
<b>II-A Surveillance of Inventory Data</b>					
II-A-1	Traffic Volume Counts	\$2,000		\$500	\$2,500
II-A-4	Traffic Accidents	\$2,000		\$500	\$2,500
II-A-5	Transit System Data	\$20,000	\$2,500	\$2,500	\$25,000
II-A-10	Mapping	\$25,450		\$6,363	\$31,813
II-A-12	Bicycle & Pedestrian Facilities Inventory	\$17,600		\$4,400	\$22,000
	Sub-total	\$67,050	\$2,500	\$14,263	\$83,813
<b>II-B Metropolitan Transportation Plan (MTP)</b>					
II-B-3	Travel Model Updates	\$76,165		\$19,041	\$95,206
II-B-7	Forecasts of Future Travel Patterns	\$4,800		\$1,200	\$6,000
II-B-8	Capacity Deficiency Analysis	\$3,200		\$800	\$4,000
II-B-9	Highway Element of the MTP	\$24,000		\$6,000	\$30,000
II-B-10	Transit Element of the MTP	\$11,200	\$1,400	\$1,400	\$14,000
II-B-11	Bicycle and Ped. Element of the MTP	\$20,000		\$5,000	\$25,000
II-B-14	Rail, Water or other mode of MTP	\$10,400		\$2,600	\$13,000
II-B-15	Freight Movement/Mobility Planning	\$9,600		\$2,400	\$12,000
II-B-17	Congestion Management Strategies	\$8,000		\$2,000	\$10,000
II-B-18	Air Quality PIng/Conformity Analysis	\$8,000		\$2,000	\$10,000
	Sub-total	\$175,365	\$1,400	\$42,441	\$219,206
<b>III - ADMINISTRATION</b>					
<b>III-A Planning Work Program</b>					
	Planning Work Program	\$8,000		\$2,000	\$10,000
	Sub-Total	\$8,000		\$2,000	\$10,000
<b>III-B Transportation Improvement Program</b>					
	Transportation Improvement Program	\$24,000		\$6,000	\$30,000
	Sub-Total	\$24,000		\$6,000	\$30,000
<b>III-C Civil Rights Compliance/Regulatory Requirements</b>					
III-C-2	Environmental Justice	\$13,800		\$3,450	\$17,250
III-C-6	Public Involvement	\$16,730		\$4,183	\$20,913
	Sub-Total	\$30,530		\$7,633	\$38,163
<b>III-D Incidental Planning &amp; Project Development</b>					
III-D-3	Special Studies	\$370,800	\$69,525	\$23,175	\$463,500
III-D-4	Regional and Statewide Planning	\$120,994		\$30,249	\$151,243
III-D-5	Corridor Protection	\$16,000		\$4,000	\$20,000
	Sub-Total	\$507,794		\$57,424	\$634,743
<b>III-E Management and Operations</b>					
	Management and Operations	\$75,000		\$18,750	\$93,750
	Sub-Total	\$75,000		\$18,750	\$93,750
<b>TOTALS</b>		<b>\$887,739</b>	<b>\$3,900</b>	<b>\$148,510</b>	<b>\$1,109,674</b>

SPR Funding - Catawba Crossings Feasibility Study  
 Supplemental PL Funding - Regional Transit Study, ITS  
 Plan Update

2019-2020 Federal PL, SPR & 5303 Funds	
	Funding Amount
FY 19-20 PL (104D) Allocation	\$318,580
Total Shared PL (104D) Local Match	\$79,645
FY 19-20 PL (104D) Supplemental Allocation	\$92,159
Total Shared PL (104D) Supplemental Local Match	\$23,040
Total GCLMPO PL (104D) Annual Allocation	\$513,424
SPR/RPO Allocation	\$75,000
SPR/RPO Allocation Match	\$18,750
SPR Funding - Catawba Crossings Feasibility Study	\$370,800
SPR Funding - State Match Assistance	\$69,525
SPR Funding - Local Match	\$23,175
Total SPR Funding	\$557,250
Total GCLMPO PL and SPR	\$1,070,674
5303 Transit Funds	\$31,200
5303 Transit Funds Match	\$7,800
Total 5303 Transit Fund Grant	\$39,000
<b>TOTAL UPWP</b>	<b>\$1,109,674</b>

**Table 2  
Agency Spending  
Gaston Cleveland Lincoln MPO Unified Planning Work Program  
Fiscal Year 2019-2020 Revenues**

**AMENDMENT #1**

Task Code	Description	SPR				Sec. 104D PL		Sec. 5303			Sec. 5307			Task Funding Totals			
		Federal	State	Local	Total	FHWA 80%	Local 20%	FTA 80%	NCDOT 10%	Local 10%	FTA 80%	NCDOT 10%	Local 10%	Federal	State	Local	Total
<b>II-A</b>	<b>Continuing Transportation Planning</b>																
II-A-1	Traffic Volume Counts					\$2,000	\$500							\$2,000		\$500	\$2,500
II-A-4	Traffic Accidents					\$2,000	\$500							\$2,000		\$500	\$2,500
II-A-5	Transit System Data							\$20,000	\$2,500	\$2,500				\$20,000	\$2,500	\$2,500	\$25,000
II-A-10	Mapping					\$25,450	\$6,363							\$25,450		\$6,363	\$31,813
II-A-12	Bicycle & Pedestrian Facilities Inventory					\$17,600	\$4,400							\$17,600		\$4,400	\$22,000
<b>II-B</b>	<b>Metropolitan Transportation Plan (MTP)</b>																
II-B-3	Travel Model Updates					\$76,165	\$19,041							\$76,165		\$19,041	\$95,206
II-B-5	Forecasts of Future Travel Patterns					\$4,800	\$1,200							\$4,800		\$1,200	\$6,000
II-B-8	Capacity Deficiency Analysis					\$3,200	\$800							\$3,200		\$800	\$4,000
II-B-9	Highway Element of the MTP					\$24,000	\$6,000							\$24,000		\$6,000	\$30,000
II-B-10	Transit Element of the MTP							\$11,200	\$1,400	\$1,400				\$11,200	\$1,400	\$1,400	\$14,000
II-B-11	Bicycle and Pedestrian Element of the MTP					\$20,000	\$5,000							\$20,000		\$5,000	\$25,000
II-B-14	Rail, Water or other mode of MTP					\$10,400	\$2,600							\$10,400		\$2,600	\$13,000
II-B-15	Freight Movement/Mobility Planning					\$9,600	\$2,400							\$9,600		\$2,400	\$12,000
II-B-17	Congestion Management Strategies					\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
II-B-18	Air Quality Planning/Conformity Analysis					\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
<b>III-A</b>	<b>Planning Work Program</b>																
	Planning Work Program					\$8,000	\$2,000							\$8,000		\$2,000	\$10,000
<b>III-B</b>	<b>Transportation Improvement Program</b>																
	Transportation Improvement Program					\$24,000	\$6,000							\$24,000		\$6,000	\$30,000
<b>III-C</b>	<b>Civil Rights Compliance/Regulatory Requirements</b>																
III-C-2	Environmental Justice					\$13,800	\$3,450							\$13,800		\$3,450	\$17,250
III-C-6	Public Involvement					\$16,730	\$4,183							\$16,730		\$4,183	\$20,913
<b>III-D</b>	<b>Incidental Planning &amp; Project Development</b>																
III-D-3	Special Studies - Catawba Crossings Feasibility Study	\$370,800	\$69,525	\$23,175	\$463,500								\$370,800	\$69,525	\$23,175	\$463,500	
III-D-4	Regional and Statewide Planning					\$120,994	\$30,249							\$120,994		\$30,249	\$151,243
III-D-5	Corridor Protection					\$16,000	\$4,000							\$16,000		\$4,000	\$20,000
<b>III-E</b>	<b>Management and Operations</b>																
	Management and Operations	\$75,000		\$18,750	\$93,750								\$75,000		\$18,750	\$93,750	
<b>TOTALS</b>	<b>Totals</b>	<b>\$445,800</b>		<b>\$41,925</b>	<b>\$557,250</b>	<b>\$410,739</b>	<b>\$102,685</b>	<b>\$31,200</b>	<b>\$3,900</b>	<b>\$3,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$887,739</b>	<b>\$73,425</b>	<b>\$148,510</b>	<b>\$1,109,674</b>

**AMENDMENT #1**

**TABLE 3  
FY 2019-20 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/State Funds to be Contracted Out	Local Funds to be Contracted Out	Total Funds to be Contracted Out
II-B-3	Travel Model Updates Metrolina Regional Model	GCLMPO	Transportation Planning Services	\$16,625	\$4,156	\$20,781
II-B-3	Travel Model Updates CommunityViz	GCLMPO	Transportation Planning Services	\$50,688	\$12,672	\$63,360
III-D-4	Regional Transit Study	GCLMPO	Transportation Planning Services	\$72,000	\$18,000	\$90,000
III-D-4	Regional ITS Plan	GCLMPO	Transportation Planning Services	\$13,994	\$3,499	\$17,493
III-D-3	Catawba Crossings Feasibility Study	GCLMPO	Transportation Planning Services	\$440,325	\$23,175	\$463,500
<b>TOTAL</b>				<b>\$593,632</b>	<b>\$61,502</b>	<b>\$655,134</b>

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(D), SPR and 5303  
FY 2019-2020 Funding Sources Table and Task Narratives  
AMENDMENT #1**

1	MPO Name	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
3	Task Code	II-A-1	II-A-4	II-A-5	II-A-10	II-A-12	II-B-3
4	Title of Planning Task	Traffic Volume Counts	Traffic Accidents	Transit System Data	Mapping	Bike & Ped. Facilities Inventory	Travel Model Updates
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. MPO staff will continue to use local traffic volume counts for proposed site plan and subdivision review comments. 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 Community Transportation Services Plan (CTSP) for the GCLMPO.	Utilize ArcGIS 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 as well as CommunityViz
6	Tangible Product Expected	Updated traffic volume counts for major and minor thoroughfares within the Gaston Cleveland Lincoln MPO Area. Updated maps and layers on the MPO's interactive map (ArcGIS Online).	Updated accident counts by mode and location within the Gaston Cleveland Lincoln MPO Area will be made available on the MPO's interactive map (ArcGIS Online).	Continue to incorporate data needed as recommended in the Community Transportation Services Plan (CTSP).	Digital maps reflective of both factual and conceptual data. Create and transfer mapping data to online interactive map (ArcGIS Online)	Update Gaston Cleveland Lincoln MPO Map depicting all collected data	Vehicle Miles Traveled (VMT) counts. Socio economic data updates.
7	Expected Completion Date of Product(s)	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020
8	Status	Upload NCDOT counts into the MPO's interactive map (ArcGIS Online).	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. Continued 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.	Continuous as needed	Ongoing	Ongoing
9	Prior FTA Funds	0	0	\$25,000	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 ArcGIS 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.
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, CDOT, CCOG & Gaston Cleveland Lincoln MPO
12	SPR - Local						
13	SPR - Federal/State						
14	SPR Total						
15	Section 104(D) PL Local 20%	\$500	\$500		\$6,363	\$4,400	\$19,041
16	Section 104(D) PL FHWA 80%	\$2,000	\$2,000		\$25,450	\$17,600	\$76,165
17	Section 104(D) Total	\$2,500	\$2,500		\$31,813	\$22,000	\$95,206
18	Section 5303 Local 10%			\$2,500			
19	Section 5303 NCDOT 10%			\$2,500			
20	Section 5303 FTA 80%			\$20,000			
21	Section 5303 FTA Total			\$25,000			

**Table #4  
Gaston Cleveland Lincoln MPO  
Sections 104(D), SPR and 5303  
FY 2019-2020 Funding Sources Table and Task Narratives  
AMENDMENT #1**

1	MPO Name	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
3	Task Code	II-B-7	II-B-8	II-B-9	II-B-10	II-B-11	II-B-14
4	Title of Planning Task	Forecast of Future Travel Patterns	Capacity Deficiency Analysis	Highway Element of the MTP	Transit Element of MTP	Bicycle and Pedestrian Element of MTP	Rail, Water or other Mode of MTP
5	Task Objective	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.	Implement the issues raised through the Coordinated Comprehensive Transportation Plan (CCTP), and monitor the Transit Element of the 2045 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.	Work with NCDOT and consultants to further study the KM-Gastonia-CLT Commuter Rail opportunity. Work with Charlotte Area Transit System (CATS) on the expansion of light rail into Gaston County. Work with unit member local governments along river corridors to research and implement blueways. Implement and review performance measures.
6	Tangible Product Expected	Data input for Travel Demand Model	Capacity tables for transportation facilities MPO area wide	Data input for Travel Demand Model	Implement policies and recommendations specified in the previous Transit & Corridor Studies. 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.	Updated GCLMPO Area Bicycle Route Map	Updated data and information for the 2045 Gaston Cleveland Lincoln MPO MTP
7	Expected Completion Date of Product(s)	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020
8	Status	Ongoing	As needed	Ongoing		Ongoing	Ongoing
9	Prior FTA Funds	0	0	0	\$14,000	0	0
10	Relationship To Other Activities	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 MTP and CTP based on corridor studies done to refine alignments. These changes need to be coordinated with all necessary governing boards and NCDOT.	Work in this task code is related to work being done under the task codes "Transit System Data" (data collection)	Staff will continue to work with NCDOT Division of Bicycle & Pedestrian Planning to update 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 and project consultants to further study the KM-Gastonia-CLT Commuter Rail opportunity. GCLMPO will also continue to work with Charlotte Area Transit System (CATS) on the expansion of light rail into Gaston County. In addition to rail efforts, MPO staff will work with unit member local governments along river corridors to research and implement blueways.
11	Agency Responsible for Task Completion	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
12	SPR - Local						
13	SPR - Federal/State						
14	SPR Total						
15	Section 104(D) PL Local 20%	\$1,200	\$800	\$6,000		\$5,000	\$2,600
16	Section 104(D) PL FHWA 80%	\$4,800	\$3,200	\$24,000		\$20,000	\$10,400
17	Section 104(D) Total	\$6,000	\$4,000	\$30,000		\$25,000	\$13,000
18	Section 5303 Local 10%				\$1,400		
19	Section 5303 NCDOT 10%				\$1,400		
20	Section 5303 FTA 80%				\$11,200		
21	Section 5303 FTA Total				\$14,000		

**Table #4  
Gaston Cleveland Lincoln MPO  
Sections 104(D), SPR and 5303  
FY 2019-2020 Funding Sources Table and Task Narratives  
AMENDMENT #1**

1	MPO Name	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
3	Task Code	II-B-15	II-B-17	II-B-18	III-A	III-B	III-C-2
4	Title of Planning Task	Freight Movement/Mobility Planning	Congestion Management Strategies	Air Quality Planning/Conformity Analysis	Planning Work Program	Transportation Improvement Program	Environmental Justice
5	Task Objective	Participate in ongoing discussions and implementation strategies for the recently completed Metrolina Regional Freight study	Conduct traffic congestion management activities when needed. Implement and review performance measures.	Work with community partners to submit successful CMAQ grant applications. Continue to monitor awarded CMAQ projects and assist local communities with implementation. Work with FHWA on conformity determination.	Prepare and implement an annual fiscal year UPWP.	Review all aspects of the MTIP & STIP to recommend changes when necessary. Implement and review performance measures.	Implement an aggressive environment justice awareness program and implement the GCLMPO Title VI Plan
6	Tangible Product Expected	Report documented 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	Funded TIP projects that demonstrate the greatest need	Title VI Plan that outlines Gaston Cleveland Lincoln MPO's Environmental justice efforts and standards
7	Expected Completion Date of Product(s)	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020
8	Status	Ongoing	Ongoing	On-Going	Ongoing	Monitor and Implement	Ongoing
9	Prior FTA Funds	0	0	0	0	0	0
10	Relationship To Other Activities	Further study will be conducted on rail and heavy truck freight traffic within the MPO area.	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 MTP 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 2020.	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 evaluate any new projects during the current round of Prioritization and will meet all deadlines for the development of the next STIP.	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.
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
12	SPR - Local						
13	SPR - Federal/State						
14	SPR Total						
15	Section 104(D) PL Local 20%	\$2,400	\$2,000	\$2,000	\$2,000	\$6,000	\$3,450
16	Section 104(D) PL FHWA 80%	\$9,600	\$8,000	\$8,000	\$8,000	\$24,000	\$13,800
17	Section 104(D) Total	\$12,000	\$10,000	\$10,000	\$10,000	\$30,000	\$17,250
18	Section 5303 Local 10%						
19	Section 5303 NCDOT 10%						
20	Section 5303 FTA 80%						
21	Section 5303 FTA Total						

**Table #4  
Gaston Cleveland Lincoln MPO  
Sections 104(D), SPR and 5303  
FY 2019-2020 Funding Sources Table and Task Narratives  
AMENDMENT #1**

1	MPO Name	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln
2	FTA Code	442301	442301	442301	442301	442301
3	Task Code	III-C-6	III-D-3	III-D-4	III-D-5	III-E
4	Title of Planning Task	Public Involvement	Special Studies	Regional and Statewide Planning	Corridor Protection	Management & Operations
5	Task Objective	Increase and improve Gaston Cleveland Lincoln MPO Public Involvement efforts. Implement and review performance measures.	Catawba Crossings Feasibility Study	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. Agreements and procedures will be updated if necessary.
6	Tangible Product Expected	Update the Public Participation Plan for the Gaston Cleveland Lincoln MPO area. Maximize public participation.	Catawba Crossings Feasibility Study	Regional Coordination	ROW dedication and construction	Quarterly reports and grant drawdown requests. GCLMPO TCC and MPO Board Agenda packages. All policy and written materials generated from GCLMPO activities.
7	Expected Completion Date of Product(s)	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020
8	Status	Ongoing	Annually	Ongoing	Ongoing	Ongoing
9	Prior FTA Funds	0	0	0	0	0
10	Relationship To Other Activities	Staff will initiate and implement efforts to improve the Public Participation 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.	A feasibility study will provide further details that the Catawba Crossings project will or will not meet the characteristics and criteria of a primary route. The purpose and need information will be used to develop concept-level planning for the number, type and location of crossing(s).	Staff will continue to participate in activities of the Charlotte Regional Alliance for Transportation (CRAFT) and the North Carolina Association of MPOs. Regional planning efforts will include an update to the region's ITS Plan, as well as the completion of a Regional Transit Study.	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 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
12	SPR - Local		\$23,175			\$18,750
13	SPR - Federal/State		\$440,325			\$75,000
14	SPR Total		\$463,500			\$93,750
15	Section 104(D) PL Local 20%	\$4,183		\$30,249	\$4,000	
16	Section 104(D) PL FHWA 80%	\$16,730		\$120,994	\$16,000	
17	Section 104(D) Total	\$20,913		\$151,243	\$20,000	
18	Section 5303 Local 10%					
19	Section 5303 NCDOT 10%					
20	Section 5303 FTA 80%					
21	Section 5303 FTA Total					

**Voting Member Local Match Obligation by Population for FY 2019-2020**

**AMENDMENT #1**

<b>Member Jurisdiction</b>	<b>MPA Population (2010)</b>	<b>% of Total</b>	<b>Shared Local Match (Approved)</b>	<b>Shared Local Match (Amendment)</b>	<b>State Share (5303 only)</b>	<b>Additional Local Match Special Projects</b>	<b>Total Local Match</b>
Belmont	10,076	2.63%	\$2,592	\$3,199		\$1,413	\$4,612
Bessemer City	5,340	1.40%	\$1,374	\$1,696			\$1,696
Boiling Springs	4,647	1.22%	\$1,196	\$1,476			\$1,476
Cherryville	5,760	1.51%	\$1,482	\$1,829			\$1,829
Cleveland County	63,866	16.70%	\$16,432	\$20,280			\$20,280
Cramerton	4,165	1.09%	\$1,072	\$1,323		\$584	\$1,907
Dallas	4,488	1.17%	\$1,155	\$1,425			\$1,425
Gaston County	79,290	20.73%	\$20,400	\$25,177		\$11,118	\$36,295
Gastonia	71,741	18.76%	\$18,458	\$22,780	\$3,900	\$13,960	\$36,740
Kings Mountain	10,296	2.69%	\$2,649	\$3,269			\$3,269
Lincoln County	67,779	17.72%	\$17,439	\$21,522			\$21,522
Lincolnton	10,486	2.74%	\$2,698	\$3,330			\$3,330
Lowell	3,526	0.92%	\$907	\$1,120			\$1,120
Mount Holly	13,656	3.57%	\$3,514	\$4,336			\$4,336
Ranlo	3,434	0.90%	\$884	\$1,090			\$1,090
Shelby	20,323	5.31%	\$5,229	\$6,453			\$6,453
Stanley	3,556	0.93%	\$915	\$1,129			\$1,129
<b>Total</b>	<b>382,429</b>	<b>100.00%</b>	<b>\$98,396</b>	<b>\$121,435</b>	<b>\$3,900</b>	<b>\$27,075</b>	<b>\$148,510</b>

Source: U.S. Census Bureau, 2010 Census