

**GASTON-CLEVELAND-LINCOLN
Metropolitan Planning Organization**

Transportation Planning

Mailing Address:
PO Box 1748
Gastonia, North Carolina 28053

Physical Address:
150 South York Street
Gastonia, North Carolina 28052

Tel: (704) 866.6837
Fax: (704) 869.1960

www.gclmpo.org

July 22, 2021

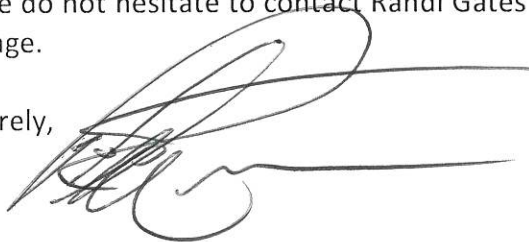
Jamal Alavi, PE, Director
North Carolina Department of Transportation
Transportation Planning Branch
1554 Mail Service Center
Raleigh, NC 27699-1554

Dear Mr. Alavi:

At its March 25, 2021 meeting, the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (GCLMPO) Board voted to approve the Fiscal Year 2021-2022 Unified Planning Work Program (UPWP) with a total budgeted amount of \$547,586. The GCLMPO Board Bylaws state that the chair can approve minor budget amendments of the UPWP that will not change the scope of the UPWP and do not exceed 5% of the total local area budget for the UPWP. An amendment to the FY 2021-2022 UPWP is attached to include \$15,000 to be used to contract out design services for the 2050 Metropolitan Transportation Plan (MTP) Update. The total budgeted amount for Task Code II-B-2: Regional Planning remains the same. This amendment is included in the narrative, as well as in Table 3.

Please do not hesitate to contact Randi Gates if there are any questions regarding the attached package.

Sincerely,



Richard Turner, MPO Board Chairman
Gaston-Cleveland-Lincoln MPO

Enclosure

C: Randi Gates, GCLMPO Administrator
John (Andy) Bailey, NCDOT-TPD, Western Piedmont Group Supervisor
Dominique Boyd, NCDOT-TPD, GCLMPO Coordinator

**GASTON-CLEVELAND-LINCOLN
METROPOLITAN PLANNING ORGANIZATION
UNIFIED PLANNING WORK PROGRAM
FISCAL YEAR 2021-2022**



Adopted: March 25, 2021

Amended: July 22, 2021

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 2021-2022
GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION**

JULY 1, 2021 -JUNE 30, 2022

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 Charlotte Regional Alliance for Transportation (CRAFT) Technical Team. 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 regional planning efforts or special studies. 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 2021-2022 by task code category. Also included is the dollar amount budgeted for the year. The recommendations are as follows:

TASK CODE II-A: DATA AND PLANNING SUPPORT

II-A-1 Networks and Support Systems

- **Traffic Volume Counts**
- **Vehicle Miles of Travel (VMT)**
- **Street System Changes**
- **Traffic Crashes**
- **Air Travel**
- **Bike/Ped Facilities Inventory**
- **Collection of Network Data**
- **Capacity Deficiency Analysis**
- **Mapping**

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 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.

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).

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 Health in All Policies (HiAP) workgroup of the Gaston County Healthcare Commission.

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.

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.

Total Funding: \$58,986

II-A-1a 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 continue implementation of individual efficiency study recommendations to improve overall system efficiency. Staff will continue to collect and disseminate daily and monthly ridership 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.

Total Funding: \$21,725

II-A-2 Travelers and Behavior

- **Dwelling Unit, Population and Employment Changes**
- **Collection of Base Year Data**
- **Travel Surveys**
- **Vehicle Occupancy Rates (Counts)**
- **Travel Time Studies**

This task includes updates of baseline data or census information that may be used in various transportation plans or planning activities. Staff will identify and evaluate changes in population and development throughout the MPO area. Staff will work to collect the following data by TAZ: Population, Housing Units, and Employment. The GIS database used to maintain housing and land use information will be updated and the information will be utilized in the Regional Travel Demand Model and the Metrolina Region's CommunityViz Model.

MPO staff will complete vehicle occupancy rate and travel time studies as needed and will conduct surveys to attain information such as origins and destinations, travel behavior, transit ridership, workplace commuting, etc.

Total Funding: \$12,500

II-A-3 Transportation Modeling

- **Travel Model Update**
- **Forecast of Data to Horizon Year**
- **Forecast of Future Travel Patterns**
- **Financial Planning**

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. MPO staff will update socioeconomic, roadway, and travel data for use in the Regional Travel Demand Model and the Metrolina

Region's CommunityViz Model. The datasets compiled for the regional modeling effort will need to be forecasted to future horizon years for air quality modeling purposes.

Total Funding: \$31,250

TASK CODE II-B: PLANNING PROCESS

II-B-1 Targeted Planning

- **Air Quality Planning/Conformity Analysis**
- **Alternative Fuels/Vehicles**
- **Hazard Mitigation and Disaster Planning**
- **Congestion Management Strategies**
- **Freight Movement/Mobility Planning**

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 the NCDOT Transportation Planning Division, FHWA, 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.

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.

Staff will work with the CRAFT Technical Committee to pursue, as appropriate, the recommendations of the Greater Charlotte Regional Freight Mobility Plan. GCLMPO will continue to work with the CRAFT Technical Committee and the Centralina Council of Governments (CCOG) to ensure the greater Charlotte Region is prepared for future deployment of connected and autonomous vehicles (CAV). The work of the CAV Task Force will inform the GCLMPO on specific actions needed.

CRAFT's Technical Committee selected Intelligent Transportation Systems (ITS) as its focus area. The regional ITS Plan has not been updated since 2001. The GCLMPO will continue to work with its local, state and federal partners to obtain funding and begin work on a TSMO & ITS Strategic Deployment 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.

Total Funding: \$25,000

II-B-2 Regional Planning

- **Community Goals and Objectives**
- **Highway Element of the CTP/MTP**
- **Bicycle and Pedestrian Element of the CTP/MTP**
- **Airport/Air Travel Element of the CTP/MTP**
- **Rail, Waterway, or Other Mode of the CTP/MTP**

An update to the MTP will be completed **by staff with design assistance from a consultant**. Staff will 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 will be coordinated with all necessary governing boards and NCDOT. Further, any amendments that are proposed through local community Land Use Plans will be reviewed.

Staff will work with NCDOT Division of Bicycle & Pedestrian Transportation to create a bicycle facilities 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.

GCLMPO will 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 the three airports in the GCLMPO area to coordinate aviation projects and work with unit member local governments along river corridors to research and implement blueways.

Total Funding: \$62,500

II-B-2a Transit Element of the CTP/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 work with CRAFT, CATS, and the Centralina Regional Council on the completion and implementation of the CONNECT Beyond: Regional Mobility Plan. CONNECT Beyond is an initiative to prepare a regional transit plan that will include innovative transportation solutions to enhance mobility and access throughout its twelve-county planning area. The plan is scheduled to be completed in the fall of 2021, after which the focus will shift from planning to implementation and the role of the region's transportation planning organizations will become more significant. As we move into implementation, the GCLMPO anticipates ongoing collaboration and coordination, follow-up activity associated with high capacity transit corridors (HCT), and regional system coordination. In addition, CONNECT Beyond outcomes may require modifications to the GCLMPO's Metropolitan Transportation Plan, Comprehensive Transportation Plan, congestion management process and other relevant plans and programs.

Total Funding: \$37,500

II-B-3 Special Studies

As additional funding becomes available, staff will conduct transportation planning studies in the Gaston-Cleveland-Lincoln MPO area, including but not limited to corridor studies and other studies as requested.

Catawba Crossings Feasibility Study – This study started in FY20 using FY20 funds and is continuing into FY22. A consultant is being used for the development of a feasibility study to evaluate a potential crossing on the Catawba River providing a third parallel crossing connecting Gaston and Mecklenburg Counties. The effort is being managed by the GCLMPO. Carryover Amount: \$124,926

Total Funding: \$0

TASK CODE III-A: PLANNING WORK PROGRAM

III-A-1 Planning Work Program

The GCLMPO will develop a Planning Work Program (PWP) with the guidance of the Technical Coordinating Committee (TCC) and MPO Board. Staff will present the PWP for approval to the MPO Board and submit to the NCDOT Transportation Planning Division. Amendments will be processed as needed.

Total Funding: \$2,500

III-A-2 Metrics and Performance Measures

MPO staff will update the PWP, MTP, etc. to address Performance Measure tracking and reporting. Working with the CRAFT Technical Committee, GCLMPO Staff will work on establishing, developing, refining, and updating performance measures and targets as required. Plans (CTP/MTP/TIP) will be updated as required to meet performance measure requirements.

Total Funding: \$3,750

TASK CODE III-B: TRANSPORTATION IMPROVEMENT PROGRAM

III-B-1 Prioritization

MPO staff will maintain a prioritized needs list for all modes. Staff will update and improve the local prioritization process for SPOT, gather data required for SPOT ranking, and evaluate transportation projects. Staff will continue to work directly with NCDOT on the current round of SPOT prioritization, making sure all deadlines are met. The MPO will host public meetings, etc. as required by the GCLMPO Public Participation Plan and assign Local Input Points according to an adopted LIP Methodology. Staff will attend SPOT related meetings at the local, regional, and statewide levels and will work with local government partners to assist with prioritization or project development/refinement.

Total Funding: \$25,000

III-B-2 Metropolitan TIP

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. Amendments to the MTIP will be processed as needed, following the adopted Public Participation Plan.

Total Funding: \$5,625

III-B-3 Merger/Project Development

MPO staff will review design issues for TIP projects and provide comments to appropriate agencies. Staff will participate in all scoping, project development, and merger meetings and will participate in the environmental study process for TIP projects and provide an MPO representative on NEPA/404 Merger Teams.

Total Funding: \$6,250

TASK CODE III-C: CIVIL RIGHTS COMPLIANCE/OTHER REGULATORY REQUIREMENTS

III-C-1 Title VI Compliance

Staff will conduct ongoing analysis of all MPO planning activities for compliance with Title VI of the Civil Rights Act of 1964; 49 CFR part 21 and update the Title VI plan and Limited English Proficiency Plan as needed.

Total Funding: \$2,500

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.

Total Funding: \$6,250

III-C-3 Minority Business Enterprise Planning

The GCLMPO will encourage the participation of minority-owned business enterprises in contractual and supply opportunities on an ongoing basis.

Total Funding: \$0

III-C-4 Planning for the Elderly

The GCLMPO will provide efforts focusing on complying with the key provisions of the ADA. Plan transportation facilities and services that can be utilized by persons with limited mobility. Coordinate with community stakeholders to identify relevant aging issues.

Total Funding: \$0

III-C-5 Safety and Drug Control Planning

MPO staff will work to perform safety audits, develop safety/securing improvements, and develop policies and planning for safety, security, and emergency preparedness issues.

Total Funding: \$0

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 will ensure compliance with NC General Statutes regarding open meetings and public records. MPO staff will work to improve social media efforts by actively distributing information on Twitter and Facebook. MPO staff will also utilize software and/or online tools that improve the staff's ability for outreach and collection of the public's opinions on transportation projects. The GCLMPO will update the Public Participation Plan as needed.

Total Funding: \$25,000

III-C-7 Private Sector Participation

The GCLMPO will encourage private sector participation in planning and project activities and will participate in various Chamber and local business events.

Total Funding: \$2,500

TASK CODE III-D: STATEWIDE AND EXTRA-REGIONAL PLANNING

III-D 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 Regional Council 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, Centralina, and CATS on the completion and implementation of the CONNECT Beyond: Regional Mobility Plan. CONNECT Beyond is an initiative to prepare a regional transit plan that will include innovative transportation solutions to enhance mobility and access throughout its twelve-county planning area. The plan is scheduled to be completed in the fall of 2021, after which the focus will shift from planning to implementation and the role of the region's transportation planning organizations will become more significant. As we move into implementation, the GCLMPO anticipates ongoing collaboration and coordination, follow-up activity associated with high capacity transit corridors (HCT), and regional system coordination. In addition, CONNECT Beyond outcomes may require modifications to the GCLMPO's Metropolitan Transportation Plan, Comprehensive Transportation Plan, congestion management process and other relevant plans and programs.

Staff will participate in other regional planning efforts and workshops as needed.

GCLMPO staff will serve as the local Project Manager for the Catawba Crossings Feasibility Study, which will be completed in FY 21-22.

Total Funding: \$125,000

TASK CODE III-E: MANAGEMENT OPERATIONS AND PROGRAM SUPPORT ADMINISTRATION

III-E Management Operations/Program Support Admin.

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.

Total Funding: \$93,750

Table 1
Gaston Cleveland Lincoln Unified Planning Work Program
Fiscal Year 2021-2022 Expenditures
(July 1, 2021 through June 30, 2022)

Amendment 1

Task Code	Description	Fund Allocation			Proposed Totals
		Federal	State	LPA	
II-A	Data and Planning Support				
II-A-1	Networks and Support Systems	\$47,189	\$0	\$11,797	\$58,986
II-A-1a	Transit System Data	\$17,380	\$2,172	\$2,173	\$21,725
II-A-2	Travelers and Behavior	\$10,000	\$0	\$2,500	\$12,500
II-A-3	Transportation Modeling	\$25,000	\$0	\$6,250	\$31,250
	Sub-total	\$99,569	\$2,172	\$22,720	\$124,461
II-B	Planning Process				
II-B-1	Targeted Planning	\$20,000	\$0	\$5,000	\$25,000
II-B-2	Regional Planning	\$50,000	\$0	\$12,500	\$62,500
II-B-2a	Transit Element of the CTP/MTP	\$30,000	\$3,750	\$3,750	\$37,500
II-B-3	Special Studies	\$0	\$0	\$0	\$0
	Sub-total	\$100,000	\$3,750	\$21,250	\$125,000
III-A	Planning Work Program				
III-A-1	Planning Work Program	\$2,000	\$0	\$500	\$2,500
III-A-2	Metrics and Performance Measures	\$3,000	\$0	\$750	\$3,750
	Sub-Total	\$5,000	\$0	\$1,250	\$6,250
III-B	Transportation Improvement Program				
III-B-1	Prioritization	\$20,000	\$0	\$5,000	\$25,000
III-B-2	Metropolitan TIP	\$4,500	\$0	\$1,125	\$5,625
III-B-3	Merger/Project Development	\$5,000	\$0	\$1,250	\$6,250
	Sub-Total	\$29,500	\$0	\$7,375	\$36,875
III-C	Civil Rights Compliance/Other Regulatory Requirements				
III-C-1	Title VI Compliance	\$2,000	\$0	\$500	\$2,500
III-C-2	Environmental Justice	\$5,000	\$0	\$1,250	\$6,250
III-C-3	Minority Business Enterprise Planning	\$0	\$0	\$0	\$0
III-C-4	Planning for the Elderly	\$0	\$0	\$0	\$0
III-C-5	Safety and Drug Control Planning	\$0	\$0	\$0	\$0
III-C-6	Public Involvement	\$20,000	\$0	\$5,000	\$25,000
III-C-7	Private Sector Participation	\$2,000	\$0	\$500	\$2,500
	Sub-Total	\$29,000	\$0	\$7,250	\$36,250
III-D	Statewide and Extra-Regional Planning				
III-D	Regional and Statewide Planning	\$100,000	\$0	\$25,000	\$125,000
	Sub-Total	\$100,000	\$0	\$25,000	\$125,000
III-E	Management Operations and Program Support Administration				
III-E	Management Operations/Program Support Admin.	\$75,000	\$0	\$18,750	\$93,750
	Sub-Total	\$75,000	\$0	\$18,750	\$93,750
TOTALS		\$438,069	\$5,922	\$103,595	\$547,586

FY 20-funded Special Studies continuing in FY 22 (FY20 funds)

Catawba Crossings Feasibility Study	\$90,000	\$16,876	\$18,050	\$124,926
Totals - FY 20-funded Special Studies that will be completed in FY22	\$90,000	\$16,876	\$18,050	\$124,926

2021-2022 Federal PL, SPR & 5303 Funds	
	Funding Amount
FY 21-22 MPO (104(d) Federal	\$315,689
Shared PL (104(d)) Local Match	\$78,922
Total GCLMPO PL (104(d))	\$394,611
SPR/RPO Allocation	\$75,000
SPR/RPO Allocation match	\$18,750
Total SPR Allocation	\$93,750
Total GCLMPO PL and SPR	\$488,361
5303 Transit Funds	\$47,380
5303 Transit Funds Match	\$11,845
Total 5303 Transit Fund Grant	\$59,225
TOTAL UPWP (FY22 funds)	\$547,586

Table 2
Agency Spending
Gaston Cleveland Lincoln MPO Unified Planning Work Program
Fiscal Year 2021-2022 Revenues

Amendment 1

FTA Code	Task Code	Description	SPR			Sec. 104(d) PL			Sec. 5303				Sec. 5307			Task Funding Totals			
			NCDOT 80%	LPA 20%	Total 100%	FHWA 80%	LPA \$0	Total 100%	FTA 80%	NCDOT 10%	LPA 10%	Total 100%	FTA 80%	NCDOT 10%	LPA 10%	Federal	State*	LPA	Total
	II-A	Data and Planning Support																	
44.24.00	II-A-1	Networks and Support Systems				\$47,189	\$11,797	\$58,986								\$47,189		\$11,797	\$58,986
44.24.00	II-A-1a	Transit System Data							\$17,380	\$2,172	\$2,173	\$21,725			\$17,380	\$2,172	\$2,173	\$21,725	
44.23.01	II-A-2	Travelers and Behavior				\$10,000	\$2,500	\$12,500							\$10,000		\$2,500	\$12,500	
44.23.02	II-A-3	Transportation Modeling				\$25,000	\$6,250	\$31,250							\$25,000		\$6,250	\$31,250	
	II-B	Planning Process																	
44.23.02	II-B-1	Targeted Planning				\$20,000	\$5,000	\$25,000							\$20,000		\$5,000	\$25,000	
44.23.01	II-B-2	Regional Planning				\$50,000	\$12,500	\$62,500							\$50,000		\$12,500	\$62,500	
44.23.01	II-B-2a	Transit Element of the CTP/MTP							\$30,000	\$3,750	\$3,750	\$37,500			\$30,000	\$3,750	\$3,750	\$37,500	
44.27.00	II-B-3	Special Studies				\$0	\$0	\$0							\$0		\$0	\$0	
	III-A	Planning Work Program																	
44.21.00	III-A-1	Planning Work Program				\$2,000	\$500	\$2,500							\$2,000		\$500	\$2,500	
44.24.00	III-A-2	Metrics and Performance Measures				\$3,000	\$750	\$3,750							\$3,000		\$750	\$3,750	
	III-B	Transportation Improvement Program																	
44.25.00	III-B-1	Prioritization				\$20,000	\$5,000	\$25,000							\$20,000		\$5,000	\$25,000	
44.25.00	III-B-2	Metropolitan TIP				\$4,500	\$1,125	\$5,625							\$4,500		\$1,125	\$5,625	
44.25.00	III-B-3	Merger/Project Development				\$5,000	\$1,250	\$6,250							\$5,000		\$1,250	\$6,250	
	III-C	Civil Rights Compliance/Other Regulatory Requirements																	
44.27.00	III-C-1	Title VI Compliance				\$2,000	\$500	\$2,500							\$2,000		\$500	\$2,500	
44.27.00	III-C-2	Environmental Justice				\$5,000	\$1,250	\$6,250							\$5,000		\$1,250	\$6,250	
44.27.00	III-C-3	Minority Business Enterprise Planning				\$0	\$0	\$0							\$0		\$0	\$0	
44.27.00	III-C-4	Planning for the Elderly				\$0	\$0	\$0							\$0		\$0	\$0	
44.27.00	III-C-5	Safety and Drug Control Planning				\$0	\$0	\$0							\$0		\$0	\$0	
44.27.00	III-C-6	Public Involvement				\$20,000	\$5,000	\$25,000							\$20,000		\$5,000	\$25,000	
44.27.00	III-C-7	Private Sector Participation				\$2,000	\$500	\$2,500							\$2,000		\$500	\$2,500	
	III-D	Statewide and Extra-Regional Planning																	
44.27.00	III-D	Regional and Statewide Planning				\$100,000	\$25,000	\$125,000							\$100,000		\$25,000	\$125,000	
	III-E	Management Operations and Program Support Administration																	
44.27.00	III-E	Management Operations/Program Support Admin.	\$75,000	\$18,750	\$93,750										\$75,000		\$18,750	\$93,750	
	TOTALS	Totals	\$75,000	\$18,750	\$93,750	\$315,689	\$78,922	\$394,611	\$47,380	\$5,922	\$5,923	\$59,225	\$0	\$0	\$0	\$438,069	\$5,922	\$103,595	\$547,586

Amendment 1

**TABLE 3
FY 2021-2022 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-A-3	Travel Model Updates Metrolina Regional Model	GCLMPO	Transportation Planning Services	\$16,625	\$4,156	\$20,781
III-D	ITS Plan Update	GCLMPO	Transportation Planning Services	\$60,000	\$15,000	\$75,000
II-B-2	2050 MTP Update	GCLMPO	Transportation Planning Services Design Support	\$12,000	\$3,000	\$15,000
II-B-3	<i>Catawba Crossings Feasibility Study (FY20 Funds)</i>	<i>GCLMPO</i>	<i>Transportation Planning Services</i>	<i>\$106,876</i>	<i>\$18,050</i>	<i>\$124,926</i>
TOTAL				\$195,501	\$40,206	\$235,707

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 2021-2022 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	Gaston Cleveland Lincoln	Gaston Cleveland Lincoln
2	FTA Code	44.24.00	44.24.00	44.23.01	44.23.02	44.23.02	44.23.01	44.23.01	44.27.00
3	Task Code	II-A-1	II-A-1a	II-A-2	II-A-3	II-B-1	II-B-2	II-B-2a	II-B-3
4	Title of Planning Task	Networks and Support Systems	Transit System Data	Travelers and Behavior	Transportation Modeling	Targeted Planning	Regional Planning	Transit Element of CTP/MTP	Special Studies
5	Task Objective	<ul style="list-style-type: none"> Traffic Volume Counts Vehicle Miles of Travel (VMT) Street System Changes Traffic Crashes Air Travel Bike/Ped Facilities Inventory Collection of Network Data Capacity Deficiency Analysis Mapping 	Update GIS data for fixed routes, deviated fixed routes, service areas, and ridership for transit providers in the GCLMPO area.	<ul style="list-style-type: none"> Dwelling Unit, Population and Employment Changes Collection of Base Year Data Travel Surveys Vehicle Occupancy Rates (Counts) Travel Time Studies 	<ul style="list-style-type: none"> Travel Model Update Forecast of Data to Horizon Year Forecast of Future Travel Patterns Financial Planning 	<ul style="list-style-type: none"> Air Quality Planning/Conformity Analysis Alternative Fuels/Vehicles Hazard Mitigation and Disaster Planning Congestion Management Strategies Freight Movement/Mobility Planning 	<ul style="list-style-type: none"> Community Goals and Objectives Highway Element of the CTP/MTP Bicycle and Pedestrian Element of the CTP/MTP Airport/Air Travel Element of the CTP/MTP Rail, Waterway, or Other Mode of the CTP/MTP 	Implement the issues raised through the Coordinated Comprehensive Transportation Plan (CCTP), and monitor the Transit Element of the 2045 Metropolitan Transportation Plan. Completion and implementation of the CONNECT Beyond: Regional Mobility Plan.	As additional funding becomes available, conduct transportation planning studies in the Gaston Cleveland Lincoln MPO area including but not limited to corridor studies and other studies as requested.
6	Tangible Product Expected	Updated traffic volume counts for major and minor thoroughfares as well as updated crash data within the Gaston Cleveland Lincoln MPO Area. Updated bicycle facility and sidewalk data. Updated maps and layers on the MPO's interactive map (ArcGIS Online).	Continue to incorporate data needed as recommended in the Community Transportation Services Plan (CTSP).	Updated socioeconomic data including: population, housing units, and employment. Data input for the Regional Travel Demand Model and the Metrolina Region's CommunityViz Model.	Updated socioeconomic, roadway, and travel data. Data input for Regional Travel Demand Model and the Metrolina Region's CommunityViz Model.	Completed air quality conformity determination. Successful CMAQ program. Modeling output for land development proposals. Reported freight traffic documented within the Gaston Cleveland Lincoln MPO area.	Regional goals, objectives, and policies. System Plans and CTP/MTP Updates. Coordination of Bike/Ped Projects. Updated GCLMPO Area Bicycle Facilities Map. Coordination of Aviation Projects.	Implementation of 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. GCLMPO will also work with CRAFT, CATS, and the Centralina Regional Council on the completion and implementation of the CONNECT Beyond: Regional Mobility Plan.	As additional funding becomes available, prepare transportation studies for Gaston Cleveland Lincoln MPO transportation corridors.
7	Expected Completion Date of Product(s)	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022
8	Status	Ongoing	The GCLMPO continues to work with Gastonia Transit staff to implement improvement recommendations from the efficiency study completed in 2016. In addition, MPO staff continue to implement and monitor efforts of a Congestion Mitigation and Air Quality (CMAQ) funded midday service addition to the CATS 85X Gastonia Express Commuter Bus Route.	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Annually
9	Prior FTA Funds	0	\$21,725	0	0	0	0	\$37,500	0
10	Relationship To Other Activities	Data will be used to assess existing and proposed travel demand, roadway congestion, and safety. Data will also be used to supplement and improve bike/ped activities and planning efforts. Utilize Arc GIS to map all Transportation Planning activities and needs.	Data will be collected and monitored of existing routes and support goals and objectives of the "Transit Element of the 2045 MTP."	The datasets compiled for the regional modeling effort will need to be forecasted to future horizon years for air quality modeling purposes. Several different land use scenarios may be studied.	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 future horizon years for air quality modeling purposes.	The MPO must make a determination as to the conformity of the MTP to the State Implementation Plan (SIP) for air quality. Staff will continue to work with NCDOT-TPD, FHWA, and other appropriate agencies on this effort. Staff will continue to implement a successful local CMAQ program. Further study will be conducted on rail and heavy truck freight traffic within the MPO area.	Staff will make any necessary adjustments and amendments to the adopted MTP and CTP based on corridor studies and express designs to refine alignments. Staff will coordinate with all necessary governing boards and NCDOT. Staff will continue to work with NCDOT Bike/Ped Division to update the GCLMPO Area bicycle route map. Working with the MPO's Bicycle and Pedestrian Advisory Committee, staff will continue to encourage the design of future transportation improvements which accommodate alternate modes of transportation.	Work in this task code is related to work being done under the task codes "Transit System Data" (data collection). GCLMPO will also continue to work with Charlotte Area Transit System (CATS) on the expansion of light rail into Gaston County.	
11	Agency Responsible for Task Completion	NCDOT & Gaston Cleveland Lincoln MPO	GCLMPO Area Transit Agencies, Charlotte Area Transit (CATS) & Gaston Cleveland Lincoln MPO	NCDOT, CDOT, CCOG & Gaston Cleveland Lincoln MPO	NCDOT, CDOT, CCOG & Gaston Cleveland Lincoln MPO	NCDOT & Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO	GCLMPO Area Transit Agencies, Charlotte Area Transit (CATS) & Gaston Cleveland Lincoln MPO	Gaston Cleveland Lincoln MPO
12	SPR - Highway - NCDOT 20%								
13	SPR - Highway - FHWA 80%								
14	SPR Total								
15	Section 104(D) PL Local 20%	\$11,797		\$2,500	\$6,250	\$5,000	\$12,500		\$0
16	Section 104(D) PL FHWA 80%	\$47,189		\$10,000	\$25,000	\$20,000	\$50,000		\$0
17	Section 104(D) Total	\$58,986		\$12,500	\$31,250	\$25,000	\$62,500		\$0
18	Section 5303 Local 10%		\$2,173					\$3,750	
19	Section 5303 NCDOT 10%		\$2,172					\$3,750	
20	Section 5303 FTA 80%		\$17,380					\$30,000	
21	Section 5303 FTA Total		\$21,725					\$37,500	

Table #4
 Gaston Cleveland Lincoln MPO
 Sections 104(D), SPR and 5303
 FY 2021-2022 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	44.27.00	44.27.00	44.27.00	44.27.00	44.27.00	44.27.00
3	Task Code	III-C-4	III-C-5	III-C-6	III-C-7	III-D	III-E
4	Title of Planning Task	Planning for the Elderly	Safety and Drug Control Planning	Public Involvement	Private Sector Participation	Regional and Statewide Planning	Management Operations/Program Support Admin.
5	Task Objective	Provide efforts focusing on complying with the key provisions of the ADA. Plan transportation facilities and services that can be utilized by persons with limited mobility. Coordinate with community stakeholders to identify relevant aging issues.	Performing safety audits, developing safety/securing improvements, and developing policies and planning for safety, security, and emergency preparedness issues.	Increase and improve Gaston Cleveland Lincoln MPO Public Involvement efforts. Ensure compliance with NC General Statutes regarding open meetings and public records. Update the Public Participation Plan as needed.	Encourage private sector participation in planning and project activities.	Coordinate with regional transportation partners (CRAFT), MPO local governments, and NCDOT on regionally significant projects.	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			Updated Public Participation Plan for the Gaston Cleveland Lincoln MPO area. Maximum public participation during public comment periods. Updated website, social media, and outreach materials.	Participation in various Chamber and local business events.	<ul style="list-style-type: none"> Regional Coordination Participation in an update to the Metrolina Regional Transportation Systems Management and Operations (TSMO) Vision and Regional Intelligent Transportation System (ITS) Architecture and Strategic Deployment Plan. Implementation of the CONNECT Beyond: Regional Mobility Plan 	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)	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022	6/30/2022
8	Status			Ongoing	Ongoing	Ongoing	Ongoing
9	Prior FTA Funds	0	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. MPO staff will work to improve social media efforts by actively distributing information on Twitter and Facebook.		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 and implementation of the CONNECT Beyond: Regional Mobility Plan.	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, Regional MPO/RPO Partners, Centralina Regional Council & NCDOT	Gaston Cleveland Lincoln MPO
12	SPR - Highway - NCDOT 20%						\$18,750
13	SPR - Highway - FHWA 80%						\$75,000
14	SPR Total						\$93,750
15	Section 104(D) PL Local 20%	\$0	\$0	\$5,000	\$500	\$25,000	
16	Section 104(D) PL FHWA 80%	\$0	\$0	\$20,000	\$2,000	\$100,000	
17	Section 104(D) Total	\$0	\$0	\$25,000	\$2,500	\$125,000	
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 2021-2022

Amendment 1

Member Jurisdiction	MPA Population (2010)	% of Total	Shared Local Match	State Share (5303 only)	Additional Local Match Special Projects	Total Local Match
Belmont	10,076	2.63%	\$2,573			\$2,573
Bessemer City	5,340	1.40%	\$1,364			\$1,364
Boiling Springs	4,647	1.22%	\$1,187			\$1,187
Cherryville	5,760	1.51%	\$1,471			\$1,471
Cleveland County	63,866	16.70%	\$16,311			\$16,311
Cramerton	4,165	1.09%	\$1,064			\$1,064
Dallas	4,488	1.17%	\$1,146			\$1,146
Gaston County	79,290	20.73%	\$20,251			\$20,251
Gastonia	71,741	18.76%	\$18,323	\$5,923	\$5,923	\$24,245
Kings Mountain	10,296	2.69%	\$2,630			\$2,630
Lincoln County	67,779	17.72%	\$17,311			\$17,311
Lincolnton	10,486	2.74%	\$2,678			\$2,678
Lowell	3,526	0.92%	\$901			\$901
Mount Holly	13,656	3.57%	\$3,488			\$3,488
Ranlo	3,434	0.90%	\$877			\$877
Shelby	20,323	5.31%	\$5,190			\$5,190
Stanley	3,556	0.93%	\$908			\$908
Total	382,429	100.00%	\$97,672	\$5,923	\$5,923	\$103,595

Source: U.S. Census Bureau, 2010 Census