# GASTON-CLEVELAND-LINCOLN
## Metropolitan Planning Organization

## MPO Board
## VIRTUAL MEETING

Thursday, January 27, 2022
6:30 pm

Click on the link below to join the meeting from a computer, tablet, or smart phone.

https://us02web.zoom.us/j/82495105786?pwd=d3NBd09YWkNYdWpqZU9BVE5ENW5iZz09

Or dial 1-301-715-8592 to join using your phone.
Meeting ID: 824-9510-5786 Passcode: 810253

## AGENDA

1. Introduction of Members and Guests
2. Determination of Quorum and Good Standing
3. Ethics Awareness & Conflict of Interest Reminder
4. Set Agenda
5. Approval of December 1, 2021 Minutes
6. Public Comment
7. Consent Agenda—2020-2029 TIP Administrative Modifications
8. Draft 2050 MTP & Revised 2020-2029 TIP Public Comment Period
9. 2022 Safety Targets
10. Draft FY 2022-2023 UPWP
11. MPO Board Meeting Meals—FY 2022-2023
12. Other Business
    a. Catawba Crossings Feasibility Study Update
    b. 2022 Joint GCLMPO/CRTPO Roundtable
    c. NCDOT Update—Board Member, Division 12 Staff and TPD MPO Coordinator
    d. Transit Ridership Update

***MPO Board Members (voting):***

*City of Belmont, City of Bessemer City, Town of Boiling Springs, City of Cherryville, Town of Cramerton, Town of Dallas, City of Gastonia (2), City of Kings Mountain, City of Lincolnton, City of Lowell, City of Mount Holly, Town of Ranlo, City of Shelby, Town of Stanley, Cleveland County, Gaston County, Lincoln County, NCDOT Board of Transportation*

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GASTON-CLEVELAND-LINCOLN MPO
Metropolitan Planning Organization

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Gastonia, North Carolina 28052
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# AGENDA

The **MPO Board** of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (GCLMPO) will meet **virtually** on **Thursday, January 27, 2022** at **6:30 PM**. Instructions on how to join the meeting are included on the cover. The following is the agenda for the meeting:

1. **Introduction of Members & Guests**
   ***Presenter: Scott Neisler, MPO Board Chair***
   A roll call will be conducted and all guests shall introduce themselves at this time.

2. **Determination of Quorum and Good Standing**
   ***Presenter: Scott Neisler, MPO Board Chair***
   The bylaws for the MPO require a quorum of 50% of voting members. This requires attendance of at least **nine (9)** of the following members:

   [ ] City of Belmont
   [ ] City of Bessemer City
   [ ] Town of Boiling Springs
   [ ] City of Cherryville
   [ ] Town of Cramerton
   [ ] Town of Dallas
   [ ] City of Gastonia (1/2)
   [ ] City of Gastonia (2/2)
   [ ] City of Kings Mountain
   [ ] City of Lincolnton
   [ ] City of Lowell
   [ ] City of Mount Holly
   [ ] Town of Ranlo
   [ ] City of Shelby
   [ ] Town of Stanley
   [ ] County of Cleveland
   [ ] County of Gaston
   [ ] County of Lincoln

   *Not in Good Standing (Missed three or more consecutive meetings)

   [ ] NC Board of Transportation

   According to the MPO Board Bylaws, the NC Board of Transportation member is the only voting member that does not count towards the quorum.

3. **Ethics Awareness & Conflict of Interest Reminder**
   ***Presenter: Scott Neisler, MPO Board Chair***
   At each MPO Board meeting, the Chair must read the ethics awareness and conflict of interest reminder.

4. **Set Agenda**
   ***Presenter: Scott Neisler, MPO Board Chair***
   The agenda needs to be set to include adding “New” or “Other Business.”

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5. **Approval of Minutes**
***Presenter: Scott Neisler, MPO Board Chair***

Review and adopt the minutes from the regularly scheduled meeting of December 1, 2021.

ACTION REQUESTED: Approve as presented.

6. **Public Comment**
***Presenter: Scott Neisler, MPO Board Chair***

Any public comment will be presented and addressed at this time. Each person desiring to speak shall fill out a form prior to the beginning of the MPO meeting. Each person has three (3) minutes to speak.

**CONSENT AGENDA**

7. **2020-2029 Transportation Improvement Program (TIP) – Administrative Modifications**

All projects receiving federal funding must be in the GCLMPO's TIP and the NCDOT's State Transportation Improvement Program (STIP). The federal regulations also require that project schedules and funding amounts be consistent between the TIP and the STIP.

ACTION REQUESTED: Approve the 2020-2029 TIP Administrative Modifications as presented.

**REGULAR AGENDA**

8. **Draft 2050 MTP & Revised 2020-2029 TIP Public Comment Period**
***Presenter: Randi Gates, Principal Transportation Planner***

The MPO is required to update its long-range transportation plan, known as the Metropolitan Transportation Plan (MTP), by March 2022. This MTP will replace the existing plan, which was adopted in March of 2018. In addition, there are 10 TIP amendments that were approved by the NCDOT Board of Transportation in October 2020 that require a conformity determination. This is being handled concurrently with the conformity determination for the 2050 MTP and will also require amendments to the 2045 MTP.

ACTION REQUESTED: Approve the draft 2050 MTP report, draft air quality conformity determination report, and 2020-2029 TIP amendments to be released for a 30-day public comment period.

9. **Performance-Based Planning: 2022 Safety Targets**
***Presenter: Randi Gates, Principal Transportation Planner***

Federal transportation legislation requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan planning process.

ACTION REQUESTED: Approve the 2022 Safety Targets as presented.

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**10. DRAFT FY 2022-2023 Unified Planning Work Program (UPWP)**

***Presenter: Randi Gates, Principal Transportation Planner***

The MPO is required to approve a work program and budget to identify tasks and expenses for the upcoming fiscal year.

ACTION REQUESTED: For information only at this time.

**11. MPO Board Meeting Meals – FY 2022-2023**

***Presenter: Randi Gates, Principal Transportation Planner***

Since FY 2018-2019, member jurisdictions have been invoiced for MPO Board Meeting meals. Food is not an eligible expense for the MPO's 104(d) or SPR grants, and therefore cannot be reimbursed. It is requested that the cost of meals continue to be divided equally among the member jurisdictions. This will be invoiced quarterly along with the local match amounts for the grant.

ACTION REQUESTED: Approve as presented.

**12. Other Business**

a. Catawba Crossings Feasibility Study Update
b. 2022 Joint GCLMPO/CRTPO Roundtable
c. NCDOT Update – Division 12 Staff and TPD MPO Coordinator
d. Transit Systems Ridership

**13. Adjournment**

*In accordance with DOT Order 1050.2A, the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (GCLMPO) assures the North Carolina Department of Transportation (NCDOT) that no person shall, on the ground of race, color, national origin, sex, creed, age, or disability, as provided by Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987 and related nondiscrimination authorities, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any program or activity undertaken by GCLMPO.*

*Individuals requiring special accommodations when attending this public meeting and/or if this information is needed in an alternative format because of a disability, should contact the City of Gastonia Human Resources Department, located in City Hall at 181 S. South Street, telephone (704-866-6786), fax (704-836-0022) or by email: judys@cityofgastonia.com. The Human Resources Department requests at least 72 hours' notice prior to the meeting to make the appropriate arrangements.*

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# MEETING MINUTES

**Gaston-Cleveland-Lincoln**
**Metropolitan Planning Organization (GCLMPO) Board**

## December 1, 2021

**Virtual Meeting**

The scheduled Board meeting of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization was held on Wednesday, December 1, 2021 from 6:30 pm – 7:07 pm virtually, via Zoom.

**Members Present**

| | |
|---|---|
| Stan Anthony | City of Shelby, Mayor |
| Richard Atkinson | Town of Cramerton, Commisioner |
| H. L. Beam | City of Cherryville, Mayor |
| Cathy Davis | Lincoln County, Commissioner |
| Martin Eaddy | City of Lincolnton, Council Member |
| Ken Ervin | City of Lowell, Council Member |
| Allen Fraley | Gaston County, Commissioner |
| Jamie Fowler | Town of Ranlo, Commissioner |
| Tommy Greene | Town of Boiling Springs, Council Member |
| Leigh Anna Helms | Town of Stanley, Council Member |
| Johnny Hutchins | Cleveland County, Commissioner |
| Brad Lail | NCDOT Div. 12, BOT Member |
| Keith Miller | City of Kings Mountain, Council Member |
| Scott Neisler | City of Kings Mountain, Mayor, **MPO Board Vice-Chair** |
| Jill Puett | City of Cherryville, Mayor Pro Tem |
| Jennifer Stepp | City of Gastonia, Council Member |
| Richard Turner | City of Belmont, Council Member, **MPO Board Chair** |
| Ronnie Whetstine | Cleveland County, Commissioner |

**Staff Present**

| | |
|---|---|
| Arthur Cashwell | GCLMPO, Senior Planner |
| Randi Gates | GCLMPO, Principal Transportation Planner |
| Julio Paredes | GCLMPO, Planner |
| Kristen Wheeler | GCLMPO, Administrative Assistant |

**Guests Present**

| | |
|---|---|
| Loretta Barren | FHWA, Planner |
| Andrew Bryant | Lincoln County, Dir. Of Development Services, *TCC Chair* |
| Juan Garcia | Gaston County, Planner |
| Jason Lawrence | CATS, Senior Transportation Planner |
| Anil Panicker | NCDOT Division 12, Planning Engineer |
| Mark Stafford | NCDOT Division 12, Division Engineer |
| Jason Wager | Centralina Regional Council, Principal Planner |
| Jim Walker | Citizen |

**Absences** (x = Absent) / Not In Good Standing

| Member | Sept | Dec | 2021 Jan | Mar | May | July | Sept | Dec |
|---|---|---|---|---|---|---|---|---|
| City of Belmont | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| City of Bessemer City | X | X | ------ | X | ------ | ------ | X | X |
| Town of Boiling Springs | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| City of Cherryville | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| Town of Cramerton | ------ | X | ------ | ------ | ------ | ------ | X | ------ |
| Town of Dallas | X | ------ | X | ------ | X | ------ | ------ | X |
| City of Gastonia (1/2) | ------ | ------ | ------ | ------ | X | ------ | X | X |
| City of Gastonia (2/2) | X | X | ------ | ------ | X | ------ | X | ------- |
| City of Kings Mountain | X | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| City of Lincolnton | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| City of Lowell | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| City of Mount Holly | ------ | X | ------ | ------ | X | ------ | ------ | X |
| Town of Ranlo | X | X | X | X | ------ | ------ | ------ | ------ |
| City of Shelby | ------ | X | ------ | ------ | ------ | X | ------ | ------ |
| Town of Stanley | X | X | X | X | X | X | ------ | ------ |
| Cleveland County | X | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| Gaston County | ------ | ------ | X | ------ | X | X | ------ | ------ |
| Lincoln County | ------ | ------ | ------ | ------ | ------ | ------ | ------ | ------ |
| NCDOT – Board of Transportation | ------ | ------ | ------ | ------ | ------ | ------ | X | ------ |

1. **Introduction of Members & Guests**
   ***Presenter: Richard Turner, MPO Board Chair***
   Mr. Turner welcomed all members and guests. Mrs. Gates conducted a roll call.

2. **Determination of Quorum and Good Standing**
   ***Presenter: Richard Turner, MPO Board Chair***
   Mrs. Gates determined that a quorum had been met.

3. **Ethics Awareness & Conflict of Interest Reminder**
   ***Presenter: Richard Turner, MPO Board Chair***
   Mr. Turner read the ethics awareness and conflict of interest reminder.

4. **Set Agenda**
   ***Presenter: Richard Turner, MPO Board Chair***
   Mr. Turner stated that it was time to set the agenda.

   **Mr. Ervin motioned to set the agenda as presented. Mrs. Stepp seconded and the motion passed unanimously.**

5. **Approval of Minutes**
   ***Presenter: Richard Turner, MPO Board Chair***
   Mr. Turner asked for a motion to approve the September 23, 2021 meeting minutes as presented.

   **Mr. Fraley motioned to approve the September 23, 2021 minutes as presented. Mr. Ervin seconded and the motion passed unanimously.**

6. **Public Comment**

***Presenter: Richard Turner, MPO Board Chair***

Mr. Walker thanked the Board for the opportunity to participate in the meeting and noted that he is looking forward to a successful year in 2022.

**CONSENT AGENDA**

7. **2020-2029 Transportation Improvement Program (TIP) – Administrative Modifications**

All projects receiving federal funding must be in the GCLMPO's TIP and the NCDOT's State Transportation Improvement Program (STIP). The federal regulations also require that project schedules and funding amounts be consistent between the TIP and the STIP.

**Mr. Eaddy motioned to approve the 2020-2029 TIP Administrative Modifications as presented. Mrs. Stepp seconded and the motion passed unanimously.**

**REGULAR AGENDA**

8. **2020-2029 TIP / 2045 MTP Amendments**

***Presenter: Randi Gates, Principal Transportation Planner***

The GCLMPO's Transportation Improvement Program (TIP) and 2045 Metropolitan Transportation Plan (MTP) need to be amended to reflect modifications that have been made to the 2020-2029 State Transportation Improvement Program (STIP). These amendments were before the TCC and Board at the September meetings and went out for a 30-day public comment period. No comments were received for these amendments.

Mr. Ervin asked if it is possible to include a Spencer Mountain Rd. extension in the future, to accommodate new development in that area. Mrs. Gates said that they will address that project when identifying projects for P7.0.

**Mr. Greene motioned to approve the 2020-2029 TIP and 2045 MTP Amendments as presented. Mr. Anthony seconded and the motion passed unanimously.**

9. **CONNECT Beyond Regional Mobility Plan - Resolution of Endorsement**

***Presenter: Randi Gates, Principal Transportation Planner***

CONNECT Beyond is a bold regional mobility plan that sets the vision for how to better connect the rural, suburban, and urban communities in our 12-county region. The Plan includes key recommendations paired with specific strategies and implementation steps to create a network that transforms the way residents and visitors travel throughout our region. The plan has been adopted by Centralina's Board and the CATS MTC. The next steps for the GCLMPO will be coordination with regional partners and incorporating the recommendations into the MTP and CTP as appropriate. Additionally, the MPO will ensure that, if necessary, the current UPWP is updated to include appropriate CONNECT Beyond components and work on implementation steps for the FY 2023 UPWP. Mrs. Gates noted that in the Resolution of Endorsement there is a portion that states that the MPO Board will appoint a representative to participate in the CONNECT Beyond Funding and Partnership Working Group. This step does not need to be completed immediately, but Mrs. Gates stated the staff will be looking for someone to participate in the future.

**Mrs. Stepp motioned to approve the Resolution to endorse the CONNECT Beyond Regional Mobility Plan. Mr. Miller seconded and the motion passed unanimously.**

10. **2022 Meeting Calendar**

***Presenter: Randi Gates, Principal Transportation Planner***

The GCLMPO Meeting Calendar shall be endorsed by the MPO Board as its schedule for meetings. As it has been historically, the Board meets the fourth Thursday of every other month with the exception of November as it coincides with Thanksgiving. Mrs. Gates asked if there were any comments regarding meeting in-person versus virtually in January. Mrs. Davis, Mr. Miller and Mr. Eaddy stated that they preferred to continue with virtual meetings in January but a final decision will be made after the holidays.

**Mr. Hutchins motioned to approve the 2022 meeting calendar as presented. Mr. Beam seconded and the motion passed unanimously.**

**11. Election of Officers for 2022**

***Presenter: Randi Gates, Principal Transportation Planner***

The MPO Bylaws state that officers shall be elected annually from the members of the MPO Board. Mr. Turner has served both of the terms for which he's eligible and a new Chair needs to be nominated. The Chair and Vice Chair need to represent different counties of the MPO.

**Mr. Greene nominated Mayor Scott Neisler for Chair. Mr. Hutchins seconded and the nomination passed unanimously. Mr. Anthony motioned to close the nominations and approve Mr. Neisler by acclamation. The motion was approved unanimously.**

**Mr. Fraley nominated Mayor H.L. Beam for Vice-Chair. Mr. Ervin seconded and the nomination passed unanimously.**

**12. Other Business**

a. **P6 Update -** Mrs. Gates noted that P6.0 is halted due to the 2020 STIP being over programmed. As a member of the P6.0 statewide workgroup that meets monthly to determine the next steps for programming the 2024-2033 STIP. Mrs. Gates stated that the goals of the workgroup are to develop a trustworthy, independent STIP, that is fiscally constrained, to produce a 2024-2033 STIP using the current STIP project list with transparency, have an opportunity to fund new projects in P7.0 in all 22 categories and to ensure the process is grounded in state and federal requirements. For projects in the Statewide Tier in the current STIP that are considered committed there are cost overages of more than $4.7 billion. The Regional Impact Tier, Region F, is currently $578.5 million over programmed and Division 12 in the Division Needs Tier, is $253.2 million dollars over programmed. Due to this over programming, not only will no new projects be funded, some projects are going have to come off of the committed list. The work group is currently working to determine what will be considered a delivery project in the next STIP. The workgroup has made a recommendation to the NCDOT Board of Transportation that any projects let in FY 26 or before and/or with Federal grants or anything with ROW acquisition underway should remain committed. Any projects not meeting these criteria will lose committed status. Additionally, even some of the projects remaining committed may have to be reevaluated for costs. Mrs. Gates is working on getting a list of projects that will be affected in the MPO area. As more information becomes available Mrs. Gates will keep everyone informed.

   Mr. Lail noted that the Board will consider the recommendation of the workgroup which would mean splitting the STIP into Delivery Projects and Development Projects. In each of the buckets, once a line is drawn at 2026 there would still be a small amount of money left to apply to other projects though there is no clear plan for how that money would be allocated. Additionally, the infrastructure bill, which passed recently, is expected to provide about 1.5 billion dollars in additional funds. Not all of that money would go toward highway projects, but a large portion could.

   Lastly, Mr. Lail, along with NCDOT and Representative Torbett, was able to present to the family of Tyler Herndon a resolution passed in April which names a portion of NC 273 from south of I-85 to Morning Side Dr. the Tyler Herndon Highway.

b. **NCDOT Update – Board Member, Division 12 Staff and TPD MPO Coordinator –** There was an attachment included in the agenda with updates on active projects in the MPO area.

   Mr. Stafford also stated that the Roseboro Bridge (#329) is now open to traffic and NCDOT is hopeful that the Lavender Road Bridge will also be open to traffic by the beginning of 2022.

c. **Transit Systems Ridership –** For information only.

**13. Adjournment**

There being no further business Mrs. Stepp motioned to adjourn the meeting. Mrs. Davis seconded and the meeting was adjourned at 7:07 pm.

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# CONSENT AGENDA

## Agenda Item #7

**To:** Board Members and Interested Persons
**From:** Randi Gates, AICP, Principal Transportation Planner
**Date:** January 27, 2022
**Subject:** 2020-2029 Transportation Improvement Program (TIP) – Administrative Modifications

**BACKGROUND:** The Transportation Improvement Program (TIP) identifies the transportation projects that GCLMPO and NCDOT plan to undertake over the next ten years. All projects receiving federal funding must be in the GCLMPO's TIP and the NCDOT's State Transportation Improvement Program (STIP). Federal regulations also require that project schedules and funding amounts be consistent between the TIP and the STIP.

Administrative Modifications do not require documentation of public review or comment, re-demonstration of fiscal constraint, or a transportation conformity determination.

The GCLMPO's 2020-2029 TIP needs to be amended to reflect schedule changes for various projects across the MPO planning area.

**TCC ACTION:** Recommended approval as presented.

**BOARD ACTION REQUESTED**: Approve the 2020-2029 TIP Administrative Modifications as presented.

**ATTACHMENT:**

1. GCLMPO 2020-2029 TIP Administrative Modifications

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| TIP Modification | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **TIP/STIP No.** | **Project Name** | **County** | **Category** | **Amendment Description** | **Funding Type** | **Phase** | **FY** | **Funding Amt** |
| B-5961 | SR 1421 (Marys Grove Road) | Gaston | Bridge | Accelerate construction from FY 23 to FY 22 at | BGOFF | ROW | 2021 | $67,000 |
| | Replace bridge 350097 over UT of Muddy | | Replacement | the request of the division. | BGOFF | Construction | 2022 | $469,000 |
| | Fork Creek. | | | | BGOFF | Construction | 2023 | $206,000 |

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## REGULAR AGENDA

## Agenda Item #8

**To:** Board Members and Interested Persons
**From:** Randi Gates, AICP, Principal Transportation Planner
**Date:** January 27, 2022
**Subject:** Draft 2050 MTP & Revised 2020-2029 TIP Public Comment Period

**BACKGROUND:** The MPO is required to update its long-range transportation plan, known as the Metropolitan Transportation Plan (MTP), by March 2022. This MTP will replace the existing plan, which was adopted in March 2018.

The 2050 MTP defines the transportation network that will serve both present and projected volumes of vehicular traffic, public transportation use, bicycle, pedestrian, aviation and freight travel in and around the urban area through the year 2050. The MTP is based on the most accurate and complete information available including, but not limited to, population, economic development growth and land development patterns in and around the urban area. The MTP is fiscally constrained, meaning the MTP includes sufficient financial information to demonstrate that projects in the plan can be implemented using committed, available, or reasonably available revenue sources (federal, state, and local).

Due to the Metrolina Region's status as marginal non-attainment for ozone, the Clean Air Act requires the GCLMPO to demonstrate that the fiscally-constrained MTP and the Transportation Improvement Program (TIP) conform to the State Air Quality Implementation Plan, and not cause new air quality violations, worsen existing violations, or delay timely attainment of the National Ambient Air Quality Standards (NAAQS).

Prior activities have included:

1. The overall 2050 MTP update process and schedule was approved by the MPO Board in September 2020.
2. Draft Project Lists (un-prioritized) were presented to the TCC and MPO Board in January 2021.
3. The 2050 MTP Project Ranking Methodology was approved January 28, 2021.
4. The TCC and MPO Board reviewed the draft goals and objectives in early 2021, and a public comment period was held from January 29 – February 28, 2021.
5. 2050 MTP Goals and Objectives were adopted in March 2021.
6. Financial assumptions were adopted in May 2021.
7. The Prioritized Project Lists were approved in May 2021.
8. The TCC and MPO Board reviewed the draft 2050 MTP Fiscally-Constrained Project Lists in July 2021, and a public comment period was held from August 2 – 31, 2021.

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9. Centralina Regional Council was hired in August 2021 to assist GCLMPO staff in the plan's design.
10. The MPO Board approved responses to the public comments received on the Fiscally-Constrained Project Lists on September 23, 2021.
11. MTP chapter content was developed and mapping completed.

In addition, there are 10 TIP amendments that were approved by the NCDOT Board of Transportation in October 2020 that require a conformity determination. This is being handled concurrently with the conformity determination for the 2050 MTP and will also require amendments to the 2045 MTP.

As required by the GCLMPO's Public Participation Process, the draft 2050 MTP report, draft air quality determination report, and 2020-2029 TIP amendments will be released for a 30-day public comment period in February. In addition, there will be at least three public workshop opportunities for the general public to review and comment on the documents. GCLMPO staff is working to schedule these workshops.

Upcoming activities include:
1. 30-day public comment period – February 2022
2. Final plan adoption – March 2022

**TCC ACTION:** Recommended approval as presented.

**BOARD ACTION REQUESTED:** Approve the draft 2050 MTP report, draft air quality conformity determination report, and 2020-2029 TIP/2045 MTP amendments to be released for a 30-day public comment period.

**ATTACHMENTS:**
1. 2050 MTP Infographic
2. 2020-2029 TIP / 2045 MTP Amendments

GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION

# 2050 METROPOLITAN TRANSPORTATION PLAN

## WHAT IS THE MTP?

The 2050 Metropolitan Transportation Plan (MTP) for the GCLMPO is the locally adopted, fiscally constrained, long-range transportation plan for Gaston, Cleveland, and Lincoln counties. The 2050 MTP defines the transportation network that will serve both present and projected volumes of vehicular traffic, public transportation use, bicycle, pedestrian, aviation and freight travel in and around the urban area through the year 2050.

## HOW IS THE MTP DEVELOPED?

The 2050 MTP has been developed to support state, regional, and local transportation priorities and is informed by local input and an approved project ranking methodology in order to plan out investments in the transportation system over the next 30 years. The development of the MTP consisted of the following steps:

### 1 IDENTIFY GOALS & OBJECTIVES

Goals describe characteristics of the desired future system and objectives identify steps needed to achieve the goals.

### 2 COLLECT DATA

Demographics, travel patterns, land use, the existing system, safety, and natural and cultural resources all inform the MTP.

### 3 DEVELOP REGIONAL MODELS

The Metrolina Regional Model uses socioeconomic data, estimates, and projections to predict future travel demand.

### 4 IDENTIFY & PROJECT FUNDING SOURCES

The MTP must demonstrate that all funded projects are financially feasible based on anticipated future revenues.

### 5 IDENTIFY & PRIORITIZE PROJECTS

Projects from the 2045 MTP and newly submitted projects were scored and ranked based on state, regional, and local criteria.

### 6 EVALUATE TRANSPORTATION SYSTEM

MTP projects are also evaluated based on how well they satisfy planning goals and federal performance measures.

### 7 ENVIRONMENTAL JUSTICE ANALYSIS

GCLMPO programs are administered so as to identify and avoid disproportionately adverse effects on vulnerable populations.

### 8 AIR QUALITY CONFORMITY ANALYSIS

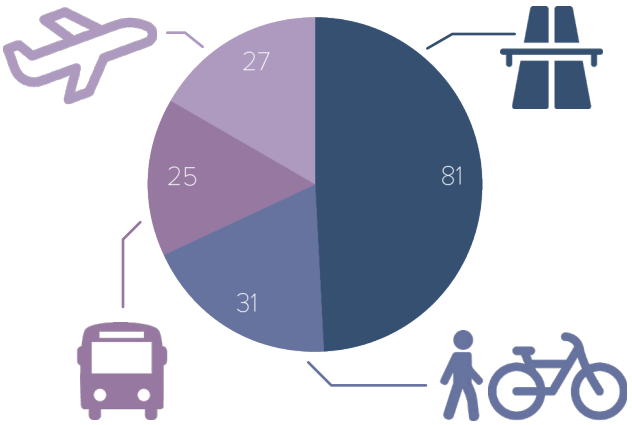
GCLMPO planning activities must conform with air quality standards set forth by the state of North Carolina and the EPA.

### 9 CREATE THE PLAN DOCUMENT

The MTP document results from the steps above. The MPO Board must adopt a new 30-year plan document every 4 years.

## WHAT PROJECTS ARE IN THE MTP?

The 2050 MTP includes a total of 164 projects that cover streets and highways, bicycle and pedestrian infrastructure, public transportation, and aviation needs within the GCLMPO planning area.

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# 2020-2029 TIP Amendments
# 2045 MTP Amendments

| TIP ID | TIP Project | Project Description | Reason for Amendment | County | STI Tier | Regionally Significant | Exempt | Project Length (mi) | Programmed ROW Date | Amended ROW Date | Programmed Construction Date | Amended Construction Date | Programmed Amount (2020-2029) | Current MTP Horizon Year | Recommended MTP Horizon Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TIP and MTP Amendments** | | | | | | | | | | | | | | | |
| **B-6051** | **US 74 Catawba River Bridge Replacement** | Widen existing four-lane bridge and cross section to six-lanes. Widen road on both sides of bridge to six-lanes. | To assist in balancing funds, delay right-of-way from FY 21 to FY 22 and construction from FY 22 to FY 23.<br>*Update (Jan 2021) - Delete. Work to be accomplished under Project BR-0020.* | Gaston | Regional | Yes | No | 0.4 | 2021 | 2022 | 2022 | 2023 | $44,900,000 | 2025 | 2025 |
| **U-2523B** | **NC 279 (Lower Dallas Highway) Widening** | Widen to multi-lanes. | To assist in balancing funds, delay right-of-way from FY 20 to FY 26 and construction from FY 22 to FY 28. Project to utilize Build NC Bonds.<br>**The MTP needs to be amended to move this project from HY 2025 to HY 2035.** | Gaston | Regional | Yes | No | 1.9 | 2020-2021 | 2026-2027 | 2022-2024 | 2028-2030 | $27,450,000 | 2025 | 2035 |
| **U-5821** | **NC 279 (S New Hope Rd) Widening** | Widen existing facility to four-lane divided. | To assist in balancing funds, delay right-of-way from FY 21 to FY 23 and construction from FY 24 to FY 26. Project to utilize BUILD NC Bonds.<br>*Oct Update: Cost increase exceeding $2M and 25% thresholds.*<br>**The MTP needs to be amended to move this project from HY 2025 to HY 2035.** | Gaston | Division | Yes | No | 3.8 | 2021-2023 | 2023-2025 | 2024-2027 | 2026-2029 | $111,565,000 | 2025 | 2035 |
| **U-5961** | **NC 279 (Union Rd) Widening** | Upgrade roadway to 5 lanes. | To assist in balancing funds, delay right-of-way from FY 22 to FY 23. Construction remains in FY 25, but the MPO does not feel this project will be complete by December 31, 2025.<br>*Oct Update: Cost increase exceeding $2M and 25% thresholds.*<br>**The MTP needs to be amended to move this project from HY 2025 to HY 2035.** | Gaston | Regional | Yes | No | 1.0 | 2022-2023 | 2023-2024 | 2025 | 2025-2028 | $27,100,000 | 2025 | 2035 |
| **U-6043** | **US 29/74 (Franklin Blvd) Widening** | Widen from five lanes to six lanes. | To assist in balancing funds, delay right-of-way from FY 21 to FY 22 and construction from FY 23 to FY 24.<br>**The MTP needs to be amended to move this project from HY 2025 to HY 2035.** | Gaston | Division | Yes | No | 1.1 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | $10,500,000 | 2025 | 2035 |
| **U-6134** | **NC 16 BUS/Optimist Club Rd Interchange Improvements** | Add grade separated interchange. | To assist in balancing funds, delay right-of-way from FY 22 to FY 23 and construction from FY 23 to FY 24.<br>**The MTP needs to be amended to move this project from HY 2025 to HY 2035.** | Lincoln | Regional | No | No | 0.5 | 2022 | 2023 | 2023-2025 | 2024-2026 | $25,976,000 | 2025 | 2035 |
| **U-6144** | **NC 16 Widening (Fairfield Forest Rd to Webbs Rd)** | NC 16, SR 1389 (Fairfield Forest Rd) to SR 1379 (Webbs Rd). Widen to multi-lanes. | Cost increase exceeding $2M and 25% thresholds.<br>**The MTP needs to be amended to update TIP #.** | Lincoln | Regional | Yes | No | 1.5 | 2029 | | Post Year | | | 2035 | 2035 |
| **Formal TIP Amendment - No MTP Amendment Required** | | | | | | | | | | | | | | | |
| **I-5719** | **I-85 Widening** | I-85, US 321 to NC 273. Widen to eight lanes. | Modify scope to include work previously funded under U-3608. Cost increase exceeding $2M and 25% thresholds. | Gaston | Statewide | Yes | No | 9.8 | 2024-2026 | | 2024-2028 | | $836,600,000 | 2035 | 2035 |
| **R-5721A** | **NC 73 Widening** | Widen to multi-lanes. | Project to no longer utilize Build NC Bonds. To assist in balancing funds, delay right-of-way from FY 21 to FY 24 and construction from FY 23 to FY 27. | Lincoln | Regional | Yes | No | 2.7 | 2021 | 2024 | 2023 | 2027 | $122,900,000 | 2035 | 2035 |
| **U-6146** | **US 29/74 Widening and Bridge Replacement** | Widen existing four-lane bridge and cross section to six-lanes. Widen road on both sides of bridge to six-lanes. | To assist in balancing funds, right-of-way has been delayed from FY 21 to FY 22 and construction has been delayed from FY 22 to FY 24.<br>*Oct Update: Cost increase exceeding $2M and 25% thresholds.* | Gaston | Regional | Yes | No | 1.2 | 2021 | 2022-2023 | 2022 | 2024 | $44,596,000 | 2025 | 2025 |

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GASTON-CLEVELAND-LINCOLN MPO
Metropolitan Planning Organization

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# Agenda Item #9

**To:** Board Members and Interested Persons
**From:** Randi Gates, AICP, Principal Transportation Planner
**Date:** January 27, 2022
**Subject:** Performance-Based Planning: 2022 Safety Targets

**BACKGROUND:**

- FHWA published the Safety Performance Management Measures Final Rule on March 15, 2016 which required State DOTs and MPOs to establish performance measure targets for safety.
- Safety Targets are required to be set annually and GCLMPO has supported the State's targets every year.
- NCDOT established its Safety Targets for 2022 on August 31, 2021, thus the GCLMPO's targets are due no later than **February 27, 2022**.
- The attached memorandum, *Safety Performance Measures – FHWA Assessment and 2022 Targets*, from NCDOT's State Traffic Safety Engineer, provides information on North Carolina's progress toward meetings its safety targets, along with NCDOT's 2022 targets.
- GCLMPO staff recommendation is to adopt targets consistent with those established by the NCDOT for all five (5) safety measures.

NCDOT's 2022 safety targets are as follows:

1. **Reduce total fatalities** by 12.17 percent from 1,428.8 (2016-2020 average) to 1,254.9 (2018-2022 average) by December 31, 2022.
2. **Reduce the fatality rate** by 13.78 percent from 1.226 (2016-2020 average) to 1.057 (2018-2022 average) by December 31, 2022.
3. **Reduce total serious injuries** by 19.79 percent from 4,410.2 (2016-2020 average) to 3,537.6 (2018-2022 average) by December 31, 2022.
4. **Reduce the serious injury rate** by 21.68 percent from 3.782 (2016-2020 average) to 2.962 (2018-2022 average) by December 31, 2022.
5. **Reduce the total non-motorized fatalities and serious injuries** by 17.93 percent from 592.2 (2016-2020 average) to 486.0 (2018-2022 average) by December 31, 2022.

**TCC ACTION:** Recommended approval as presented.

**BOARD ACTION REQUESTED**: Approve the 2022 Safety Targets as presented.

**ATTACHMENT:** Safety Performance Measures – FHWA Assessment and 2022 Targets Memo

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STATE OF NORTH CAROLINA
# DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

DATE: October 12, 2021

TO: Randi P. Gates, AICP
Administrator, Gaston – Cleveland - Lincoln Metropolitan Planning Organization

FROM: Brian Mayhew, PE, CPM
State Traffic Safety Engineer
Transportation Mobility & Safety Division

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SUBJECT: Safety Performance Measures – FHWA Assessment and 2022 Targets

**Background**

Effective April 14, 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

These targets are established annually, are based on 5 year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our Strategic Highway Safety Plan (SHSP) (https://spatial.vhb.com/ncdotshsp/) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

**North Carolina Safety Performance Target Achievement Determination**

In early 2021, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2019 safety targets, based on the 5-year averages for 2015-2019 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety

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performance targets established under 23 CFR 490.209(a) have been met or the actual outcome is better than the baseline performance. **Based on FHWA's review, North Carolina has not met or made significant progress toward achieving its safety performance targets.** As a result, NCDOT must ensure that all HSIP safety funds are obligated, and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level. Note that these CY 2019 targets were based off the goal outlined in the 2014 SHSP to reduce fatalities and serious injuries by half by 2030.

*Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2019*

| Performance Measures | 5-year Rolling Averages | | | Target Achieved? | (Actual) Better than Baseline? | Met or Made Significant Progress? |
|---|---|---|---|---|---|---|
| | Target | Actual | Baseline | | | |
| | 2015 - 2019 | 2015 - 2019 | 2013 - 2017 | | | |
| **Fatalities (5 Year Average)** | 1,214.7 | 1,410.0 | 1,363.0 | No | No | No |
| **Fatality Rate (5 Year Average)** | 1.097 | 1.192 | 1.214 | No | Yes | |
| **Serious Injuries (5 Year Average)** | 2,490.6 | 4,078.4 | 2,860.8 | No | No | |
| **Serious Injury Rate (5 Year Average)** | 2.228 | 3.422 | 2.522 | No | No | |
| **Non-motorized Fatalities and Serious Injuries (5 Year Average)** | 403.7 | 515.6 | 436.2 | No | No | |

Table 2 below shows what this determination would look like if the state's methodology for establishing the CY 2019 goal (reducing fatalities and serious injuries by half by 2030) was applied to crash data specific to Gaston – Cleveland - Lincoln MPO.

*Table 2: Gaston – Cleveland - Lincoln MPO Safety Performance Target Achievement Determination Summary for CY 2019*

| Performance Measures | 5-year Rolling Averages | | | Target Achieved? | (Actual) Better than Baseline? | Met or Made Significant Progress? |
|---|---|---|---|---|---|---|
| | Target | Actual | Baseline | | | |
| | 2015 - 2019 | 2015 - 2019 | 2013 - 2017 | | | |
| **Fatalities (5 Year Average)** | 51.3 | 65.8 | 60.2 | No | No | No |
| **Fatality Rate (5 Year Average)** | 1.256 | 1.516 | 1.454 | No | No | |
| **Serious Injuries (5 Year Average)** | 98.3 | 144.8 | 113.0 | No | No | |
| **Serious Injury Rate (5 Year Average)** | 2.396 | 3.312 | 2.712 | No | No | |
| **Non-motorized Fatalities and Serious Injuries (5 Year Average)** | 15.2 | 19.2 | 17.6 | No | No | |

**2022 State Safety Performance Targets**

2022 state safety performance targets were submitted to FHWA on August 31st, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at the following link:

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20(Final%20HSIP%20CY%202022%20Targets).pdf

*Table 3: North Carolina Calendar Year 2022 Safety Performance Targets*

| Performance Measure | CY 2022 |
|---|---|
| Number of Fatalities | 1,254.9 |
| Rate of Fatalities | 1.057 |
| Number of Serious Injuries | 3,537.6 |
| Rate of Serious Injuries | 2.962 |
| Number of Non-Motorized Fatalities & Serious Injuries | 486.0 |

**2022 Gaston – Cleveland - Lincoln MPO Safety Performance Targets**

Table 4 below provides crash data specific to your MPO and shows what the safety performance targets would look like if you applied the state's methodology (reducing fatalities and serious injuries by half by 2035). More detailed information specific to your MPO can be found at the following link:

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC_PerformanceMeasuresData_2022Targets_GastonClevelandLincolnMPO.pdf

*Table 4: Gaston – Cleveland - Lincoln MPO Specific Safety Performance Targets*

| Year | Fatalities (5 Year Average) | Fatality Rate (5 Year Average) | Serious Injuries (5 Year Average) | Serious Injury Rate (5 Year Average) | Non-motorized Fatalities and Serious Injuries (5 Year Average) |
|---|---|---|---|---|---|
| 2008 - 2012 | 43.0 | 1.144 | 103.0 | 2.742 | 14.4 |
| 2009 - 2013 | 40.8 | 1.081 | 92.4 | 2.451 | 13.8 |
| 2010 - 2014 | 42.6 | 1.110 | 89.8 | 2.351 | 14.8 |
| 2011 - 2015 | 51.4 | 1.301 | 95.6 | 2.437 | 16.0 |
| 2012 - 2016 | 59.8 | 1.472 | 102.8 | 2.545 | 18.0 |
| 2013 - 2017 | 60.2 | 1.454 | 113.0 | 2.712 | 17.6 |
| 2014 - 2018 | 66.4 | 1.558 | 130.6 | 3.042 | 17.8 |
| 2015 - 2019 | 65.8 | 1.516 | 144.8 | 3.312 | 19.2 |
| 2016 - 2020 | 62.0 | 1.442 | 155.2 | 3.611 | 19.2 |
| | | | | | |
| 2022 Target | 59.2 | 1.356 | 130.5 | 2.969 | 16.7 |

**Next Steps**

MPOs are not directly assessed by FHWA on their progress towards meeting safety performance targets. However, coordination and deliberate action will be needed to achieve the goals outlined in the NC Strategic Highway Safety Plan and as communicated through the safety performance targets. We encourage additional coordination between MPO's and NCDOT Traffic Safety Unit in all areas of safety, but specifically in data sharing, safety tools development, safety need identification and shared safety project implementation. The Traffic Safety Unit is available to meet with your MPO for additional discussion and partnership.

FHWA guidance allows each MPO to establish safety performance targets by either agreeing to plan and program projects so that they contribute toward the accomplishments of the State DOT performance targets or committing to quantifiable HSIP targets for their specific MPO area. If an MPO establishes its own targets, it will need to do so in coordination with the State per FHWA guidelines. The Traffic Safety Unit is available to facilitate this coordination. As a reminder, MPOs must establish safety performance targets no later than February 27 of each year per FHWA guidance. Please transmit a signed adoption resolution indicating the establishment of safety targets for your MPO or supporting the state's targets to Daryl Vreeland (dvreeland@ncdot.gov) in the Transportation Planning Unit just as you have in previous years. Daryl can also provide a template of the adoption resolution if helpful. An adoption resolution template can be found at the link below:

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/MPO%20Safety%20Target%20Adoption%20Template%20-%202022CY_FromTransportationPlanningDivision.docx

Finally, a new website (link below) has been established to communicate safety information of specific interest to planning organizations. It is expected that the content on this website will expand over time.

https://www.ncdot.gov/initiatives-policies/safety/traffic-safety/Pages/Planning-Organization-Resources.aspx

Please contact me directly at (919) 814-5011 or bmayhew@ncdot.gov for further questions or discussion.

BKM\bgm

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# Agenda Item #10

**To:** Board Members and Interested Persons
**From:** Randi P. Gates, AICP, Principal Transportation Planner
**Date:** January 27, 2022
**Subject:** DRAFT FY 2022-2023 Unified Planning Work Program (UPWP)

**BACKGROUND:** The proposed FY 2022-2023 GCLMPO UPWP outlines MPO work to be completed by task code category. It also includes the dollar amount budgeted for each task code for the year and the funding source for these tasks by agency.

The total proposed UPWP budget is $598,509.00 and is comprised of $383,750.00 in Transportation Planning (PL) grant funds, $93,750.00 in State Planning and Research (SPR) funds, and $121,009.00 in Transit Planning (Section 5303) grant funds. The MPO member governments will be responsible for providing 20% local match for PL funds and SPR funds, and 10% local match for 5303 transit planning grant funds, with an additional 10% match coming from the state. The invoices for local match will continue to be sent out quarterly. Cost share allocation tables are attached.

**ACTION REQUESTED**: For information only at this time.

**ATTACHMENTS:**

1. DRAFT FY 22-23 UPWP Narrative, Resolutions, and Tables

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# GASTON-CLEVELAND-LINCOLN
# METROPOLITAN PLANNING ORGANIZATION
# UNIFIED PLANNING WORK PROGRAM
# FISCAL YEAR 2022-2023

DRAFT

Anticipated Adoption: March 24, 2022

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 2022-2023**
**GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION**

**JULY 1, 2022 -JUNE 30, 2023**

**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 Division, and the 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 2022-2023 by task code category. Also included is the dollar amount budgeted for the year. The recommendations are as follows:

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## 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: $67,813**

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### 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 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: $12,000**

### 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 participate in the Metrolina Region's Household Travel Survey to attain information such as origins and destinations, travel behavior, transit ridership, workplace commuting, etc.

**Total Funding: $43,750**

### 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 Division, Charlotte Department of Transportation and the Charlotte Regional Alliance for Transportation (CRAFT) to update 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.

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**Total Funding: $34,688**

**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, as needed. 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 Regional Council 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.

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: $22,500**

**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**

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

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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 coordination aviation projects and work with unit member local governments along river corridors to research and implement blueways.

**Total Funding: $50,000**

### 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 and TACC Transportation Advisory Board meetings.

Gaston-Cleveland-Lincoln MPO staff will continue to work with CRAFT, CATS, and the Centralina Regional Council on the implementation of the CONNECT Beyond: Regional Mobility Plan. CONNECT Beyond is a regional transit plan that includes innovative transportation solutions to enhance mobility and access throughout its twelve-county planning area. The plan was completed in the fall of 2021, and the focus has shifted from planning to implementation. 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 processes and other relevant plans and programs.

**Total Funding: $109,009**

### II-B-3 Special Studies

*Downtown Stanley Transportation Study – This study began in FY22 using FY22 funds and is continuing into FY23. A consultant will be used to conduct a study to evaluate transportation improvements that will address downtown pedestrian and vehicular safety, including freight movement and routing. The study will address improving downtown parking utilization, wayfinding, and parking signage, safety, and access. The study will also address possible road diets to the major roads leading into downtown Stanley. The completed study will include a report and presentation to the Town of Stanley Town Council and the CGLMPO.*
*Carryover Amount: $75,000*

*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*

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*connecting Gaston and Mecklenburg Counties. The effort is being managed by the GCLMPO. Carryover Amount: $60,000*

**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: $3,125**

**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: $20,000**

**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: $6,250**

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**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: $18,750**

**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: $8,125**

**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**

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**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.

Staff will also work with CRAFT, Centralina, and CATS on the implementation of the CONNECT Beyond: Regional Mobility Plan. CONNECT Beyond is a regional transit plan that includes innovative transportation solutions to enhance mobility and access throughout its twelve-county planning area. The plan was completed in the fall of 2021, and the focus has shifted from planning to implementation and the role of the region's transportation planning organizations has become more significant. 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.

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GCLMPO staff will continue to serve as the local Project Manager for the Catawba Crossings Feasibility Study, which will be completed in FY 23.

**Total Funding: $75,000**

**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**

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**FISCAL YEAR 2022-2023 UNIFIED PLANNING WORK PROGRAM (UPWP)**
**FOR THE GASTON-CLEVELAND-LINCOLN**
**METROPOLITAN PLANNING ORGANIZATION**

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

**WHEREAS**, members of the Metropolitan Planning Organization Board (MPO Board) agree that the Planning Work Program will effectively advance the transportation planning process for FY 2022-2023;

**NOW, THEREFORE BE IT RESOLVED**

1. That the MPO Board of the Gaston-Cleveland-Lincoln Metropolitan Planning Organization (MPO) hereby endorses and approves the Unified Planning Work Program for FY 2022-2023.
2. The total UPWP budget amount is $598,509.00.
3. The Transportation Planning Grant – Section 104(d) amount is $307,000.00.
4. State Planning and Research (SPR) Funds is $75,000.00.
5. The Transit Planning Grant – Section 5303 amount is $96,807.00.
6. The State Match to the Transit Planning Grant - Section 5303 is $12,101.00.
7. The Local Government Share Match is $107,601.00.
8. A three (3) member Executive Committee with one (1) municipal or county representative from each GCLMPO member county is hereby authorized to make changes in this program that do not materially affect the scope of this Unified Planning Work Program (UPWP) and is further authorized to make budget changes to this UPWP not to exceed 10 percent (10%) of the total budget approved by the state of North Carolina Department of Transportation (DOT) without prior consultation with the Board.
9. The Principal Transportation Planner/MPO Administrator is authorized to furnish such additional information to the United States DOT and the North Carolina DOT that they may require in connection with the application and implementation for the Program.

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

I, **Scott Neisler**, Chairperson of the MPO Board for the Gaston-Cleveland-Lincoln MPO Area, do hereby certify the UPWP budget for fiscal year 2022-2023 for the Gaston-Cleveland-Lincoln MPO, duly held on the 24th day of March, 2022.

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

**ATTESTED:**

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

North Carolina
Gaston County

I, Kristen N. Wheeler, a Notary Public for said County and State, do hereby certify that **Scott Neisler** personally appeared before me on this the _____ day of _____, 2022, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal.

_____
Kristen N. Wheeler
Notary Public

My Commission expires May 10, 2023.

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**RESOLUTION CERTIFYING THE GASTON-CLEVELAND-LINCOLN METROPOLITAN PLANNING ORGANIZATION TRANSPORTATION PLANNING PROCESS FOR FY 2022-2023**

WHEREAS, the Board has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607;

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

WHEREAS, the Board has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

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

WHEREAS, the Board has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations;

WHEREAS, the Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Improvement Program is a subset of the currently conforming Gaston-Cleveland-Lincoln MPO 2050 Metropolitan Transportation Plan; **(nonattainment and maintenance areas only)**

WHEREAS, the Metropolitan Transportation Plan has a planning horizon year of 2050, and meets all the requirements for an adequate Transportation Plan,

NOW THEREFORE, be it resolved that the Gaston-Cleveland-Lincoln MPO Board certifies the transportation planning process for the Gaston-Cleveland-Lincoln Metropolitan Planning Organization on this the 24th day of March, 2022.

_____

Scott Neisler, MPO Board Chairman
Gaston-Cleveland-Lincoln MPO

ATTESTED:

_____

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

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

North Carolina
Gaston County

I, Kristen N. Wheeler, a Notary Public for said County and State, do hereby certify that **Scott Neisler** personally appeared before me on this the ____ day of _____, 2022, and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2022.

_____
Kristen N. Wheeler
Notary Public

My Commission expires May 10, 2023.

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# Table 1

**Gaston Cleveland Lincoln Unified Planning Work Program**
**Fiscal Year 2022-2023 Expenditures**
**(July 1, 2022 through June 30, 2023)**

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| Task Code | Description | Fund Allocation | | | Total |
|---|---|---|---|---|---|
| | | Federal | State | LPA | |
| **II-A** | **Data and Planning Support** | | | | |
| II-A-1 | Networks and Support Systems | $54,250 | $0 | $13,563 | $67,813 |
| II-A-1a | Transit System Data | $9,600 | $1,200 | $1,200 | $12,000 |
| II-A-2 | Travelers and Behavior | $35,000 | $0 | $8,750 | $43,750 |
| II-A-3 | Transportation Modeling | $27,750 | $0 | $6,938 | $34,688 |
| | Sub-total | $126,600 | $1,200 | $30,450 | **$158,250** |
| **II-B** | **Planning Process** | | | | |
| II-B-1 | Targeted Planning | $18,000 | $0 | $4,500 | $22,500 |
| II-B-2 | Regional Planning | $40,000 | $0 | $10,000 | $50,000 |
| II-B-2a | Transit Element of the CTP/MTP | $87,207 | $10,901 | $10,901 | $109,009 |
| II-B-3 | Special Studies | $0 | $0 | $0 | $0 |
| | Sub-total | $145,207 | $10,901 | $25,401 | **$181,509** |
| **III-A** | **Planning Work Program** | | | | |
| III-A-1 | Planning Work Program | $2,500 | $0 | $625 | $3,125 |
| III-A-2 | Metrics and Performance Measures | $3,000 | $0 | $750 | $3,750 |
| | Sub-Total | $5,500 | $0 | $1,375 | **$6,875** |
| **III-B** | **Transportation Improvement Program** | | | | |
| III-B-1 | Prioritization | $16,000 | $0 | $4,000 | $20,000 |
| III-B-2 | Metropolitan TIP | $5,000 | $0 | $1,250 | $6,250 |
| III-B-3 | Merger/Project Development | $15,000 | $0 | $3,750 | $18,750 |
| | Sub-Total | $36,000 | $0 | $9,000 | **$45,000** |
| **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 | $6,500 | $0 | $1,625 | $8,125 |
| 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 | $30,500 | $0 | $7,625 | **$38,125** |
| **III-D** | **Statewide and Extra-Regional Planning** | | | | |
| III-D | Regional and Statewide Planning | $60,000 | $0 | $15,000 | $75,000 |
| | Sub-Total | $60,000 | $0 | $15,000 | **$75,000** |
| **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** | | **$478,807** | **$12,101** | **$107,601** | **$598,509** |
| | **FY 20-funded Special Studies continuing in FY 22 (FY20 funds)** | | | | |
| | Catawba Crossings Feasibility Study | $43,230 | $8,106 | $8,664 | $60,000 |
| | **FY 22-funded Special Studies continuing in FY 23 (FY22 funds)** | | | | |
| | Downtown Stanley Transportation Study | $60,000 | | $15,000 | $75,000 |
| | **Totals - Previously funded Special Studies that will be completed in FY23** | $103,230 | $8,106 | $23,664 | $135,000 |

| 2022-2023 Federal PL, SPR & 5303 Funds | |
|---|---|
| | **Funding Amount** |
| FY 23-23 MPO (104(d) Federal | $307,000 |
| Shared PL (104(d)) Local Match | $76,750 |
| Total GCLMPO PL (104(d)) | $383,750 |
| SPR/RPO Allocation | $75,000 |
| SPR/RPO Allocation match | $18,750 |
| Total SPR Allocation | $93,750 |
| Total GCLMPO PL and SPR | $477,500 |
| 5303 Transit Funds | $96,807 |
| 5303 Transit Funds Match | $24,202 |
| Total 5303 Transit Fund Grant | $121,009 |
| **TOTAL UPWP (FY22 funds)** | $598,509 |

**Table 2**
**Agency Spending**
**Gaston Cleveland Lincoln MPO Unified Planning Work Program**
**Fiscal Year 2022-2023 Revenues**

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| | | | SPR | | | Sec. 104(d) PL | | | Sec. 5303 | | | | Sec. 5307 | | | Task Funding Totals | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FTA Code | Task Code | Description | 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 | | | | $54,250 | $13,563 | $67,813 | | | | | | | | $54,250 | | $13,563 | $67,813 |
| 44.24.00 | II-A-1a | Transit System Data | | | | | | | $9,600 | $1,200 | $1,200 | $12,000 | | | | $9,600 | $1,200 | $1,200 | $12,000 |
| 44.23.01 | II-A-2 | Travelers and Behavior | | | | $35,000 | $8,750 | $43,750 | | | | | | | | $35,000 | | $8,750 | $43,750 |
| 44.23.02 | II-A-3 | Transportation Modeling | | | | $27,750 | $6,938 | $34,688 | | | | | | | | $27,750 | | $6,938 | $34,688 |
| | **II-B** | **Planning Process** | | | | | | | | | | | | | | | | | |
| 44.23.02 | II-B-1 | Targeted Planning | | | | $18,000 | $4,500 | $22,500 | | | | | | | | $18,000 | | $4,500 | $22,500 |
| 44.23.01 | II-B-2 | Regional Planning | | | | $40,000 | $10,000 | $50,000 | | | | | | | | $40,000 | | $10,000 | $50,000 |
| 44.23.01 | II-B-2a | Transit Element of the CTP/MTP | | | | | | | $87,207 | $10,901 | $10,901 | $109,009 | | | | $87,207 | $10,901 | $10,901 | $109,009 |
| 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 | | | | $2,500 | $625 | $3,125 | | | | | | | | $2,500 | | $625 | $3,125 |
| 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 | | | | $16,000 | $4,000 | $20,000 | | | | | | | | $16,000 | | $4,000 | $20,000 |
| 44.25.00 | III-B-2 | Metropolitan TIP | | | | $5,000 | $1,250 | $6,250 | | | | | | | | $5,000 | | $1,250 | $6,250 |
| 44.25.00 | III-B-3 | Merger/Project Development | | | | $15,000 | $3,750 | $18,750 | | | | | | | | $15,000 | | $3,750 | $18,750 |
| | **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 | | | | $6,500 | $1,625 | $8,125 | | | | | | | | $6,500 | | $1,625 | $8,125 |
| 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 | | | | $60,000 | $15,000 | $75,000 | | | | | | | | $60,000 | | $15,000 | $75,000 |
| | **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** | **$307,000** | **$76,750** | **$383,750** | **$96,807** | **$12,101** | **$12,101** | **$121,009** | **$0** | **$0** | **$0** | **$478,807** | **$12,101** | **$107,601** | **$598,509** |

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# TABLE 3
## FY 2022-2023 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-2 | Metrolina Region Household Travel Survey | GCLMPO | Transportation Planning Services | $24,000 | $6,000 | $30,000 |
| II-A-3 | Travel Model Updates Metrolina Regional Model | GCLMPO | Transportation Planning Services | $21,600 | $5,400 | $27,000 |
| *II-B-3* | *Catawba Crossings Feasibility Study (FY20 Funds)* | *GCLMPO* | *Transportation Planning Services* | *$51,336* | *$8,664* | *$60,000* |
| *II-B-3* | *Downtown Stanley Transportation Study (FY22 Funds)* | *Town of Stanley* | *Transportation Planning Services* | *$60,000* | *$15,000* | *$75,000* |
| **TOTAL** | | | | **$156,936** | **$35,064** | **$192,000** |

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 2022-2023 Funding Sources Table and Task Narratives**
**DRAFT**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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** | • Traffic Volume Counts<br>• Vehicle Miles of Travel (VMT)<br>• Street System Changes<br>• Traffic Crashes<br>• Air Travel<br>• Bike/Ped Facilities Inventory<br>• Collection of Network Data<br>• Capacity Deficiency Analysis<br>• Mapping | Update GIS data for fixed routes, deviated fixed routes, service areas, and ridership for transit providers in the GCLMPO area. | • Dwelling Unit, Population and Employment Changes<br>• Collection of Base Year Data<br>• Travel Surveys<br>• Vehicle Occupancy Rates (Counts)<br>• Travel Time Studies | • Travel Model Update<br>• Forecast of Data to Horizon Year<br>• Forecast of Future Travel Patterns<br>• Financial Planning | • Air Quality Planning/Conformity Analysis<br>• Alternative Fuels/Vehicles<br>• Hazard Mitigation and Disaster Planning<br>• Congestion Management Strategies<br>• Freight Movement/Mobility Planning | • Community Goals and Objectives<br>• Highway Element of the CTP/MTP<br>• Bicycle and Pedestrian Element of the CTP/MTP<br>• Airport/Air Travel Element of the CTP/MTP<br>• 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 2050 Metropolitan Transportation Plan. 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. Updated Metrolina Region Household Travel Survey. 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. | Air quality conformity determination as needed. Successful CMAQ program. Modeling output for land development proposals. Reported freight traffic documented within the GCLMPO 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 implementation of the CONNECT Beyond: Regional Mobility Plan. | |
| 7 | **Expected Completion Date of Product(s)** | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 |
| 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 2050 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-IMD 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 | 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 & GCLMPO | GCLMPO Area Transit Agencies, Charlotte Area Transit (CATS) & GCLMPO | NCDOT, CDOT, Centralina & GCLMPO | NCDOT, CDOT, Centralina & GCLMPO | NCDOT & GCLMPO | GCLMPO | GCLMPO Area Transit Agencies, Charlotte Area Transit (CATS), Centralina & GCLMPO | |
| 12 | **SPR - Highway - NCDOT 20%** | | | | | | | | |
| 13 | **SPR - Highway - FHWA 80%** | | | | | | | | |
| 14 | **SPR Total** | | | | | | | | |
| 15 | **Section 104(D) PL Local 20%** | $13,563 | | $8,750 | $6,938 | $4,500 | $10,000 | | $0 |
| 16 | **Section 104(D) PL FHWA 80%** | $54,250 | | $35,000 | $27,750 | $18,000 | $40,000 | | $0 |
| 17 | **Section 104(D) Total** | $67,813 | | $43,750 | $34,688 | $22,500 | $50,000 | | $0 |
| 18 | **Section 5303 Local 10%** | | $1,200 | | | | | $10,901 | |
| 19 | **Section 5303 NCDOT 10%** | | $1,200 | | | | | $10,901 | |
| 20 | **Section 5303 FTA 80%** | | $9,600 | | | | | $87,207 | |
| 21 | **Section 5303 FTA Total** | | $12,000 | | | | | $109,009 | |

**Table #4**
**Gaston Cleveland Lincoln MPO**
**Sections 104(D), SPR and 5303**
**FY 2022-2023 Funding Sources Table and Task Narratives**
**DRAFT**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 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** | **44.21.00** | **44.24.00** | **44.25.00** | **44.25.00** | **44.25.00** | **44.27.00** | **44.27.00** | **44.27.00** |
| 3 | **Task Code** | **III-A-1** | **III-A-2** | **III-B-1** | **III-B-2** | **III-B-3** | **III-C-1** | **III-C-2** | **III-C-3** |
| 4 | **Title of Planning Task** | **Planning Work Program** | **Metrics and Performance Measures** | **Prioritization** | **Metropolitan TIP** | **Merger/Project Development** | **Title VI Compliance** | **Environmental Justice** | **Minority Business Enterprise Planning** |
| 5 | **Task Objective** | Prepare and implement an annual fiscal year PWP. | Update the PWP, MTP, ect.to address Performance Measure tracking and reporting. Work on establishing, developing, refinement, and updating of performance measures and targets. Update plans (CTP/MTP/TIP) as required to meet performance measure requirements. | Maintain a prioritized needs list for all modes. Update and improve the local prioritization process for SPOT. Gather data required for SPOT ranking. Evaluate transportation projects. Work directly with NCDOT on the current round of SPOT prioritization, making sure all deadlines are met. Host public meetings, etc. as required by the GCLMPO Public Participation Plan. Assign Local Input Points according to an adopted LIP Methodology | Review all aspects of the MTIP & STIP to recommend amendments when necessary. | Review design issues for TIP projects and provide comments to appropriate agencies. Participate in all scoping, project development, and merger meetings. | Conduct ongoing analysis of all MPO planning activities for compliance with Title VI of the Civil Rights Act of 1964; 49 CFR part 21. Update the Title VI plan and Limited English Proficiency Plan as needed. | Implement an aggressive environment justice awareness program and implement the GCLMPO Title VI Plan. | Encourage the participation of minority-owned business enterprises in contractual and supply opportunities on an ongoing basis. |
| 6 | **Tangible Product Expected** | An annual PWP that is comprehensive and beneficial to the Gaston Cleveland Lincoln MPO member jurisdictions and public. | Adopted Performance Measures and Targets. | • Prioritized Needs List for SPOT (all modes)<br>• Project Purpose and Need Forms<br>• Local Input Point Methodology<br>• Successful prioritization process | Funded TIP projects that demonstrate the greatest need. | Successful TIP projects. | Compliance with all Title VI requirements. | Title VI Plan that outlines Gaston Cleveland Lincoln MPO's Environmental Justice efforts and standards. | |
| 7 | **Expected Completion Date of Product(s)** | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 |
| 8 | **Status** | Annually | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | |
| 9 | **Prior FTA Funds** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | **Relationship To Other Activities** | 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. | Update plans (CTP/MTP/TIP) as required to meet performance measure requirements. | The prioritization process will be coordinated with both the CTP and MTP. | 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. | The public involvement process will be monitored for funded TIP projects. The MTIP will be amended as necessary due to any project schedule changes. | Under this task, all MPO planning activities will be reviewed for compliance with Title VI requirements. | 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** | GCLMPO | GCLMPO | GCLMPO | GCLMPO | GCLMPO & NCDOT | GCLMPO | GCLMPO | GCLMPO |
| 12 | **SPR - Highway - NCDOT 20%** | | | | | | | | |
| 13 | **SPR - Highway - FHWA 80%** | | | | | | | | |
| 14 | **SPR Total** | | | | | | | | |
| 15 | **Section 104(D) PL Local 20%** | $625 | $750 | $4,000 | $1,250 | $3,750 | $500 | $1,625 | $0 |
| 16 | **Section 104(D) PL FHWA 80%** | $2,500 | $3,000 | $16,000 | $5,000 | $15,000 | $2,000 | $6,500 | $0 |
| 17 | **Section 104(D) Total** | $3,125 | $3,750 | $20,000 | $6,250 | $18,750 | $2,500 | $8,125 | $0 |
| 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 2022-2023 Funding Sources Table and Task Narratives**
**DRAFT**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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** | | | Maximum public participation during public comment periods. Updated website, social media, and outreach materials. | Participation in various Chamber and local business events. | • Regional Coordination<br>• 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)** | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 | 6/30/2023 |
| 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 the 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** | GCLMPO | GCLMPO | GCLMPO | GCLMPO | GCLMPO, Regional MPO/RPO Partners, Centralina Regional Council & NCDOT | GCLMPO |
| 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 | $15,000 | |
| 16 | **Section 104(D) PL FHWA 80%** | $0 | $0 | $20,000 | $2,000 | $60,000 | |
| 17 | **Section 104(D) Total** | $0 | $0 | $25,000 | $2,500 | $75,000 | |
| 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 2022-2023**
**DRAFT**

| Member Jurisdiction | MPA Population (2010) | % of Total | Shared Local Match | Additional Local Match Special Projects | Total Local Match |
|---|---|---|---|---|---|
| Belmont | 10,076 | 2.63% | $2,835 | | $2,835 |
| Bessemer City | 5,340 | 1.40% | $1,502 | | $1,502 |
| Boiling Springs | 4,647 | 1.22% | $1,307 | | $1,307 |
| Cherryville | 5,760 | 1.51% | $1,621 | | $1,621 |
| Cleveland County | 63,866 | 16.70% | $17,969 | | $17,969 |
| Cramerton | 4,165 | 1.09% | $1,172 | | $1,172 |
| Dallas | 4,488 | 1.17% | $1,263 | | $1,263 |
| Gaston County | 79,290 | 20.73% | $22,309 | | $22,309 |
| Gastonia | 71,741 | 18.76% | $20,185 | | $20,185 |
| Kings Mountain | 10,296 | 2.69% | $2,897 | | $2,897 |
| Lincoln County | 67,779 | 17.72% | $19,070 | | $19,070 |
| Lincolnton | 10,486 | 2.74% | $2,950 | | $2,950 |
| Lowell | 3,526 | 0.92% | $992 | | $992 |
| Mount Holly | 13,656 | 3.57% | $3,842 | | $3,842 |
| Ranlo | 3,434 | 0.90% | $966 | | $966 |
| Shelby | 20,323 | 5.31% | $5,718 | | $5,718 |
| Stanley | 3,556 | 0.93% | $1,001 | | $1,001 |
| **Total** | **382,429** | **100.00%** | **$107,601** | **$0** | **$107,601** |

Source: U.S. Census Bureau, 2010 Census

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# Agenda Item #11

**To:** Board Members and Interested Persons
**From:** Randi Gates, AICP, Principal Transportation Planner
**Date:** January 27, 2022
**Subject:** MPO Board Meeting Meals – FY 2022-2023

**BACKGROUND:** Since FY 2018-2019, member jurisdictions have been invoiced for MPO Board Meeting meals. Food is not an eligible expense for the MPO's 104(d) or SPR grants, and therefore cannot be reimbursed. It is requested that the cost of meals continue to be divided equally among the member jurisdictions.

The meals typically cost $400 or less per meeting. There is estimated to be six (6) MPO Board meetings in FY 22-23 and there are 17 voting member jurisdictions. Rounding up, if every member jurisdiction agrees to pay up to a total of $145 each in FY 22-23, this will cover all MPO Board Meeting meals (if meetings are in person).

Actual costs per quarter will be equally divided among the voting member jurisdictions and will be invoiced quarterly along with the local match amounts for the grant. If meetings continue to be virtual, there will be no charges for meals.

**TCC ACTION:** Recommended approval as presented.

**BOARD ACTION REQUESTED**: Approve as presented.

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# December 2021 Progress Report for Division 12 Projects in GCLMPO

## Active Construction Projects

| Contract/ TIP # | County | Route | Project Description | Status | % Complete |
|---|---|---|---|---|---|
| R-2707C/ C203905 | Cleveland | Shelby Bypass | Construct 4 lane access controlled roadway on new location from East of NC 226 to East of NC 150, 4.8 miles. | Currently work on construction revisions to add noise walls, signs, etc. Paving revision added to contract. Working on adding new bridge on Airport Rd. | 76.2% |
| DL00177 | Cleveland | SR 1325 (Padgett Rd) and SR 1330 (Crawley Gin Rd) | Replacement of two bridges in Cleveland County. | Underway. | 61.8% |
| DL00208 | Cleveland | SR 2226 (Lavender Rd) | Bridge Replacement. | Underway. | 41.2% |
| DL00222 | Cleveland | SR 1627 (Pruitt Rd) | Replacement of Bridge # 309. | Underway. | 83.9% |
| DL00226 | Cleveland and Gaston | Secondary Roads Various | Resurfacing for 26.59 miles. | Underway. | 44.6% |
| DL00239 | Cleveland | SR 2212 (Roseborough Rd) | Bridge #329 Replacement. | Underway. | 83.8% |
| DL00240 | Cleveland | US 74 | Signal Installation at Roxboro Rd and Castlewood Dr. | Underway. | 10.5% |
| DL00241 | Cleveland | SR 1159 (Skinner Rd) at Beaver Dam Creek Tributary | Bridge #356 Replacement. | Underway. | 27.8% |
| U-3633/ C203831 | Gaston | NC 273 | Widen from 2 to 4 lanes with a raised median from 1.37 miles from Tuckaseege Rd at Beatty Dr to Highland St at A&E Dr. in Mount Holly. | Traffic is in final pattern. Waiting for new mast arm poles. | 99.0% |
| I-5000/ C203846 | Gaston | US 321 at I-85 | Geometric and Safety improvements to Interchange. | Traffic is in final pattern. Only supplemental work remaining. | 95.0% |
| W5212N/ C204262 | Gaston | NC 279 (Dallas Cherryville Hwy.) | Construct Safety Improvements including passing zones from South of St. Mark's Church Rd to North of NC 275 a distance of 7.97 miles. | Preparing to start final paving, still grading on last section. | 63.2% |
| C204306 | Gaston | Various | Resurfacing of 47.72 miles. Two sections of NC 279, one section of US 321, NC 27, NC 216, NC 273, NC 274, and 77 sections of secondary roads. | Underway. | 77.8% |

## Active Construction Projects

| | | | | | |
|---|---|---|---|---|---|
| DL00135 | Gaston | Bridge No 176 on SR 1836 Willis School Road | Bridge Replacement. | Underway. | 10.6% |
| DL00236 | Gaston | Various | Resurfacing 8.07 miles on NC 273, SR 2000, SR 2050, SR 1336 & SR 2526. | Underway. | 91.4% |
| DL00213 | Lincoln | Intersection of NC 16 and Optimist Club Rd | Turn lane extension and signalization. | Complete. | 100.0% |
| DL 00227 | Catawba and Lincoln | Various Secondary Roads | Asphalt resurfacing. | Underway. | 52.5% |
| DL 00204/ W-5601Q | Lincoln | NC 16 Bus at SR 1395 (North Pilot Knob Rd) and SR 1393 (Hagers Ferry Rd) | Signalize Intersection. | Underway. | 16.6% |

## Active Projects Under Development

| Contract/ TIP # | County | Route | Project Description | Status | % Complete |
|---|---|---|---|---|---|
| R-2707D | Cleveland | Shelby Bypass | Construct 4 lane access controlled roadway on new location from East of NC 150 to existing US 74 west of SR 2238 (Long Branch Rd), 4.1 miles. | ROW acquisition has resumed. The estimated completion date for acquiring ROW is April 2023. | NA |
| R-2707E | Cleveland | Shelby Bypass | Construct 4 lane access controlled roadway from existing US 74 west of SR 2238 (Long Branch Rd) to West od SR 1001 (Stoney Point Rd), 2.6 miles. | ROW acquisition has resumed. The estimated completion date for acquiring ROW is April 2023. | NA |
| R-5713 | Cleveland | US 74 | Construct access management improvements from US 74 Business to NC 226 | Let is scheduled for February of 2024. | NA |
| W-5712A | Cleveland | NC 180 (South Post Rd) at SR 2202 (Beam Rd/ Joes Lake Rd) | Intersection Improvements. | Right-of-Way and Utility relocation are complete. Construction let date has not been scheduled. | NA |

## Active Construction Projects

| | | | | | |
|---|---|---|---|---|---|
| U-5775 | Cleveland | Intersection of US 74 Bus. (Marion St) and NC 150 (Cherryville Rd) | Realign Intersection. | Right-of-Way and Utility relocation are complete. Construction let scheduled for February of 2022. | NA |
| U-5961 | Gaston | NC 274 (Union Rd) | Upgrade Roadway from Osceola Street to Niblick Dr. | Project has resumed. Preliminary designs under review. | NA |
| U-5821 | Gaston | NC 279 (New Hope Rd) | Widen to four lanes for 3.8 miles from SR 2478 (Titman Rd) to SR 2435 (union Hope Rd) | PE has resumed. Working on a recoomendation between seperated bike lanes or a multiuse path. | NA |
| U-5965 | Gaston | US 29 (Franklin Blvd) at NC 274 | Construct Intersection Improvements. | Project has resumed. Scoping will begin for the ROW/Final Plans stage. | NA |
| U-6043 | Gaston | US 29 (Franklin Blvd) | Add lane in eastbound direction from SR 2200 (Cox Rd) to 400 feet east of Lineberger Rd. | Project has resumed. A decision to have a sidewalk has been made. Public Utility Easement plans are currently under review. | NA |
| U-6078 | Gaston | NC 275 | Improve intersections at NC 275 and NC 274, NC 275 and SR 1327 (Fairview Rd). Close Intersection of NC 275 and SR 1456 (White Jenkins Rd.). | Planning and design to begin soon. | NA |
| U-6146 | Gaston | US 74 (Wilkinson Blvd) | Widen US 74 to six lanes for 1.277 miles from Market St. to SR 2015 (Alberta Ave.). | Right of way plans are complete. ROW acquisition and Utility design has begun (July 2021). | NA |
| R-5712 | Lincoln | NC 16 Bus. | Add turn lanes at intersection with SR 1439 (Unity Church Rd) / SR 1387 (Triangle Circle). | PE and ROW have resumed. Let date scheduled for June of 2023. | NA |
| U-6134 | Lincoln | NC 16 Bypass at SR 1380 (Optimist Club Rd). | Upgrade at grade intersection to Interchange. | Project has resumed. The planning phase is underway gathering information. | NA |

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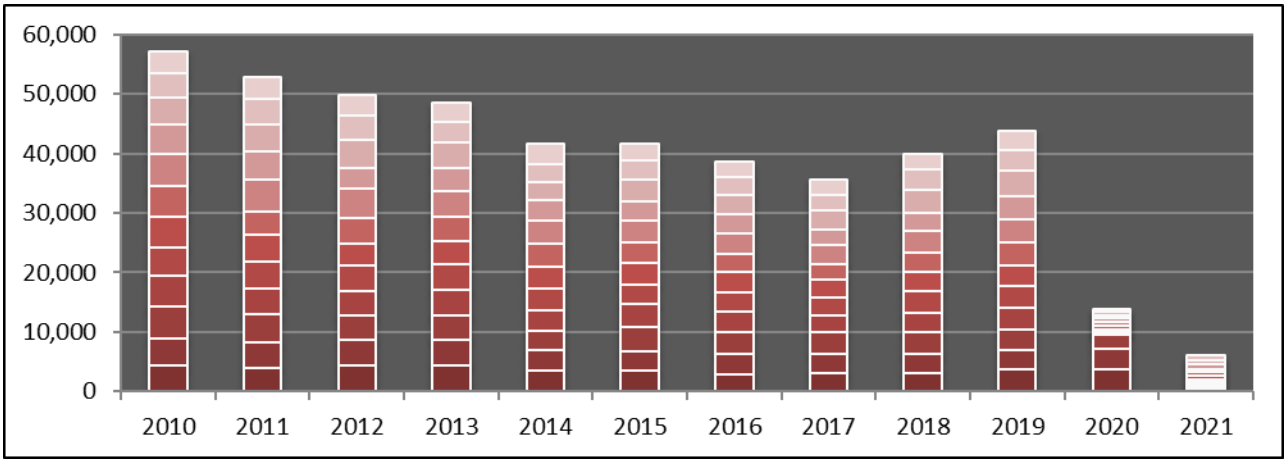
# Agenda Item #12d

**To:** Board Members and Interested Persons
**From:** MPO Staff
**Date:** January 27, 2022
**Subject:** Area Transit Systems Ridership Update

## 85x Gastonia Express Bus Ridership Trends

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan | 4,426 | 3,873 | 4,451 | 4,382 | 3,581 | 3,588 | 2,881 | 3,131 | 3,021 | 3,758 | 3,819 | 399 | 3,542 |
| Feb | 4,553 | 4,279 | 4,213 | 4,266 | 3,372 | 3,155 | 3,386 | 3,155 | 3,289 | 3,151 | 3,325 | 383 | 3,476 |
| March | 5,407 | 4,844 | 4,161 | 4,165 | 3,348 | 4,021 | 3,754 | 3,614 | 3,587 | 3,526 | 2,339 | 462 | 3,926 |
| April | 5,077 | 4,370 | 4,031 | 4,205 | 3,444 | 3,882 | 3,303 | 2,833 | 3,391 | 3,563 | 305 | 417 | 3,652 |
| May | 4,666 | 4,530 | 4,240 | 4,328 | 3,544 | 3,349 | 3,249 | 3,002 | 3,623 | 3,754 | 253 | 426 | 3,718 |
| June | 5,163 | 4,419 | 3,857 | 3,858 | 3,743 | 3,584 | 3,473 | 3,090 | 3,158 | 3,444 | 467 | 561 | 3,756 |
| July | 5,343 | 3,982 | 4,172 | 4,181 | 3,791 | 3,461 | 2,974 | 2,623 | 3,232 | 3,768 | 628 | 556 | 3,787 |
| Aug | 5,371 | 5,394 | 4,978 | 4,221 | 3,821 | 3,597 | 3,571 | 3,210 | 3,712 | 4,084 | 576 | 616 | 4,132 |
| Sept | 4,870 | 4,692 | 3,490 | 3,987 | 3,487 | 3,246 | 3,194 | 2,597 | 3,111 | 3,821 | 577 | 670 | 3,822 |
| Oct | 4,644 | 4,608 | 4,616 | 4,271 | 3,083 | 3,657 | 3,293 | 3,194 | 3,801 | 4,303 | 590 | 855 | 4,065 |
| Nov | 4,013 | 4,273 | 4,144 | 3,493 | 3,083 | 3,222 | 3,043 | 2,676 | 3,424 | 3,426 | 567 | 703 | 3,502 |
| Dec | 3,574 | 3,689 | 3,541 | 3,256 | 3,312 | 2,790 | 2,594 | 2,465 | 2,622 | 3,291 | 459 | | 3,150 |



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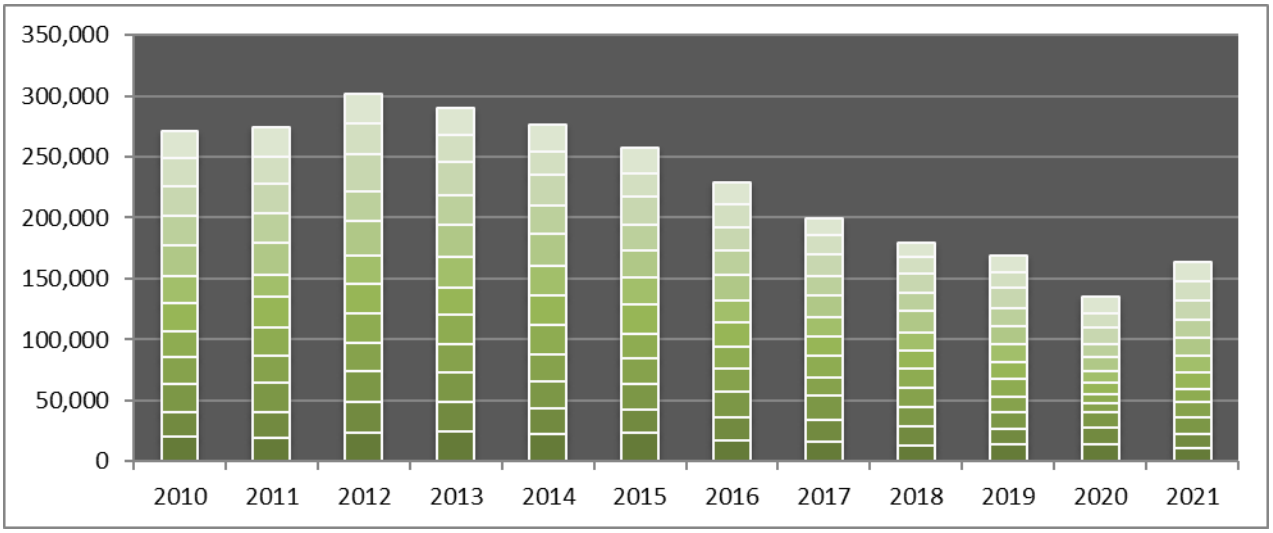
## Gastonia Transit Bus Ridership Trends

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan | 20,498 | 19,373 | 23,798 | 24,202 | 22,764 | 23,221 | 16,892 | 15,917 | 13,451 | 13,911 | 14,203 | 11,368 | 19,713 |
| Feb | 20,138 | 21,338 | 24,528 | 24,566 | 20,422 | 18,732 | 19,743 | 18,203 | 15,082 | 12,777 | 13,990 | 11,426 | 19,370 |
| March | 22,883 | 24,003 | 25,551 | 24,064 | 22,049 | 21,326 | 20,556 | 19,460 | 16,246 | 13,477 | 12,361 | 12,970 | 20,534 |
| April | 22,148 | 22,433 | 23,422 | 23,536 | 22,982 | 21,499 | 19,417 | 15,478 | 15,574 | 13,336 | 6,816 | 12,543 | 19,384 |
| May | 20,807 | 22,642 | 24,206 | 23,646 | 23,811 | 20,223 | 17,714 | 17,203 | 15,767 | 14,647 | 7,511 | 11,435 | 19,955 |
| June | 23,417 | 25,090 | 23,884 | 22,960 | 23,768 | 24,080 | 19,812 | 16,711 | 15,287 | 13,208 | 9,623 | 13,491 | 20,656 |
| July | 22,615 | 18,130 | 23,293 | 24,473 | 24,587 | 22,129 | 18,026 | 14,844 | 14,602 | 14,676 | 9,778 | 13,108 | 19,956 |
| Aug | 24,432 | 26,746 | 28,223 | 27,164 | 26,897 | 21,844 | 20,474 | 18,129 | 17,907 | 15,382 | 11,039 | 15,224 | 22,372 |
| Sept | 24,182 | 23,770 | 25,028 | 24,238 | 22,522 | 21,622 | 19,990 | 16,398 | 14,216 | 14,544 | 11,271 | 14,780 | 20,606 |
| Oct | 24,243 | 24,116 | 30,064 | 26,942 | 24,971 | 22,237 | 19,939 | 17,577 | 16,267 | 16,713 | 13,341 | 16,046 | 22,337 |
| Nov | 23,266 | 22,779 | 25,818 | 21,852 | 19,708 | 19,466 | 18,542 | 15,441 | 13,383 | 13,002 | 11,879 | 15,399 | 19,220 |
| Dec | 22,532 | 24,134 | 23,661 | 22,630 | 22,014 | 21,420 | 17,569 | 14,321 | 11,599 | 13,113 | 13,028 | 16,132 | 19,357 |



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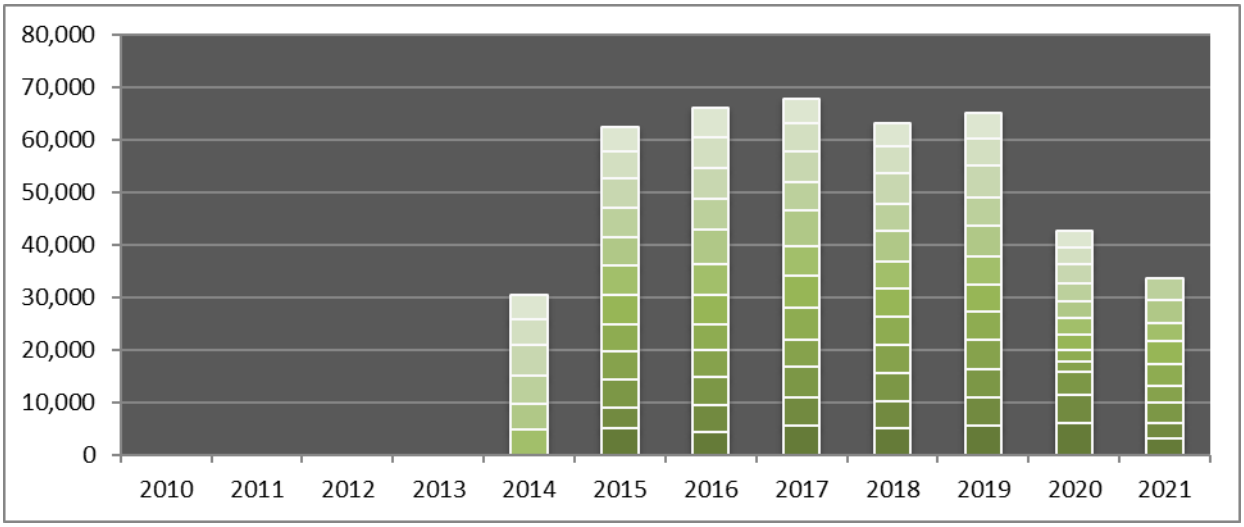
tACC

## Transportation Administration Cleveland County Transit Bus Ridership Trends

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan | | | | | | 5,073 | 4,249 | 5,511 | 4,965 | 5,613 | 5,971 | 2,997 | 4,911 |
| Feb | | | | | | 3,856 | 5,198 | 5,383 | 5,105 | 5,246 | 5,372 | 3,105 | 4,752 |
| March | | | | | | 5,469 | 5,484 | 5,906 | 5,494 | 5,545 | 4,573 | 3,763 | 5,176 |
| April | | | | | | 5,404 | 4,938 | 5,102 | 5,377 | 5,388 | 1,851 | 3,362 | 4,489 |
| May | | | | | | 5,121 | 4,991 | 6,087 | 5,471 | 5,535 | 2,147 | 4,001 | 4,765 |
| June | | | | | | 5,637 | 5,690 | 6,153 | 5,263 | 4,984 | 3,059 | 4,345 | 5,019 |
| July | | | | | 4,853 | 5,503 | 5,740 | 5,522 | 5,051 | 5,550 | 3,025 | 3,508 | 4,844 |
| Aug | | | | | 4,877 | 5,347 | 6,525 | 6,945 | 5,848 | 5,654 | 3,174 | 4,309 | 5,335 |
| Sept | | | | | 5,297 | 5,554 | 5,943 | 5,303 | 5,182 | 5,494 | 3,364 | 4,138 | 5,034 |
| Oct | | | | | 5,891 | 5,750 | 5,919 | 5,860 | 5,967 | 6,190 | 3,656 | | 5,605 |
| Nov | | | | | 4,768 | 4,945 | 5,906 | 5,377 | 5,100 | 4,982 | 3,293 | | 4,910 |
| Dec | | | | | 4,684 | 4,867 | 5,523 | 4,715 | 4,271 | 4,911 | 3,223 | | 4,599 |



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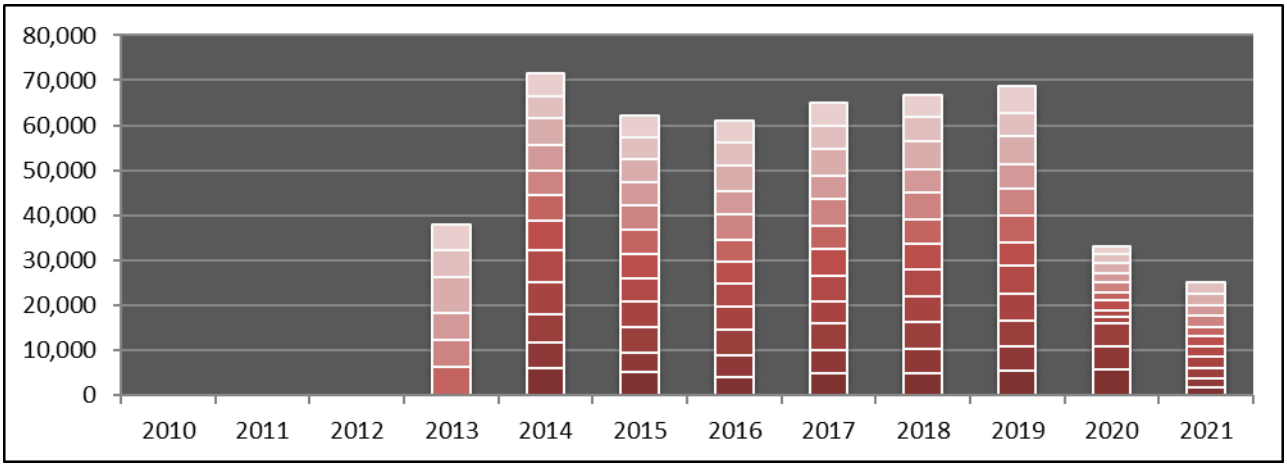
# Transportation Lincoln County

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | 6,008 | 5,144 | 4,162 | 5,001 | 4,914 | 5,448 | 5,659 | 1,834 | 4,771 |
| **Feb** | | | | | 5,807 | 4,258 | 4,892 | 5,001 | 5,527 | 5,483 | 5,353 | 1,908 | 4,779 |
| **March** | | | | | 6,317 | 5,787 | 5,494 | 5,943 | 5,810 | 5,808 | 4,962 | 2,461 | 5,323 |
| **April** | | | | | 7,117 | 5,592 | 5,079 | 5,000 | 5,859 | 5,961 | 1,406 | 2,346 | 4,795 |
| **May** | | | | | 7,081 | 5,080 | 5,100 | 5,699 | 5,855 | 6,104 | 1,611 | 2,222 | 4,844 |
| **June** | | | | | 6,492 | 5,662 | 4,887 | 5,784 | 5,631 | 5,259 | 2,052 | 2,457 | 4,778 |
| **July** | | | | 6,223 | 5,658 | 5,387 | 4,948 | 5,144 | 5,431 | 5,805 | 1,967 | 1,930 | 4,721 |
| **Aug** | | | | 6,161 | 5,481 | 5,298 | 5,629 | 5,945 | 6,103 | 5,999 | 2,127 | 2,582 | 5,036 |
| **Sept** | | | | 5,849 | 5,735 | 5,176 | 5,266 | 5,185 | 5,051 | 5,491 | 2,040 | 2,338 | 4,681 |
| **Oct** | | | | 7,912 | 6,025 | 5,210 | 5,532 | 5,956 | 6,294 | 6,345 | 2,296 | 2,417 | 5,332 |
| **Nov** | | | | 6,186 | 4,637 | 4,769 | 5,179 | 5,174 | 5,384 | 5,018 | 1,824 | 2,561 | 4,526 |
| **Dec** | | | | 5,767 | 5,149 | 4,854 | 4,922 | 5,094 | 4,963 | 5,904 | 1,888 | | 4,818 |



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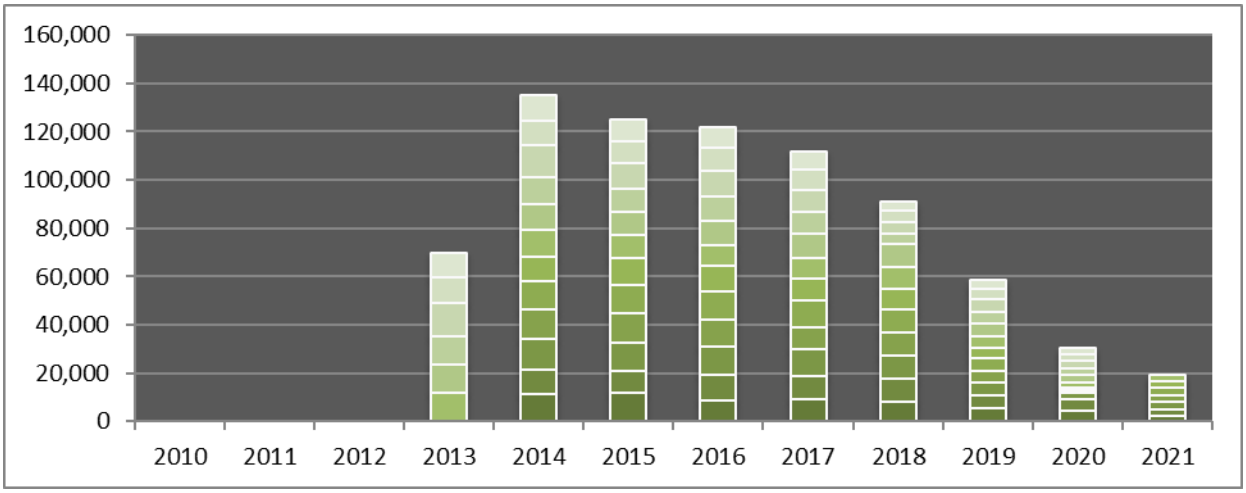
# Gaston County ACCESS

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Avg. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan | | | | | 11,368 | 11,760 | 8,859 | 9,067 | 8,229 | 5,667 | 4,554 | 2,097 | 7,700 |
| Feb | | | | | 10,295 | 8,900 | 10,623 | 9,929 | 9,666 | 5,358 | 4,481 | 2,617 | 7,734 |
| March | | | | | 12,379 | 11,939 | 11,245 | 10,777 | 9,448 | 5,204 | 2,677 | 3,256 | 8,366 |
| April | | | | | 12,299 | 12,215 | 11,379 | 9,197 | 9,270 | 4,710 | 878 | 2,984 | 7,867 |
| May | | | | | 11,927 | 11,559 | 11,945 | 10,914 | 9,831 | 5,291 | 800 | 2,758 | 8,128 |
| June | | | | | 10,136 | 11,080 | 10,527 | 9,353 | 8,350 | 4,140 | 813 | 2,859 | 7,157 |
| July | | | | 11,819 | 10,872 | 9,923 | 8,340 | 8,517 | 9,193 | 4,923 | 2,007 | 2,637 | 7,581 |
| Aug | | | | 11,780 | 10,831 | 9,328 | 10,332 | 9,981 | 9,476 | 5,060 | 2,938 | | 8,716 |
| Sept | | | | 11,661 | 11,161 | 9,705 | 10,032 | 8,943 | 3,988 | 4,902 | 2,811 | | 7,900 |
| Oct | | | | 13,838 | 13,022 | 10,607 | 10,502 | 9,025 | 5,257 | 5,539 | 3,384 | | 8,897 |
| Nov | | | | 10,583 | 10,016 | 8,988 | 9,422 | 8,658 | 4,745 | 4,141 | 2,632 | | 7,398 |
| Dec | | | | 10,176 | 10,615 | 8,985 | 8,597 | 7,475 | 3,287 | 3,666 | 2,563 | | 6,921 |



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