

**AGENDA**  
**MPO Technical Committee**  
Tuesday, September 20, 2022  
10:00 AM

**\*\*In-Person Meeting at:** Water Street Center, 407 E. Water Street, Charlottesville, VA 22902

Zoom Meeting Link

<https://us02web.zoom.us/j/88286752594?pwd=TjM4cEhNUGFZblhXckxCMUVmV0haQT09>

*(for Remote Participation in Compliance with Adopted Remote Meeting Policy, Guest Speakers, and Members of Public)*

Meeting ID: 882 8675 2594.

Passcode: 290367.

Item	Time	Description
0	10:00-10:05	<b>Attendance</b>
1	10:05-10:10	<b>Matters from the Public: limit of 3 minutes per speaker</b> <i>Members of the Public are welcome to provide comment on any public-interest, transportation-related topic, including the items listed on this agenda</i>
2	10:10-10:15	<b>General Administration*</b> – Ryan Mickles, CA-MPO <ul style="list-style-type: none"> <li>• Acceptance of agenda*</li> <li>• Approval of July 26, 2022 MPO Tech Minutes*</li> </ul>
3	10:15-10:20	<b>Elections of Technical Committee Chair and Vice -Chair for Fiscal Year 2023*</b> – Ryan Mickles, CA-MPO <ul style="list-style-type: none"> <li>• Nominations and Vote for Chair*</li> <li>• Nominations and Vote for Vice-Chair*</li> </ul>
4	10:20-10:35	<b>FY23 Unified Planning Work Program Amendments*</b> – Sandy Shackelford, CA-MPO <ul style="list-style-type: none"> <li>• FY23 UPWP Summary of Changes</li> <li>• Amended UPWP</li> <li>• Resolution of Approval to the FY23 Unified Planning Work Program Amendments</li> </ul>
5	10:35-11:25	<b>Update on 2050 Long Range Transportation Plan</b> – Sandy Shackelford, CA-MPO <ul style="list-style-type: none"> <li>• Long Range Transportation Plan Scope of Work Gantt Chart*</li> <li>• OIPI Project Prioritization Process</li> <li>• Draft Public Engagement Plan</li> </ul>
6	11:25-11:35	<b>US Dept. of Transportation Safe Streets for All (SS4A) Grant Program</b> – Ryan Mickles, CA-MPO <ul style="list-style-type: none"> <li>• <a href="https://www.transportation.gov/grants/SS4A">https://www.transportation.gov/grants/SS4A</a></li> </ul>
7	11:35-11:45	<b>Staff Updates</b> <ul style="list-style-type: none"> <li>• TJPDC/Rideshare Program – <i>PDC Staff</i></li> </ul>
8	11:45-11:55	<b>Roundtable Updates</b>
9	11:55-12:00	<b>Additional Matters from the Public: limit of 3 minutes per speaker</b> <i>Members of the public are welcome to provide comment on any public-interest, transportation-related topic, including the items listed on this agenda</i>

\* A recommendation to the Policy Board and/or vote is expected for this item

**Upcoming Meetings:**

Citizen Transportation Advisory Committee: September 21 at 7:00pm

MPO Policy Board: September 28 at 4:00pm

Bicycle and Pedestrian Staff Coordination Committee: October 22 at 10:00am

**MPO Technical Committee Meeting**

Draft Minutes, July 26, 2022

Video of the meeting can be found at <https://www.youtube.com/watch?v=1mnyFu7vxYo>

VOTING MEMBERS & ALTERNATES		STAFF	
Alex Ikefuna, Charlottesville	x	Sandy Shackelford, TJPDC	
Jeanette Janiczek, Charlottesville		Lucinda Shannon, TJPDC	x
Rory Stolzenberg, Charlottesville PC		Gretchen Thomas, TJPDC	x
Kevin McDermott, Albemarle	x	Ruth Emerick, TJPDC	x
Jessica Hersh-Ballerig, Albemarle	x	Ryan Mickles, TJPDC	x
Chuck Proctor, VDOT	x		
Stacy Londrey, VDOT (alternate)		<b>NON-VOTING MEMBERS</b>	
Christine Jacobs, TJPDC	x	Tony Cho FTA	
Stephen Johnson, Jaunt	x	Donna Chen, CTAC Liaison	x
Bill Palmer, UVA	x		
Luis Carrazana, Albemarle PC		<b>GUESTS/PUBLIC</b>	
Juwhan Lee, CAT	x	Sean Tubbs	x
Wood Hudson, DRPT	x	Levon Boyagian, AMPO	x
Sara Pennington, Rideshare	x	Bill Keyrouze, AMPO	x
Richard Duran, FHWA			
Taylor Jenkins, DRPT (alternate)			
Michael Barnes, VDOT	x		

**1. CALL TO ORDER:**

The MPO Technical Committee member, Kevin McDermott, presided and called the meeting to order at 10:08 a.m. There was not a quorum present in person.

**2. MATTERS FROM THE PUBLIC**

- a. **Comments by the Public:** None
- b. **Comments provided via email, online, web site, etc.:** None

**3. GENERAL ADMINISTRATION:**

Acceptance of Agenda – There were no additions or changes to the agenda, so it was approved as presented.

Approval of May 17, 2022 Minutes

**Motion/Action:** Since there was no quorum present in person, the minutes were tabled for approval until the next meeting.



#### **4. ELECTIONS OF MPO TECH CHAIR AND VICE CHAIR:**

**Motion/Action:** Since there was no quorum present in person, the elections were tabled until the next meeting.

#### **5. INFRASTRUCTURE INVESTMENT AND JOBS ACT (IIJL) (MINUTE:00):**

Levon Boyagian and Bill Keyrouze, Associations of Metropolitan Planning Organizations (AMPO), presented the committee with the background and priorities of the IIJL bill that recently passed. They covered the required and permissive provisions, and the programs.

He also reviewed the funding requirements, and how MPOs may opt out with approval from the Secretary.

Mr. Boyagian noted that housing coordination will be an important factor when considering transportation planning. He said climate, equity, electric vehicle infrastructure, and bridges also have a big focus in this act.

He reported that there are 17 MPO-eligible grant programs with \$100 billion in discretionary programs. There are combined applications available that will be multimodal projects discretionary grants, and there will be coordination at all levels with an emphasis on joint application with coordination with local partners.

He covered the factors impacting implementation, including staffing issues (a lot of work and not enough people), inflation, labor shortage, trucking shortage, gas tax holiday in some states, supply chain disruptions, and the “Buy America” changes escalating costs.

Mr. Boyagian reported on an additional regulation being considered to establish national performance management measures requiring state DOTs and MPOs to establish declining CO2 targets and establish a method for the measurement and reporting of GHG emissions from transportation. Comments on this regulation must be received at USDOT on or before October 13, 2022.

He reported on the Thriving Communities Initiative that will provide complimentary technical assistance as part of the program to improve the coordination of housing and transportation planning.

Mr. Boyagian gave a federal update for FY23 appropriations.

There was a discussion about what November’s election outcomes might mean for IIJA.

Mr. Keyrouze said he would pass the presentation on to the committee members after the meeting.

**6. DRAFT REQUEST FOR PROPOSAL FOR 2050 LONG RANGE TRANSPORTATION PLAN (MINUTE 59:06):**

Mr. Mickles noted that there was a draft RFP for the 2050 LRTP. The memo was to draft a working group that will meet during the off months of the MPO Tech Committee's regularly scheduled meetings. There were suggestions made for who might be in that group.

Christine Jacobs explained the need for consultant technical support for the LRTP process.

There was discussion about the RFP and how to fine tune it before it goes before the MPO Policy Board for adoption.

Jessica Hersh-Ballering suggested that the core group of this working group be the Technical Committee itself and add members from the suggested groups. Ms. Jacobs will bring the recommendation to the Policy Board at their next meeting.

**7. STAFF UPDATES (MINUTE 1:36:00):**

FY21-24 TIP Amendment and Adjustments

Mr. Mickles reported on several administrative TIP amendments and adjustments. The TIP is on the MPO website: <https://campo.tipdc.org/process-documents/tip/>

Rideshare

Sara Pennington said they are working on closing out FY22 with DRPT. There will be a Try Transit in September and Rideshare week in October. Afton Express' ridership has remained steady through the summer. There have been additional funds for a fourth route, including a new bus, that will accommodate those who work 12-hour shifts at the hospital. The first anniversary is on September 1, so look for upcoming promotions surrounding that milestone.

Smart Scale Round 5

Mr. Mickles thanked the staff who have worked on the applications, which are due August 1. There are a couple of items missing from two applications and he will coordinate with staff to get that information.

OIPI Growth and Accessibility Planning Technical Assistance Grant

Mr. Mickles gave an update on the OIPI grant. Mr. McDermott asked to see a comprehensive presentation in the future on the OIPI grant process and progress.

**9. ROUNDTABLE UPDATES (MINUTE 1:47:58):**

The roundtable discussion was tabled due to time constraints.

**10. ADDITIONAL MATTERS FROM THE PUBLIC (MINUTE 1:48:13):**

None.

**ADJOURNMENT:** Mr. McDermott adjourned the meeting at 12:00 p.m.



# Unified Planning Work Program (UPWP)

Fiscal Year 2023  
July 1, 2022 – June 30, 2023  
Approved May 25, 2022  
Revised September 28, 2022

 *Thomas Jefferson*  
Planning District Commission  
Charlottesville/Albemarle MPO



 **VDOT**  
Virginia Department of Transportation

 **DRPT**  
Virginia Department of Rail and Public Transportation

 U.S. Department of Transportation  
**Federal Highway Administration**



## Preface

Prepared on behalf of the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) by the staff of the Thomas Jefferson Planning District Commission (TJPDC) through a cooperative process involving the City of Charlottesville and the County of Albemarle, Charlottesville Area Transit (CAT), Jaunt, University of Virginia (UVA), the Virginia Department of Transportation (VDOT), the Department of Rail and Public Transportation (DRPT), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA).

The preparation of this work program was financially aided through grants from FHWA, FTA, DRPT, and VDOT.

## Table of Contents

<b>PREFACE .....</b>	<b>2</b>
<b>TABLE OF CONTENTS.....</b>	<b>3</b>
<b>INTRODUCTION .....</b>	<b>4</b>
PURPOSE OF THE UNIFIED PLANNING WORK PROGRAM .....	4
PURPOSE OF THE METROPOLITAN PLANNING ORGANIZATION.....	4
RELATIONSHIP OF UPWP TO LONG RANGE TRANSPORTATION PLANNING.....	5
MPO TRANSPORTATION INFRASTRUCTURE ISSUES AND PRIORITIES .....	6
PUBLIC PARTICIPATION/TITLE VI AND ENVIRONMENTAL JUSTICE .....	6
FUNDING .....	7
<b>HIGHLIGHTS OF FY22 UPWP.....</b>	<b>9</b>
<b>FY23 UPWP ACTIVITIES BY TASK .....</b>	<b>11</b>
TASK 1: ADMINISTRATION .....	11
TASK 2: LONG RANGE TRANSPORTATION PLANNING.....	12
TASK 3: SHORT RANGE PLANNING .....	15
TASK 4: CONTRACTED PROJECTS AND STUDIES.....	17
<b>CA-MPO IN FY23 .....</b>	<b>19</b>
<b>PUBLIC PARTICIPATION PROCESS.....</b>	<b>20</b>
REVIEW AND APPROVAL OF TASKS.....	20
ONLINE POSTING .....	20
STATE REVIEW .....	20
REVIEW OF FINAL FY23 UPWP .....	20
<b>GLOSSARY OF ACRONYMS .....</b>	<b>21</b>
<b>APPENDIX .....</b>	<b>233</b>
ATTACHMENT A: TASKS PERFORMED BY VDOT	
ATTACHMENT B: MEMORANDUM OF UNDERSTANDING	
ATTACHMENT C: FTA SECTION 5303/PL FUNDING BREAKDOWN	
ATTACHMENT D: RESOLUTION	



## INTRODUCTION

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### **Purpose of the Unified Planning Work Program**

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The Unified Planning Work Program (UPWP) for transportation planning identifies all activities to be undertaken in the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) area for fiscal year 2022. The UPWP provides a mechanism for coordination of transportation planning activities in the region and is required as a basis and condition for all federal funding assistance for transportation planning by the joint metropolitan planning regulations of the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA).

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### **Purpose of the Metropolitan Planning Organization**

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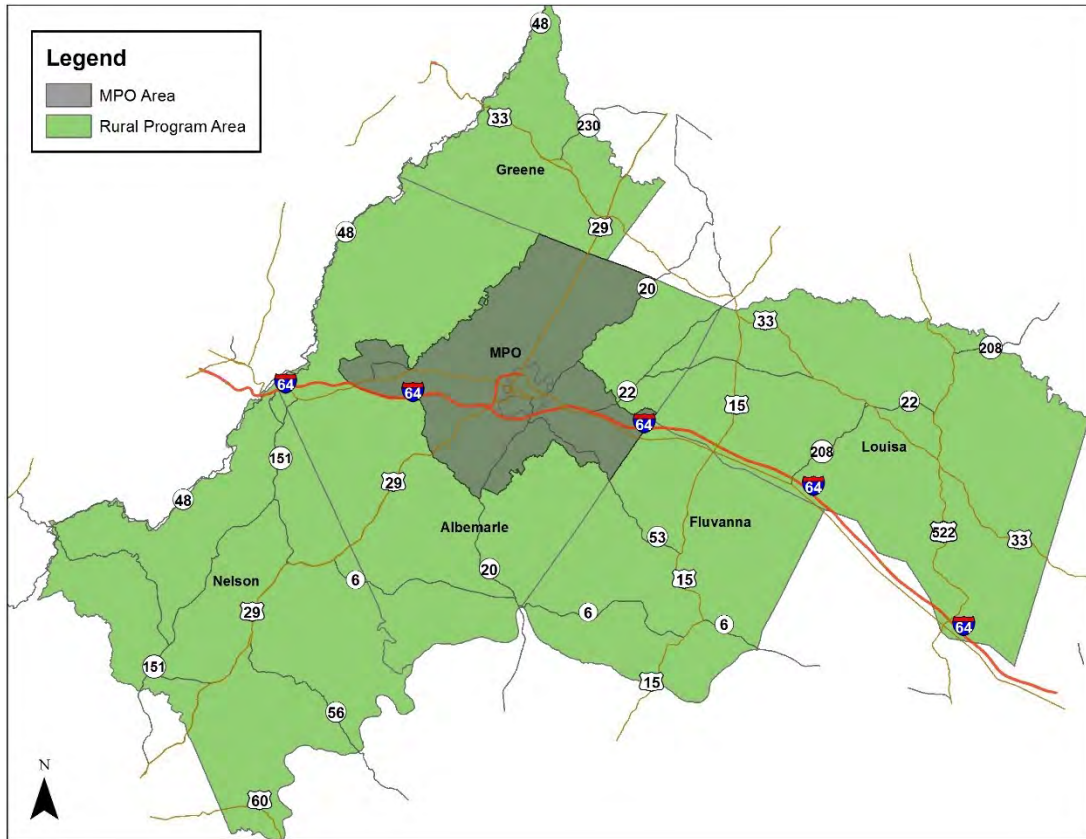
CA-MPO provides a forum for conducting continuing, comprehensive, and coordinated (3-C) transportation decision-making among the City of Charlottesville, County of Albemarle, University of Virginia (UVA), Jaunt, Charlottesville Area Transit (CAT), Department of Rail and Public Transportation (DRPT) and Virginia Department of Transportation (VDOT) officials. In 1982, Charlottesville and Albemarle officials established the MPO in response to a federal mandate through a memorandum of understanding signed by the Thomas Jefferson Planning District Commission (TJPDC), Jaunt, VDOT and the two localities. The same parties adopted a new agreement on July 25, 2018 (Attachment B).

The MPO conducts transportation studies and ongoing planning activities, including the Transportation Improvement Program (TIP), which lists road and transit improvements approved for federal funding, and the 25-year long range plan for the overall transportation network, which is updated every five years. Projects funded in the TIP are required to be in the long-range plan.

The policy making body of the CA-MPO is its Board, consisting of two representatives from the City of Charlottesville and two representatives from Albemarle County. A fifth representative is from the VDOT Culpeper District. Non-voting members include DRPT, CAT, Jaunt, UVA, the Federal Highway Administration (FHWA), the Federal Aviation Administration (FAA), the Federal Transit Administration (FTA), and the Citizens Transportation Advisory Committee (CTAC). CA-MPO is staffed by the TJPDC, which works in conjunction with partner and professional agencies, to collect, analyze, evaluate and prepare materials for the Policy Board and MPO Committees at their regularly scheduled meetings, as well as any sub-committee meetings deemed necessary.

The MPO area includes the City of Charlottesville and the portion of Albemarle County that is either urban or anticipated to be urban within the next 20 years. In 2013, the MPO boundaries were updated and expanded to be more consistent with 2010 census data. The Commonwealth's Secretary of Transportation approved these new boundaries in March 2013. A map of the MPO area appears on the next page:






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**Relationship of UPWP to Long Range Transportation Planning**

The MPO develops its UPWP each spring. It outlines the transportation studies and planning efforts to be conducted during the upcoming fiscal year (July 1 – June 30). The transportation studies and planning efforts outlined in the UPWP are guided by the regional transportation vision, goals, issues, and priorities developed through the extensive long-range planning process. Federal law requires the MPO to address eight basic planning factors in the metropolitan planning process. These eight planning factors are used in the development of any plan or other work of the MPO, including the Work Program, and are as follows:

- *Economic Vitality:* Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- *Safety:* Increase the safety of the transportation system for motorized and non-motorized users;
- *Security:* Increase the security of the transportation system for motorized and non-motorized users;
- *Accessibility/Mobility:* Increase the accessibility and mobility of people and freight;
- *Environmental Quality:* Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- *Connectivity:* Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- *Efficiency:* Promote efficient system management and operation; and,
- *Maintenance:* Emphasize the preservation of the existing transportation system.

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### **MPO Transportation Infrastructure Issues and Priorities**

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In addition to the eight planning factors identified by FHWA and FTA, the issues listed below (in no particular order) have been identified by the MPO, its transportation planning partners, and the public throughout the metropolitan planning process. These issues are interconnected components of effective regional transportation planning, and collectively create the planning priorities facing the CA-MPO that will be addressed through the Work Program tasks and deliverables.

The following issues call for a need to:

- Expand and enhance transit, transportation demand management strategies including ridesharing services, and parking strategies to provide competitive choices for travel throughout the region;
- Improve mobility and safety for the movement of people and goods in the area transportation system;
- Improve strategies to make the community friendly to bicycles and pedestrians, particularly the mobility and safety of bicyclists and pedestrians, as well as access to transit, rail and transit/rail facilities;
- Take more visible steps to better integrate transportation planning with local government land use plans, with a goal of creating patterns of interconnected transportation networks and long-term multimodal possibilities such as non-vehicular commuter trails, intercity rail, and right-of-way corridors for bus ways;
- Ensure that new transportation networks are designed to minimize negative impacts on the community and its natural environment, and to save money;
- Encourage public involvement and participation, particularly addressing environmental justice and Title VI issues;<sup>1</sup>
- Improve the understanding of environmental impacts of transportation projects and identify opportunities for environmental mitigation; and,
- Seriously consider budget shortfalls and its impediments to transportation projects and work to tap alternative sources of funding.

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### **Public Participation/Title VI and Environmental Justice**

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The MPO makes every effort to include minority, low-income, and limited-English speaking populations in transportation planning. Throughout this document there are several tasks that specifically discuss the MPO's efforts to include these populations. In addition to the UPWP, the MPO also maintains a Public Participation Plan and a Title VI/Environmental Justice Plan. Both plans specify that the MPO must post public notices in key locations for low-income, minority and limited-English speaking populations. Both plans state that the MPO must make all official documents accessible to all members of our community. The Title VI/Environmental Justice Plan also outlines a complaint process, should a member of these specialized populations feel as though they have been discriminated against. These documents work in tandem with the UPWP to outline the MPO's annual goals and processes for regional transportation planning.

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<sup>1</sup> The 1994 Presidential Executive Order directs Federal agencies to identify and address the needs of minority and low-income populations in all programs, policies, and activities.

**Funding**

Two federal agencies fund the MPO’s planning activity. This includes FHWA’s funds, labeled as “PL,” and FTA, labeled as “FTA.” The FHWA funds are administered through VDOT, while FTA funds are administered through the DRPT. Funds are allocated to the TJPDC, to carry out MPO staffing and the 3c’s process. The CA-MPO budget consist of 10% local funds, 10% state funds, and 80% federal funds.

VDOT receives federal planning funds from FHWA for State Planning and Research. These are noted with the initials “SPR.” The total budget for SPR items reflects 80% federal funds and 20% state funds. *Attachment A* shows the tasks to be performed by VDOT’s District Staff, utilizing SPR funds. VDOT’s Transportation and Mobility Planning Division (TMPD), located in the VDOT Central Office, will provide statewide oversight, guidance and support for the federally-mandated Metropolitan Transportation Planning & Programming Process. TMPD will provide technical assistance to VDOT District Planning Managers, local jurisdictions, regional agencies and various divisions within VDOT in the development of transportation planning documents for the MPO areas. TMPD will participate in special studies as requested. DRPT staff also participates actively in MPO studies and committees, although funding for their staff time and resources is not allocated through the MPO process.

The following tables provide information about the FY22 Work Program Budget. These tables outline the FY22 Program Funds by Source and by Agency. The second table summarizes the budget by the three Work Program tasks: Administration (Task 1), Long Range Planning (Task 2), and Short-Range Planning (Task 3). More detailed budget information is included with the descriptions of the task activities.

**FY23 Work Program: Funding by Source**

Funding Source	Federal	State	Local	Total
	80%	10%	10%	100%
FY-23 PL Funding	\$193,901	\$24,238	\$24,238	\$242,376
FY-21 PL Passive Rollover	\$28,370	\$3,546	\$3,546	\$35,462
FY-22 PL Active Rollover	\$56,000	\$7,000	\$7,000	\$70,000
<b>FY-23 PL Total</b>	<b>\$278,271</b>	<b>\$34,784</b>	<b>\$34,784</b>	<b>\$347,838</b>
FY-23 FTA Funding	\$102,026	\$12,754	\$12,754	\$127,534
FY-22 FTA Active Rollover	\$20,390	\$2,549	\$2,549	\$25,488
<b>FY-23 FTA Total</b>	<b>\$122,416</b>	<b>\$15,303</b>	<b>\$15,303</b>	<b>\$153,022</b>
<b>PL+FTA Total</b>	<b>\$400,687</b>	<b>\$50,087</b>	<b>\$50,087</b>	<b>\$500,860</b>
VDOT SPR	\$136,000	\$17,000	\$17,000	\$170,000
<b>Total FY23 Work Program</b>	<b>\$536,687</b>	<b>\$67,087</b>	<b>\$67,087</b>	<b>\$670,860</b>

**FY23 Work Program: Funding by Task**

Funding Source	Task 1	Task 2	Task 3	Total
	<i>11.78%</i>	<i>68.47%</i>	<i>19.75%</i>	<i>100%</i>
<b>PL+FTA Total</b>	<b>\$59,000</b>	<b>\$342,934</b>	<b>\$98,926</b>	<b>\$500,860</b>
FY-23 PL Funding	\$37,500	\$155,876	\$49,000	\$242,376
FY-22 PL Active Rollover	\$0	\$35,462	\$0	\$35,462
FY-21 PL Passive Rollover	\$0	\$70,000	\$0	\$70,000
<b>PL Total</b>	<b>\$37,500</b>	<b>\$261,338</b>	<b>\$49,000</b>	<b>\$347,838</b>
FY-23 FTA Funding	\$19,590	\$74,349	\$45,492	\$139,431
FY-22 FTA Active Rollover	\$3,581	\$13,591	\$8,316	\$25,488
<b>FTA Total</b>	<b>\$21,500</b>	<b>\$81,596</b>	<b>\$49,926</b>	<b>\$153,022</b>
<b>VDOT SPR</b>	<b>\$50,000</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$170,000</b>
<b>Total FY23 Work Program</b>	<b>\$109,000</b>	<b>\$402,934</b>	<b>\$158,926</b>	<b>\$670,860</b>

## Highlights of FY22 UPWP

The CA-MPO conducted several projects and initiatives in FY22. Below are highlights from that year, helping to give context for the FY21 activities.

### **SMART SCALE**

The SMART SCALE process scores and ranks transportation projects, based on an objective analysis that is applied statewide. The legislation is intended to improve the transparency and accountability of project selection, helping the Commonwealth Transportation Board (CTB) to select projects that provide the maximum benefits for tax dollars spent. In FY22, CA-MPO staff implemented a new process to increase public engagement opportunities for SMART SCALE projects prior to preparing applications. CA-MPO staff worked with County, City, and VDOT staff to identify project applications early, and conducted an engagement process around one project that was identified as needing additional outreach. CA-MPO staff also coordinated with County, City, and VDOT staff to conduct an information session to share the planned project applications throughout the MPO area with the public and receive preliminary feedback. CA-MPO worked to prepare and submit pre-applications for projects that will be developed into full applications that will be completed in FY23.

### **North 29 Corridor Study**

In FY22, MPO and PDC staff coordinated with VDOT to retain consultants to support an analysis of the northern portion of Route 29 in coordination with the Rural Transportation Work Program. Consultants examined the operation of key intersections throughout the corridor and recommended alternatives that could be implemented to improve operations based on their analysis.

### **Regional Transit Planning**

MPO staff has continued their involvement in overseeing the Regional Transit Partnership. In FY22, staff continued their support of two DRPT grants to study transit service and operations within the MPO region. The feasibility study and implementation plan to expand transit service in Albemarle County was completed, and was successfully leveraged into an application for a demonstration grant to pilot micro-transit services in two areas of Albemarle County. The second study is to develop a Charlottesville Area Regional Transit Vision Plan and is still under development. This projects kicked off in FY21 and will continue into early FY23.

### **Transportation Improvement Program (TIP)**

MPO staff maintained the FY21-FY24 TIP in collaboration with VDOT, DRPT, and the various MPO committees, finalizing the updated plan that was completed by the CA-MPO in FY22.

### **National Transportation Performance Measures**

Performance Based Planning and Programming requirements for transportation planning are laid out in the Moving Ahead for Progress in the 21st century (MAP-21), enacted in 2012 and reinforced in the 2015 FAST Act, which calls for states and MPOs to adopt targets for national performance measures. Each MPO adopts targets for a set of performance measures, in coordination with the Virginia Department of Transportation (VDOT) and the Virginia Department of Rail and Public Transit (DRPT), and these measures are used to help in the

prioritization of TIP and Long-Range Transportation Plan projects. In FY22, the MPO Policy Board voted to support the statewide safety targets, which are reviewed every year.

**Long Range Transportation Plan Scoping**

MPO Staff began developing the scope for the next update to the Long Range Transportation Plan which will be undertaken beginning in FY23. As part of this scoping process, staff was able to successfully apply and be awarded a Growth and Accessibility Planning Technical Assistance grant through the Office of Intermodal Planning and Investment to develop a project prioritization process to incorporate into the process of developing the plan.

**Title VI/Public Participation**

In FY22, MPO Staff updated the Title VI plan in conformance with feedback received from VDOT. In FY23, staff will work to implement to new policies and processes that were identified as being required in that plan.

## FY23 UPWP Activities by Task

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### **Task 1: Administration**

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*Total Funding:* \$59,000

*PL Funding:* \$37,500

*FTA Funding:* \$21,500

#### **A) Reporting and Compliance with Regulations**

*PL Funding:* \$14,000

*FTA Funding:* \$8,000

There are several reports and documents that the MPO is required to prepare or maintain, including:

- FY23 Unified Planning Work Program Implementation;
- FY24 Unified Planning Work Program Development;
- Monthly progress reports and invoices; and,
- Other funding agreements.

TJPDC staff will also provide for the use of legal counsel, accounting and audit services for administering federal and state contracts.

#### *End Products:*

- Complete annual Unified Planning Work Program (UPWP) process;
- Administer Grants and other funding;
- Execute project agreements, along with related certifications and assurances; and,
- Complete invoicing, monthly billing, and progress reports.

#### **B) Staffing Committees**

*PL Funding:* \$14,000

*FTA Funding:* \$8,000

TJPDC staff is responsible for staffing the MPO Policy Board and Committees. These efforts include preparation of agendas, minutes, and other materials for the committees listed below. The MPO continues to urge localities to appoint committee representatives from minority and low-income communities.

The CA-MPO staffs the following groups:

- MPO Policy Board;
- MPO Technical Committee;
- Regional Transit Partnership (RTP); and,
- Additional committees as directed by the MPO Policy Board.

#### *End Products:*

- Staff committees;
- Maintain memberships on committees;
- Issue public notices and mailings; and,
- Maintain committee information on the TJPDC/MPO Website.



### **C) Information Sharing**

*PL Funding:* \$9,500

*FTA Funding:* \$5,500

The MPO functions as a conduit for sharing information between local governments, transportation agencies, state agencies, other MPOs, and the public. MPO staff will provide data and maps to State and Federal agencies, localities and the public, as needed. Staff will also contribute articles to TJPDC's newsletters and Quarterly Report. The CA-MPO will continually monitor and report on changes to Federal and State requirements related to transportation planning and implementation policies. Staff will attend seminars, meetings, trainings, workshops, and conferences related to MPO activities as necessary. Staff will assist local, regional and State efforts with special studies, projects and programs. One ongoing project is a regional housing analysis that will include use of transportation data around housing centers and travel time to key destinations. Staff will also conduct ongoing intergovernmental discussions; coordinate transportation projects; and attend/organize informational meetings and training sessions. MPO staff will attend additional meetings with local planning commissions and elected boards to maintain a constant stream of information with local officials to include transportation, transit and environmental topics.

#### *End Products:*

- Continue to review and update facts and figures;
- Provide technical data, maps and reports to planning partners;
- Attend local planning commission meetings as needed;
- Attend City Council and Board of Supervisors meetings as needed;
- Ensure adequate communication between Planning District Commission and MPO Policy Board;
- Analyze available data to identify whether MPO boundaries may expand into additional counties after the 2020 census;
- Continue coordination of ongoing meetings with staff from Charlottesville, Albemarle and UVA regarding bicycle and pedestrian projects
- Participate and maintain membership with the Virginia Association of MPOs (VAMPO);
- Participate and maintain membership with the American Association of MPOs (AMPO); and,
- Hold annual joint-MPO Policy Board meeting with the Staunton-Augusta-Waynesboro MPO and propose meetings with Lynchburg MPO.
- Maintain the TJPDC's social media; and,
- Maintain the MPO Website.

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### **Task 2: Long Range Transportation Planning**

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*Total Funding:* \$342,934

*PL Funding:* \$261,338

*FTA Funding:* \$81,596

#### **A) 2050 Long Range Transportation Plan**

*PL Funding:* \$161,335

*FTA Funding:* \$33,000

The CA-MPO will begin its development of the 2050 Long Range Transportation Plan (LRTP) in FY23. CA-MPO is planning to utilize rollover funding from FY21 and FY22 to procure a

consultant to support the development of the plan. In addition, CA-MPO staff was able to successfully apply for and receive a technical assistance grant through the Office of Intermodal Planning and Investment (OIPI) to support the development of a project prioritization process to be incorporated into the plan methodology. The development of the LRTP is anticipated to take two years.

*End Products:*

- Complete the existing conditions analysis to update area demographic data, understand transportation network operations and deficiencies, and compile existing studies and plans that have been completed within the MPO region since the previous LRTP;
- Collaborate with MPO stakeholders to review existing transportation system goals/objectives/measures and revise as needed;
- Develop a public engagement strategy and process to be implemented during the plan update;
- Develop a Scope of Work for consultant support, and procure consultants;
- And continue to work with the OIPI-procured technical consultants to develop a project prioritization process to be incorporated into the project prioritization process.

**B) OneMap – Regional Bicycle and Pedestrian Infrastructure Map**

*PL Funding:* \$20,000

*FTA Funding:* \$8,108

The OneMap project is an initiative that was identified during the development of the Jefferson Area Bicycle and Pedestrian Plan adopted in 2019. The purpose of OneMap is to develop a shared naming system for bicycle and pedestrian infrastructure, agreed upon definitions, and mapping format to develop a singular regional map showing all of the bicycle and pedestrian transportation infrastructure throughout the MPO region, including infrastructure in Albemarle County, the City of Charlottesville, and UVA. Developing OneMap has been taken up by both Charlottesville and Albemarle GIS and planning staff at different points since its original conception, but has lacked dedicated resources to complete.

*End Products:*

- An assessment of data to-date that has been compiled by localities and UVA;
- The compilation of all data into a uniformed format;
- Ongoing coordination meetings to determine purpose and goals for use of OneMap information;
- Processes to regularly update the information included in OneMap; and
- The development of a strategy for sharing the OneMap information either publicly or with stakeholders for ongoing use.

**C) CA-MPO Boundary Analysis**

*PL Funding:* \$14,684

*FTA Funding:* \$7,000

The 2020 Census data necessitates a need to review the MPO boundary and determine if any adjustments need to be made based on the most recent data and potential changes in rule-making for how MPO boundaries are determined. Staff will analyze the population data to determine if activity since the previous census merits adjustments to the MPO boundaries, meet with stakeholders to determine stakeholder preferences for adjustments if merited, and provide any

needed documentation to the Governor's office for consideration.

*End Products:*

- A map of the eligible boundary area based on 2020 Census data;
- A report summarizing a request to change the MPO boundaries, if merited by a review of data;
- Updates with the MPO Committees with findings;
- Coordination meetings with stakeholders if adjustments are merited;
- Formal request for action from the Governor's Office; and
- Any revisions to policies or by-laws needed based on outcomes from the boundary analysis.

**D) Transit Governance Study**

*PL Funding:* \$0

*FTA Funding:* \$30,488

The Thomas Jefferson Planning District Commission applied for a Technical Assistance grant from the Department of Rail and Public Transportation to conduct a governance study of the regional transit system. The governance study follows the completion of the Regional Transit Vision Plan and is intended to provide recommendations on the appropriate governance structure needed to implement the recommendations identified during the visioning process.

*End Products:*

- A review of the existing transit agencies and operations that participate in the regional transit system in the Thomas Jefferson Planning District;
- A review of the existing Regional Transit Authority legislation and an analysis of its strengths and weaknesses;
- A review of funding opportunities and recommended funding scenarios to support the implementation of recommendations identified in the Regional Transit Vision Plan; and
- Alternative governance structures that could be developed to oversee the implementation of recommendations identified as part of the regional transit visioning process.

**E) On-call Services**

*PL Funding:* \$65,319

*FTA Funding:* \$3,000

MPO, VDOT, and local staff will be available to conduct transportation studies, data collection, and planning efforts as requested by our planning partners, including projects focusing on transportation system improvements to improve mobility, safety, and security for area pedestrians, bicyclists, and motorists. All studies will ensure a working partnership with the surrounding area's businesses and neighborhoods. Costs will be incurred to identify and initiate contractual arrangements. MPO staff will also undertake the development of an on-call consultant program to provide efficient access to technical consultants as needed.

- Transportation study or planning effort, as requested, that can be used as a basis for implementing short-term and long-term transportation solutions; and
- Development of desired services that an on-call consultant program can provide; and
- A contract or contracts with consultant(s) procured to provide on-call services to the MPO, TJPDC, and/or partner localities.

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**Task 3: Short Range Planning**

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*Total Funding:* \$98,926

*PL Funding:* \$49,000

*FTA Funding:* \$49,926

**A) Transportation Improvement Program (TIP)**

*PL Funding:* \$18,000

*FTA Funding:* \$7,000

There are a number of federal-aid highway programs (i.e. administered by FHWA) which, in order to be eligible for use by the implementing agency, must be programmed in the TIP. Similarly, there are funds available under federal-aid transit programs (i.e. administered by FTA) which, in order to be used, must also be programmed in the TIP. In fact, any federally-funded transportation projects within the MPO must be included in the TIP, including transit agency projects. Project descriptions include: implementing agency; location/service area; cost estimates; funding sources; funding amounts actual or scheduled for allocation; type of improvement, and; other information, including a required overall financial plan.

The TIP is updated every three years, and this fiscal year, MPO staff will need to prepare the FY24-FY27 TIP to be adopted by the Policy Board in FY23.

*End Products:*

- Process the Annual Obligation Report;
- Process TIP amendments and adjustments;
- Monitor the TIP as necessary, ensuring compliance with federal planning regulations; and
- Prepare the FY24-FY27 TIP for adoption by the Policy Board.

**B) SMART SCALE Planning and Support**

*PL Funding:* \$15,000

*FTA Funding:* \$12,000

MPO staff will continue to work with VDOT, DRPT, City and County staff to identify appropriate funding sources for regional priority projects. In FY22, MPO staff conducted robust stakeholder and public engagement on one SMART SCALE project that was identified by the MPO Policy Board and prepared pre-applications for projects to be submitted in SMART SCALE Round 5. In FY23, staff will develop final applications for the MPO and TJPDC projects within the MPO region.

*End Products:*

- Gather information needed for SMART SCALE final applications;
- Coordinate sharing of economic development, and other relevant information, between the localities in support of SMART SCALE applications;
- Submit final funding applications;
- Review performance of applications submitted in Round 5 and review projects for consideration in Round 6; and
- Attend the Quarterly Transportation Meetings hosted by OIPI to ensure that MPO and locality staff have appropriate information about all funding programs.

### **C) Travel Demand Management (TDM), Regional Transit Partnership (RTP), and Bike/Ped Support**

*PL Funding:* \$4,000

*FTA Funding:* \$8,500

The RideShare program, housed by the TJPDC, is an essential program of the MPO's planning process. The RTP has been established to provide a venue for continued communication, coordination, and collaboration between transit providers, localities and citizens. These programs, along with continued support for bike and pedestrian travel, support regional TDM efforts. TDM has been, and will continue to be, included in the long-range transportation planning process.

#### *End Products:*

- Continue efforts to improve carpooling and alternative modes of transportation in MPO;
- Staff Regional Transit Partnership meetings;
- Address immediate transit coordination needs;
- Formalize transit agreements;
- Improve communication between transit providers, localities and stakeholders;
- Explore shared facilities and operations for transit providers;
- Provide continued support to coordinating bike/ped planning activities between the City of Charlottesville, Albemarle County, UVA and with the rural localities;
- Continue to assess the need for a Regional Transit Authority; and
- Per the Strategic Plan, integrate TDM into all MPO recommendations and projects.

### **D) Performance Targets**

*PL Funding:* \$2,000

*FTA Funding:* \$1,000

MPOs are asked to participate in the federal Transportation Performance Management process by coordinating with the state to set targets for their regions based on the state targets and trend data provided by the state. The CA-MPO will need to set and document the regional safety and performance targets adopted.

#### *End Products:*

- Prepare workbook and background materials for MPO committees and Policy Board to review;
- Facilitate discussion of performance targets with the MPO committees and Policy Board;
- Complete all documentation notifying the state of the adopted safety and performance targets; and
- Update the TIP when the FY23 safety and performance targets are adopted.

### **E) Regional Transit and Rail Planning**

*PL Funding:* \$0

*FTA Funding:* \$5,000

MPO, VDOT, and local staff will be available to conduct transportation studies and planning efforts as requested by our planning partners, including projects focusing on transportation

system improvements to improve mobility, safety, and security for area pedestrians, bicyclists, and motorists. All studies will ensure a working partnership with the surrounding area's businesses and neighborhoods. Costs will be incurred to identify and initiate contractual arrangements.

*End Products:*

- Provide technical support and staffing to ensure the successful completion of two grants awarded by DRPT: the completion of the Regional Transit Visioning Plan and the Regional Transit Governance Study, if awarded; and
- Prepare and submit planning and implementation grant applications for transit and rail projects as opportunities are identified.

**F) CTAC, Public Participation, and Title VI**

*PL Funding:* \$10,000

*FTA Funding:* \$16,426

TJPD staff will participate in and help develop community events and educational forums such as workshops, neighborhood meetings, local media, and the MPO web page. Staff will also participate in and act upon training efforts to improve outreach to underserved communities, such as low-income households, people with disabilities, minority groups, and limited English-speaking populations, including maintenance and implementation of the agency Title VI Plan. The TJPD will continue to staff the Citizens Transportation Advisory Committee, which is an important conduit for receiving feedback and input on the efficacy of public outreach and engagement efforts.

*End Products:*

- Utilize a broad range of public engagement strategies to disseminate information on transportation planning efforts and processes;
- Develop programs to better inform the public about transportation planning and project development;
- Demonstrate responsiveness to public input received during transportation planning processes;
- Review Title VI/Environmental Justice Plan as needed;
- Review Public Participation Plan as needed;
- Implement processes in compliance with Title VI Plan, Environmental Justice Plan, and Public Participation Plan;
- Review information on website for accessibility and understandability;
- Continue to investigate methods to increase participation from historically underserved communities;
- Provide proper and adequate notice of public participation activities; and
- Provide reasonable access to information about transportation issues and processes in paper and electronic media.

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**Task 4: Contracted Projects and Studies**

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**A) Coordinate and support the following projects:**

- If awarded, coordinate, manage, and implement the Regional Transit Governance Study for the CAMPO and TJPDC region.
- Coordinate, manage, and implement the completion of the Regional Transit Visioning Plan for the CAMPO and TJPDC region, which will be completed early in FY 23.

**B) Explore opportunities for contracted project and studies.**

Topical areas may include:

- Environmental impacts of the local transportation system and mitigation strategies.
- Improving coordination with locality staff and elected officials.
- Implementing recommendations from the Albemarle Service Expansion Feasibility Study.



## CA-MPO in FY23

Along with ongoing, required MPO tasks, staff anticipates work on the following efforts, some of which will carry-over from FY22.

### **SMART SCALE**

- Explore ways to improve the success of funding for projects
- Strengthen applications submitted in Round 5 for final submission
- Monitor any changes and updates to the SMART SCALE process
- Integrate any changes in State process into MPO and local projects to strengthen funding applications

### **LRTP 2045**

- Conduct annual review of Plan and performance targets as set forth in MAP-21
- Continue to coordinate procedures and efforts with neighboring MPOs

### **MPO Boundary Adjustment**

- Follow outcomes from the 2020 Census and prepare for discussions regarding adjustments to the CA-MPO boundaries.

### **Other Studies**

- Assess connections with other regions and MPOs
- Continue evaluation of the region's transit network and participate in creation of the transit strategic plan

## Public Participation Process

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### Review and Approval of Tasks

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MPO Policy Board:

- Initial Draft provided March 24<sup>th</sup>, 2022
  - Final Approval May 25<sup>th</sup>, 2022
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### Online Posting

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Posted as part of MPO meeting agenda for March 24<sup>th</sup>, 2022

Posted on TJPDC.org: May 2<sup>nd</sup>, 2022 for 15 day public comment period

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### State Review

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Draft submittal for VDOT review/comment: March 7th, 2022

Draft submittal for DRPT review/comment: March 7th, 2022

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### Review of Final FY23 UPWP

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MPO Technical Committee: May 17<sup>th</sup>, 2022

Citizen Transportation Advisory Committee (CTAC): May 18<sup>th</sup>, 2022

MPO Policy Board: May 25<sup>h</sup>, 2022

## Glossary of Acronyms

The following transportation-related acronyms are used in this document:

3-C Planning Process	Federal Planning Process which ensures that transportation planning is continuing, comprehensive, and coordinated in the way it is conducted
AADT	Annual Average Daily Traffic
BRT	Bus Rapid Transit
CAT	Charlottesville Area Transit
CTAC	Citizens Transportation Advisory Committee
CTB	Commonwealth Transportation Board
DRPT	Virginia Department of Rail and Public Transportation
EV	Electric Vehicle
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year (refers to the state fiscal year July 1 – June 30)
GIS	Geographic Information System
JAUNT	Regional transit service provider to Charlottesville City, and Albemarle, Fluvanna, Louisa, Nelson, Buckingham, Greene and Orange Counties
L RTP	Long Range Transportation Plan
MAP-21	Moving Ahead for Progress in the 21 <sup>st</sup> Century (legislation governing the metropolitan planning process)
MPO	Metropolitan Planning Organization
NHS	National Highway System
PL	FHWA Planning Funding (used by MPO)
RideShare	Travel Demand Management (TDM) services housed at TJPDC that promote congestion relief and air quality improvement through carpool matching, vanpool formation, Guaranteed Ride Home, employer outreach, telework consulting and multimedia marketing programs for the City of Charlottesville, and Albemarle, Fluvanna, Louisa, Nelson, and Greene Counties.
RLRP	Rural Long Range Transportation Plan
RTA	Regional Transit Authority
RTP	Rural Transportation Program
SAFETEA-LU	Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (legislation that formerly governed the metropolitan planning process)
SOV	Single Occupant Vehicle
SPR	FHWA State Planning and Research Funding (used by VDOT to support MPO)
SYIP	Six Year Improvement Plan
TAZ	Traffic Analysis Zone
TDP	Transit Development Plan (for CAT and JAUNT)
TDM	Travel Demand Management
TIP	Transportation Improvement Program
TJPDC	Thomas Jefferson Planning District Commission

FY23 Unified Planning Work Program - Draft

TMPD	VDOT Transportation and Mobility Planning Division
UPWP	Unified Planning Work Program (also referred to as Work Program)
UTS	University Transit Service
UVA	University of Virginia
VDOT	Virginia Department of Transportation
VMT	Vehicle Miles Traveled
Work Program	Unified Planning Work Program (also referred to as UPWP)

## Appendix

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**Attachment A: Tasks Performed by VDOT**

**Attachment B: Memorandum of Understanding (2019)**

**Attachment C: FTA Section 5303/PL Funding Breakdown**

**Attachment D: Resolution**

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## Charlottesville-Albemarle Metropolitan Planning Organization

POB 1505, 401 E. Water Street, Charlottesville, VA 22902 [www.tjpd.org](http://www.tjpd.org)

(434) 979-7310 phone • [info@tjpd.org](mailto:info@tjpd.org) email

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### **Resolution of Approval for an Amendment to the CA-MPO's Fiscal Year 2023 Unified Planning Work Program (UPWP)**

WHEREAS, The Unified Planning Work Program (UPWP) provides a mechanism for coordinating transportation planning activities in the region, and is required as a basis and condition for all federal funding assistance for transportation planning by the joint metropolitan planning regulations of the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA); and

WHEREAS, the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) provides a forum for conducting a continuing, comprehensive, and coordinated (3-C) transportation decision-making process among the City of Charlottesville, County of Albemarle, UVA, Jaunt, CAT, DRPT and VDOT officials; and

WHEREAS, the UPWP identifies all activities to be undertaken in the CA-MPO area for fiscal year 2023; and

WHEREAS, the MPO Policy Board approved the original Fiscal Year 2023 UPWP on May 25, 2022; and

WHEREAS, final PL funding allocations exceeded the estimated amount used to prepare the original Fiscal Year 2023 UPWP by an amount of \$47,319; and

WHEREAS, the additional PL funding has been added to the line item for on-call services in the amended Fiscal Year 2023 UPWP; and

WHEREAS, the actual amount of rollover funding from the FTA Fiscal Year 2022 was reduced from the estimated amount by \$1,174; and

WHEREAS, the MPO Technical Committee reviewed the amendments to the Fiscal Year 2023 UPWP at their regular meeting, on September 20<sup>th</sup>, 2022; and

WHEREAS, staff from the Virginia Department of Transportation (VDOT) and Department of Rail and Public Transportation (DRPT) reviewed the amendments to the Fiscal Year 2023 UPWP;

NOW, THEREFORE BE IT RESOLVED that the Charlottesville-Albemarle Metropolitan Planning Organization approves the amendments to the Fiscal Year 2023 Unified Planning Work Program and associated budget.

Adopted this 28<sup>th</sup> day of September, 2022 by the Policy Board of the Charlottesville-Albemarle Metropolitan Planning Organization.

ATTESTED:

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Ned Gallaway, Chair  
Charlottesville-Albemarle MPO Policy Board

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Date





