

AGENDA

For Remote Participation in Compliance with Adopted Remote Meeting Policy, Guest Speakers, and Members of Public

Join Zoom Meeting

<https://us02web.zoom.us/j/82871359491>

Meeting ID: 828 7135 9491

Item	Description	Time
1	*Call to Order and Attendance – Gorjan Gjorgjievski a. *Remote participation of voting members.	10:00 – 10:05
2	Matters from the Public – Ben Chambers, Chair Members of the public are welcome to provide comment on any public-interest, transportation-related topic, including items listed on this agenda – <i>(limit three minutes per speaker)</i>	10:05 – 10:10
3	*General Administration – Ben Chambers, Chair a. *Review and Acceptance of Agenda b. *Approval of June 17, 2025, Meeting Minutes c. *Re-election of Officers: Ben Chambers, Chair Alberic Karina-Plun, Vice Chair	10:10 – 10:20
4	Informational a. Remote Electronic Participation and All-Virtual Meeting Policy – <i>Gorjan Gjorgjievski</i> i. Electronic Meetings Policy	10:25 – 10:30
5	**New Business a. **Travel Demand Management Study – <i>Taylor Jenkins</i> i. Updated Scope of Work ii. Presentation iii. Staff Memo b. **Travel Demand Model – <i>Nagaraju Kashayi – AECOM</i> i. Presentation ii. Staff Memo	10:30 – 10:50 10:45 – 11:10
6	Staff Updates a. Safe Streets and Roads for All (SS4A) – <i>Gorjan Gjorgjievski</i> i. Move Safely Blue Ridge – Final Plan ii. FY25 SS4A Grant Application b. CA-MPO and SAW-MPO Joint Meeting Planning – <i>Taylor Jenkins</i> c. RAISE/BUILD Grant Application Update – <i>Taylor Jenkins</i> d. Next Meeting Date – October 7, 2025 @10:00am-12:00pm	11:10 – 11:20
7	VDOT Project Updates – Charles Proctor a. STARS and Pipeline Studies b. SMART SCALE	11:20 – 11:45

8	Roundtable Updates - City of Charlottesville - Albemarle County - RideShare - Virginia Department of Transportation (VDOT) - Department of Rail and Public Transportation (DRPT) - Federal Highway Administration (FHWA) - Federal Transit Administration (FTA) - Charlottesville Area Transit (CAT) - Jaunt - University of Virginia (UVA)	11:45 – 11:55
9	Additional Matters from the Public Members of the public are welcome to provide comment on any public-interest, transportation-related topic, including items listed on this agenda – limit three minutes per speaker	11:55 – 12:00
10	Adjourn	12:00 pm

(*) A vote is required for this item (**) A recommendation to the MPO Policy Board is expected for this item

VOTING MEMBERS (13) & ALTERNATES (4)	STAFF (7)
Ben Chambers, City of Charlottesville (Chair)	Christine Jacobs, TJPDC
Kellie Brown, City of Charlottesville	Taylor Jenkins, TJPDC
Tommy Safranek, City of Charlottesville (Alternate)	Lucinda Shannon, TJPDC
Rory Stolzenberg, Charlottesville Planning Commission	Gretchen Thomas, TJPDC
Tonya Swartzendruber, Albemarle	Ruth Emerick, TJPDC
Alberic Karina-Plun, Albemarle (Vice Chair)	Sarah Simba, TJPDC
Lonnie Murray, Albemarle Planning Commission	Gorjan Gjorgjievski, TJPDC
Charles Proctor, VDOT	Logan Ende, TJPDC
Sandy Shackelford, VDOT (Alternate)	NON-VOTING MEMBERS (3)
Christine Jacobs, TJPDC	Daniel Koenig, FTA
Sarah Simba, TJPDC (Alternate)	Stephen Minor, FHWA
Jason Espie, Jaunt	Donna Chen, CTAC Liaison
Bill Palmer, UVA, Office of the Architect	
Mitch Huber, DRPT	
Wood Hudson, DRPT (Alternate)	
Sara Pennington, Rideshare	GUESTS/PUBLIC
Garland Williams, Charlottesville Area Transit	

TJPDC fully complies with Title VI of the Civil Rights Act of 1964 in all programs and activities. TJPDC provides reasonable accommodations for persons who require special assistance to participate in public involvement opportunities. For more information, to request translation services or other accommodations, or to obtain a Discrimination Complaint Form, contact (434) 979-7310 or www.tjpd.org.

MPO Technical Committee Meeting

Draft Minutes, June 17, 2025

A recording of this morning can be found here:

<https://www.youtube.com/watch?v=T9IqbTeM79o>

VOTING MEMBERS & ALTERNATES		STAFF	
Ben Chambers, Charlottesville	x	Gretchen Thomas, TJPDC	x
Rory Stolzenberg, Cville PC	x	Sarah Simba, TJPDC	x
Tonya Swartzendruber, Albemarle	x	Gorjan Gjorgjievski, TJPDC	x
Alberic Karina-Plun, Albemarle	x	Lucinda Shannon, TJPDC	x
Lonnie Murray, Albemarle PC	x	Taylor Jenkins, TJPDC	x
Charles Proctor, VDOT *	x	NON-VOTING MEMBERS	
Christine Jacobs, TJPDC		Daniel Keoning, FTA	
Jason Espie, Jaunt	x	Donna Chen, CTAC Liaison	
Bill Palmer, UVA Ofc of Architect	x		
Mitch Huber, DRPT *	x	GUESTS/PUBLIC	
Sara Pennington, Rideshare	x	Sean Tubbs *	x
Steven Minor, FHWA		Danielle McCray *	x
Tommy Safranek, Charlottesville	x		
Garland Williams, CAT	x		
Sandy Shackelford, VDOT	x		
Kellie Brown, Charlottesville			
Wood Hudson, DRPT			

* attended online via Zoom

1. **CALL TO ORDER:**

Ben Chambers called the meeting to order at 10:10 a.m.

Gorjan Gjorgjievski called roll.

Mitch Huber stated that he is outside of the 60 miles radius from the meeting and is joining virtually.

2. **MATTERS FROM THE PUBLIC (MINUTE 1:37)**

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

3. **GENERAL ADMINISTRATION (MINUTE 1:42)**

Agenda

Motion/Action: Alberic Karina-Plun made a motion to accept the agenda. Tommy Safranek seconded, and the motion passed unanimously.



City of Charlottesville

Albemarle County

Fluvanna County

Greene County

Louisa County

Nelson County

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Telephone (434) 979-7310 • Fax (434) 979 1597 • Virginia Relay Users: 711 (TDD) • email: info@tjpc.org • web: www.tjpc.org

8/5/2025

Approval of April 15, 2025 Minutes

Motion/Action: Tommy Safranek made a motion to approve the minutes, Alberic Karina-Plun seconded the motion, and the motion passed unanimously.

4. FY26 CA-MPO TECH OFFICERS (MINUTE 2:13)

Mr. Gjorgjievski read the bylaws regarding the election of officers. He asked if any new members would like to volunteer to take on the role of Chair or Vice Chair.

Alberic Karina-Plun volunteered to keep his position as Vice Chair and Ben Chambers volunteered to keep his position as Chair. There were no other volunteers.

5. TIP AMENDMENT/ADJUSTMENT (MINUTE 4:00)

Gorjan Gjorgjievski explained the adjustments to the TIP, which needs no action. He noted that Item 12, the amendment, needs action from the committee. That item regards additional funding from DRPT that will support the PATH program.

Motion/Action: Jason Espie made a motion to recommend the amendment to the Policy Board. Tommy Safranek seconded, and the motion passed unanimously.

4. NEW BUSINESS (MINUTE 7:21)

FY26 Transportation Demand Management (TDM) Study

Taylor Jenkins gave a background on the TDM and provided similar study examples for the scope the TJPDC staff is crafting.

She reviewed the tasks involved with crafting the scope of work including reviewing similar studies, Origin-Destination Analysis, mode shift potential & strategies, and public engagement.

Lonnie Murray said it will be important to get info from running, cycling, and walking groups about safety concerns along the roads. Using exercise data helps to reduce trips because of the reduced number of trips to doctors and pharmacies.

Ben Chambers said it would be good to get Strava data for bike/ped info and will be important to talk with local corporations and organizations about where their employees are commuting from.

Sandy Shackelford said there is a resource called the Accessibility Observatory at the University of Minnesota to measure the bike/ped network to see if it is aligning with the level of travel stress. It provides nationwide access data by mode of transportation.

Mitch Huber said there is something called "Vision Eval," through John Miller in the VDOT office, is quickly able to develop scenarios. He noted that Strava data may also be an option to supplement StreetLight data for walkability data. He said that David Cook, VDOT, has mentioned that folks can lease out VDOT's pedestrian counters if looking to do model development. He also said that getting a land-use overly or getting a walkability propensity score based on mixes of uses. It measures levels of interest as well as levels of stress.

Jason Espie shared information on the difference between "level of stress" and "level of service."

Sandy Shackelford said the VTRANS website has a lot of valuable metric and data available.

There was a discussion about shoulders, margins, and curviness of the roads as safety risks.

Bill Palmer said UVA may have useful information through the programs they have already created.

Mr. Huber said looking at operational delay data from CAT may be useful information to help identify potential transit corridors or transit priority projects. He also said the Virginia Walkability Action Institute (VWAI), through the Department of Health, has good community capacity building resources and examples of low-cost, high-impact projects they helped fund across the state.

Tommy Safranik suggested StreetLight's Mobility Program to get raw data instead of data that has been "analyzed."

Tonya Schwartzendruber suggested getting data from micro-transit service.

There was an extended conversation about how to gather additional data and how to get data that is already collected and analyzed.

Charlottesville Area Transit FTA Low/No Emission Project (Minute 39:25)

Garland Williams said the No/Low program has been around since 2016 and funding has been increasing. This is the last year of five-year funding approved in 2021, but it is unsure whether it will be funded with the new administration. He said it is important to take advantage while there is still funding.

He reviewed the capital spending projects they are considering. There is consideration for infrastructure on their current property. He said they are looking to upgrade their maintenance facility and shared the conceptual site plan for those battery/electric buses (BEB) and for the hydrogen vehicles.

He reported that the Phase I (Maintenance facility) will cost approximately \$37 million., but there are additional costs factored in considering it will not be done for about two years. He gave a list of assumptions and a projected cost summary.

He said that CAT would like to be zero emissions by 2050.

He continued by reviewing the schedule and the costs for the three different phases, according to Kimley-Horn.

He said when the group went to Champaign-Urbana they are transitioning their fleet from hybrid to 100% hydrogen model. The trip helped teach what facilities would be needed to do this type of transition. He said there will be a pilot starting in the City in FY28.

He said CAT is in the middle of writing a grant for funding for these capital improvements.

He continued by saying that CAT has a current infrastructure focus that includes their National Environmental Policy Act (NEPA) for full ZEB implementation, and Battery Electric Bus Pilot charging infrastructure.

Regarding the NEPA focus, Mr. Williams said the target for CAT's submission to DRPT/FTA is by Thanksgiving 2025. He said their goal is to go through the NEPA process and get assigned "Categorical Exclusion (CE)".

He said CAT was awarded two BEBs from the state, but the infrastructure needs to be in place to charge them.

Motion/Action: Alberic Karina-Plun made a motion to recommend to the Policy Board the application for No/Lo funding for CAT. Lonnie Murray seconded, and the motion passed unanimously.

5. STAFF UPDATES (MINUTE 1:12:25)

Safe Streets and Roads for All (SS4A) (Move Safely Blue Ridge)

Gorjan Gjorgjievski gave a background on SS4A. He noted that both Albemarle and the City have committed to the SS4A recommendations. He acknowledged the work and efforts of the working group from TJPDC, member jurisdictions, and VDOT.

He reviewed the planning process and noted that the Safety Action Plan is now complete and covered the methodology used in the study. He noted that public engagement was key for the study. There were three rounds of engagement. He said there were several proposed solutions including spot improvements by jurisdiction, systemic improvements, and policies and programs.

He noted that the next steps include funding opportunities and monitoring. Additional information can be found on the Move Safely Blue Ridge website.

FY26 UPWP Updated Allocations

Taylor Jenkins said the anticipated budget revisions are now in the updated UPWP, with a request for a small increase. It has already been approved by the Policy Board and there is no action or motion necessary.

6. MEETING SCHEDULE (MINUTE 1:21:36)

Taylor Jenkins presented the committee with a proposed schedule of meeting dates for the next fiscal year – included in the packet. She said the meetings will be the first Tuesday of every other month at the same time and place (10 a.m. at the Water Street Center in Charlottesville) instead of the third Tuesday of the month to avoid conflict with the CTB meetings. That means the next meeting would be on August 5. She continued with the other dates proposed.

The general consensus was to accept the change in the schedule and Ms. Jenkins said she would get calendar hold invitations out to the group.

7. VDOT PROJECT UPDATES (MINUTE

Chuck Proctor said VDOT is currently reviewing the public comments for the pipeline studies. They are developing Phase Two scopes and are hoping to have reports wrapped up for existing conditions.

For the STARS studies, he said VDOT had their field visits, and a public survey with over 2,000 responses. The responses are being compiled into a report in addition to the existing conditions report. He noted that the documents will be reviewed when ready. The City project is the one that is further along.

Mr. Proctor said VDOT is finalizing the alternatives so it can be brought back to the public for a second round of feedback. They are trying to get everything wrapped up November for the preferred alternatives. The second phase takes the longest and he is hoping to get those underway soon.

He reminded everyone that Smart Scale Round 7 will be rolling out late summer or into fall.

7. ROUNDTABLE UPDATES (MINUTE 1:29:53)

Charlottesville

Ben Chambers said staff will be updating City Council soon on what they have been doing.

Mr. Safranek said Bike Month went well and said he would like to have a follow up meeting to debrief and gather ideas for next year. He said the eBike subsidy program is working well. He noted that there is a new video on the eBike program on the Cville Youtube channel noting that there will be more stories collected and posted later.

He continued saying that the neighborhood walks are going well and reported that next month's walk will be on Ridge Street. He said to meet at Ix Park to explore some of the quick builds project in the City.

Albemarle

Tonya Swartzendruber said they are moving forward on their comp plan. She said staff got favorable responses on the transportation chapter. She said they also applied for two grants in revenue sharing pre-app portal. The project's they are applying for are improvements on Hydraulic between Lambs Road and Georgetown Road, and also final funding for the Berkmar Shared Use path.

Rideshare

Sara Pennington said Rideshare did their second annual bike business challenge. She reported that 10 organizations participated and there was an increase in individual participation. She said Bike Month was successful.

Ms. Pennington said in FY26, Rideshare will be integrating Guaranteed Ride Home with their Agile Mile database. She said she is looking forward to putting the Business Challenge through Agile Mile in the future.

VDOT

Ms. Shackelford said the CTB meeting is on June 24. She also said there is now a pedestrian bridge over Route 29 at Zan Road near Stonefield.

DRPT

Mitch Huber said there is a revised Master Agreement with the Commonwealth Transportation Funds which are due to them no later than June 20 from the MPOs. He said the upcoming CTB meeting is interactive on their website.

Mr. Huber said DRPT is hosting two more National Transit Institute (NTI) offerings. These are free for MPO and government registrants. He also said there a state and metropolitan transportation planning in September 15 - 16 – also free to MPO and government staff.

He noted that there is an RFP out for potential operators for the Virginia Breeze.

FHWA

There was no report.

FTA

There was no report.

CAT

Garland Williams said there is a new bus shelter now in place in Belmont. He said the next project is Midway Manor. He noted that CAT underestimated how much they would cost when they first began.

Jaunt

Jason Espie said Jaunt is looking forward to hearing about grant awards for software upgrade. They are in the middle of conducting a survey, through July 2. He can give presentations on the results at future meetings.

UVA

Bill Palmer said McCormick Road has some closures while they upgrade the triangle. Hereford Drive is closed for the summer as part of an upgrade to some piping.

He said there are some smaller electric buses that are in the fleet and UTS is figuring out how to include them in their operations. He said there are full-size buses coming in the near future.

He also reported that the pedestrian athletic promenade is complete.

8. ADDITIONAL MATTERS FROM THE PUBLIC (MINUTE 1:47:45)

None.

ADJOURNMENT: Mr. Chambers adjourned the meeting at 11:49 a.m.

REMOTE ELECTRONIC PARTICIPATION and ALL-VIRTUAL MEETING POLICY

This policy has two purposes. The first is to provide for the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) to permit a member to participate in a CA-MPO meeting through electronic communication means from a remote location, and the second is to allow the CA-MPO to conduct all-virtual meetings, in the manner allowed by the Virginia Freedom of Information Act (FOIA) and as set out in this policy.

POLICY:

It is the policy of Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) that individual members of the CA-MPO may participate in CA-MPO meetings by electronic communication as permitted by subsection B of § 2.2-3708.3 of the *Code of Virginia*. This policy shall apply to the entire membership without regard to the identity of the member requesting remote participation or the matters that will be considered or voted on at the meeting.

In order for an individual member to participate from a remote location as authorized by § 2.2-3708.3 B, a quorum of the CA-MPO must be physically assembled at the primary or central meeting location. When such individual participation is due to a personal matter, set out in section A.4, below, such participation is limited to two meetings per calendar year or 25 percent of the meetings held per calendar year, rounded up to the next whole number, whichever is greater.

Further, it is the policy of the CA-MPO that the CA-MPO may hold all-virtual public meetings pursuant to subsection C of § 2.2-3708.3 of the *Code of Virginia*. Such all-virtual public meetings are limited to two meetings per calendar year or 50 percent of the meetings held per calendar year, rounded up to the next whole number, whichever is greater. An all-virtual public meeting may not be held consecutively with another all-virtual public meeting.

This policy shall apply to the CA-MPO and to all committees created by or under the authority of the CA-MPO.

REMOTE ELECTRONIC PARTICIPATION BY CA-MPO MEMBERS:

"Remote participation" means participation by an individual member of a public body by electronic communication means in a public meeting where a quorum of the public body is otherwise physically assembled.

"Electronic communication" means the use of technology having electrical, digital, magnetic, wireless, optical, electromagnetic, or similar capabilities to transmit or receive information.

A. Notification of Inability to Attend Because of Disability, Medical Condition, Location or Personal Matter

In advance of the meeting at which remote participation is requested, the member shall notify the Chair or staff committee lead that he or she is unable to attend the meeting

- 1) due to a temporary or permanent disability or other medical condition that prevents the member's physical attendance;
- 2) because a family member's medical condition requires the member to provide care for such family member;
- 3) because such member's principal residence is more than 60 miles from the meeting location identified in the required notice for such meeting; or
- 4) due to a personal matter. The member must identify with specificity the nature of the personal matter and may not use remote participation due to personal matters more than two meetings per calendar year, or 25 percent of the meetings held per calendar year rounded up to the next whole number, whichever is greater.

B. Quorum Physically Assembled; Approval of Remote Electronic Participation

A quorum of the CA-MPO must be physically assembled at the primary or central meeting location. The members of the CA-MPO present must approve of the remote electronic participation in order for the member to participate remotely; however, the decision shall be based solely on the criteria in Section A, without regard to the identity of the member or items that will be considered or voted on during the meeting.

C. Record of Action

The CA-MPO shall record in its minutes the remote location from which a member participated. The minutes also shall reflect the specific nature of the personal matter; the disability or medical condition; the fact that a family member's medical condition that required the member to provide care for such family member, thereby preventing their physical attendance; or that that such member's principal residence is more than 60 miles from the meeting location identified in the required notice for such meeting. If the absent member's remote participation is disapproved because participation would violate this policy, the disapproval shall be recorded in the CA-MPO's minutes with specificity.

ALL-VIRTUAL MEETINGS:

"All-virtual public meeting" means a public meeting (i) conducted by the CA-MPO or its committees (hereinafter public body) using electronic communication means, (ii) during which all members of the public body who

participate do so remotely rather than being assembled in one physical location, and (iii) to which public access is provided through electronic communication means.

When holding an all-virtual public meeting, the CA-MPO or committee shall follow the requirements of this policy, other meeting requirements under FOIA, and the following statutory requirements:

- 1) An indication of whether the meeting will be an in-person or all-virtual public meeting is included in the required meeting notice along with a statement notifying the public that the method by which a public body chooses to meet shall not be changed unless the public body provides a new meeting notice in accordance with the provisions of § 2.2-3707;
- 2) Public access to the all-virtual public meeting is provided via electronic communication means;
- 3) The electronic communication means used allows the public to hear all members of the public body participating in the all-virtual public meeting and, when audio-visual technology is available, to see the members of the public body as well. When any member of the CA-MPO or any of its committees has audio-visual technology available, and electronic communication is being used to establish a quorum, that member shall be considered absent from any portion of a meeting during which visual communication with the member is voluntarily disconnected or otherwise fails or during which audio communication involuntarily fails;
- 4) A phone number or other live contact information is provided to alert the public body if the audio or video transmission of the meeting provided by the public body fails, the public body monitors such designated means of communication during the meeting, and the public body takes a recess until public access is restored if the transmission fails for the public;
- 5) A copy of the proposed agenda and all agenda packets and, unless exempt, all materials furnished to members of a public body for a meeting is made available to the public in electronic format at the same time that such materials are provided to members of the public body;
- 6) The public is afforded the opportunity to comment through electronic means, including by way of written comments, at those public meetings when public comment is customarily received;
- 7) No more than two members of the public body are together in any one remote location unless that remote location is open to the public to physically access it;
- 8) If a closed session is held during an all-virtual public meeting, transmission of the meeting to the public resumes before the public body votes to certify the closed meeting as required by subsection D of § 2.2-3712;

9) The public body does not convene an all-virtual public meeting (i) more than two times per calendar year or 50 percent of the meetings held per calendar year rounded up to the next whole number, whichever is greater, or (ii) consecutively with another all-virtual public meeting; and

10) Minutes of all-virtual public meetings held by electronic communication means are taken as required by § 2.2-3707 and include the fact that the meeting was held by electronic communication means and the type of electronic communication means by which the meeting was held. If a member's participation from a remote location pursuant to this subsection is disapproved because such participation would violate the policy adopted pursuant to subsection D, such disapproval shall be recorded in the minutes with specificity.

The policy replaces the Remote Electronic Participation and All-Virtual Meeting Policy adopted on September 28, 2022. Updates to and readoption of this policy shall occur at least once annually.

Transportation Demand Management Study Scope of Work

Purpose

Through the development of the 2050 Long Range Transportation Plan, the Charlottesville-Albemarle MPO (CA-MPO) identified the need to complete a comprehensive travel demand management (TDM) study to identify long-term initiatives to reduce vehicle miles traveled (VMT) within the MPO area, support sustainable transportation options, and improve mobility. The study seeks to achieve the following goals:

- Understand existing travel patterns and opportunities to reduce VMT and increase trips made by walking, biking, and using transit
- Enhance connections between transit, active transportation networks, and park-and-ride facilities

Task 1: Existing Conditions

CA-MPO staff will conduct a review of relevant planning documents from each jurisdiction, including but not limited to:

- Comprehensive Plans
- Bicycle and Pedestrian Plans
- Transit Development Plans
- Parking Studies

Reviewing previously completed plans will help identify planned improvements, land use planning context, and opportunities for alignment with study recommendations. Staff will also establish a vehicle miles traveled (VMT) baseline in this task that will be used as the foundation for creating VMT reduction goals.

Task 1 Deliverables:

- Previous Plan Review memo summarizing existing studies and applicable findings
- Baseline VMT for the CA-MPO region

Estimated Completion Date: October 2025

Task 2: Origin-Destination Analysis

CA-MPO staff will begin this task by identifying major trip generators and destinations, including but not limited to:

- Large employers and employment centers
- Medical facilities
- Educational facilities
- Recreational destinations
- Commercial retail destinations

Using data sources such as StreetLight, INRIX, and Strava Metro, CA-MPO staff will conduct an origin-destination analysis to understand travel coming in and out of the MPO area and traveling within the MPO area. Trips will be identified by existing mode (i.e., auto, transit, bike) and trip length. CA-MPO staff will

work to validate findings through outreach, including connecting with local cycling and running clubs, the University of Virginia (UVA) Parking and Transportation, and member jurisdiction staff.

Other potential sources of information to inform the origin-destination analysis include insights from UVA's Wahoo Commutes program, the VEO dockless mobility program, and MicroCAT services.

Task 2 Deliverable:

- Origin-Destination Analysis Technical Memo

Estimated Completion Date: December 2025 / January 2026

Task 3: Mode Shift Potential and Strategies

Using results from the origin-destination analysis, CA-MPO staff will assess the potential for shifting trips from auto to non-auto trips. This task will consider characteristics such as trip length, existing infrastructure (i.e., bike lanes, sidewalk, transit services), and network connectivity to identify the feasibility of mode shift and gaps in infrastructure where opportunities where future investments would be most impactful. Mode shift strategies will also include those that may be policy-related, such as employer commuting programs, land use considerations, and parking policies.

As part of this task, CA-MPO staff will also inventory public parking facilities within the MPO area to identify existing parking capacity, utilization rates (where available), and connectivity to transit. Parking facilities will include public surface parking, parking decks, and park-and-ride lots.

Task 3 Deliverables:

- Identification of mode shift potential
- Draft recommended improvements and strategies to encourage mode shift

Estimated Completion Date: April 2026

Task 4: Outreach and Engagement

Two primary opportunities for engagement will occur during the study:

- Validation of existing conditions observations and gathering additional insights
- A survey obtaining input on the prioritization of recommendations

Opportunities for more targeted outreach throughout the study include bicycling and running clubs, Charlottesville City Schools, Albemarle County Public Schools, and housing-focused groups (Charlottesville Redevelopment and Housing Authority, Public Housing Association of Residents, Piedmont Housing Alliance, etc.).

To ensure proposed strategies align with community priorities, a short survey will be conducted to obtain public input on recommended improvements and strategies and identify opportunities that are highest priority. Input will be used to refine recommendations.

Task 4 Deliverables:

- Summary of public input
- Refined recommendations and strategies

Estimated Completion Date: May 2026

Task 5: Final Report

CA-MPO staff will prepare the final report. Findings and recommendations from this study will help inform future investments for infrastructure and services that can encourage shifts in travel behavior and address gaps in the regional transportation network.

Task 5 Deliverable:

- Final Report

Estimated Completion Date: June 2026

Charlottesville-Albemarle MPO Transportation Demand Management Study Final Scope of Work

**MPO Technical Committee
August 5, 2025**



Purpose

- ❑ Activity included in the FY26 UPWP
- ❑ Through the development of the 2050 LRTP, CA-MPO staff identified the need to complete a comprehensive Transportation Demand Management (TDM) study
 - ❑ Identify strategies to reduce vehicle miles traveled
 - ❑ Increase trips made by walking, biking, and using transit
 - ❑ Enhance connections between transit, bike/ped networks, and park-and-ride facilities

Task 1: Existing Conditions

- ❑ Establish baseline Vehicle Miles Traveled (VMT) that will be used as the foundation for creating VMT reduction goals
- ❑ Review relevant planning documents from each jurisdiction, including but not limited to:
 - ❑ Comprehensive Plans
 - ❑ Bicycle and Pedestrian Plans
 - ❑ Transit Plans
 - ❑ Parking Studies

Task 2: Origin-Destination Analysis

- ❑ Identify trip generators and destinations
- ❑ Conduct origin-destination analysis
 - ❑ Understand travel within and coming in/out of the MPO area
 - ❑ Identify trips by mode
 - ❑ Identify average trip lengths

Task 2: Origin-Destination Analysis

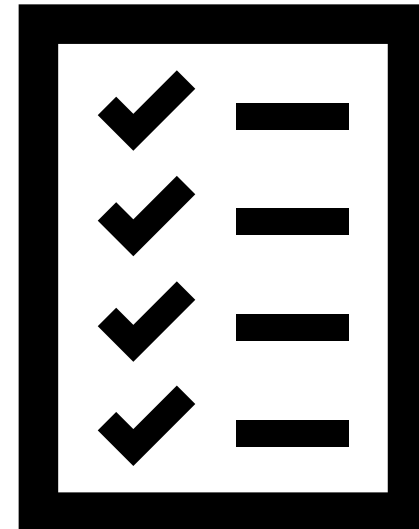
- ❑ Primary data sources
 - ❑ StreetLight
 - ❑ Strava Metro
 - ❑ VDOT
- ❑ Validation and additional insights gained through targeted outreach
 - ❑ Local cycling and running clubs
 - ❑ Member jurisdiction staff
 - ❑ Other local sources: UVA Parking and Transportation, MicroCAT, VEO dockless mobility program

Task 3: Mode Shift Potential & Strategies

- ❑ Assess potential for shifting trips from auto to non-auto modes
 - ❑ Consider trip characteristics such as trip length, trip distance, existing/planned infrastructure,
- ❑ Identify recommended improvements and strategies to encourage mode shift, feasibility of implementation
 - ❑ Recommendations may be policy-related, such as employer parking programs, land use considerations, and parking policies

Task 4: Outreach and Engagement

- ❑ Two primary opportunities for public engagement during the study
 - ❑ Validation of existing conditions observations and gathering additional insights
 - ❑ A survey obtaining input on proposed strategies and prioritization
- ❑ Targeted outreach to include bicycling and running clubs, Charlottesville City Schools, Albemarle County Public Schools, and housing-focused groups



Project Schedule

	SEPT 2025	OCT 2025	NOV 2025	DEC 2025	JAN 2026	FEB 2026	MAR 2026	APR 2026	MAY 2026	JUN 2026
Task 1: Existing Conditions										
Task 2: O-D Analysis										
Task 3: Mode Shift Potential + Strategies										
Task 4: Outreach + Engagement										
Task 5: Final Report										

Questions and Next Steps

- ❑ Next Steps
 - ❑ Requesting MPO Technical Committee recommendation for the MPO Policy Board
- ❑ Questions?

Memorandum

To: Charlottesville-Albemarle Metropolitan Planning Organization's (CA-MPO) Committees
From: Taylor Jenkins, Transportation Director, TJPDC/CA-MPO
Date: August 5, 2025
Reference: Transportation Demand Management Study – Final Scope of Work

Purpose:

CA-MPO staff are seeking approval of the final scope of work for the FY26 Transportation Demand Management (TDM) Study.

Background:

Through the development of the 2050 long range transportation plan (LRTP), the CA-MPO identified the need for a comprehensive travel demand management (TDM) study to identify long-term initiatives that would reduce vehicle miles traveled (VMT) within the MPO region, support sustainable transportation options, and improve mobility. This study will provide an understanding of travel patterns and support the identification of longer-term multimodal improvements and strategies needed to support mode-shift for those traveling throughout the MPO region.

Updates to the Scope of Work:

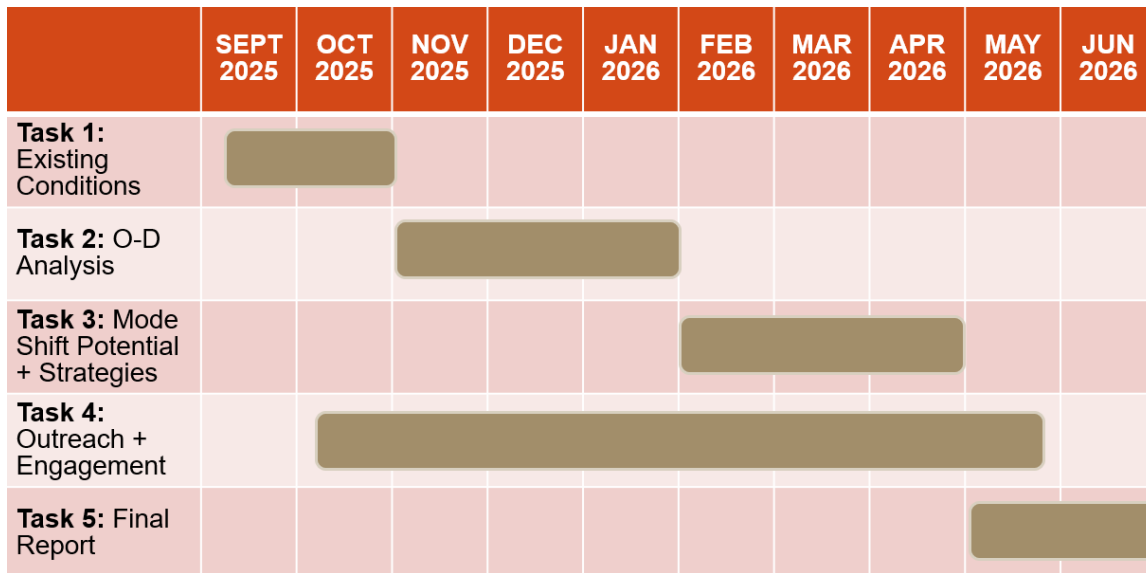
CA-MPO staff received valuable feedback from the Technical Committee, Policy Board, and Citizens Transportation Advisory Committee (CTAC) on the draft scope of work. The most significant updates include:

- Broadening **Task 1** to become *Existing Conditions*, which will include establishing a baseline for current VMT.
- Updating **Task 2** to capture additional suggested data sources, including Strava Metro and reaching out to partners for relevant data that could inform the study (UVA Parking and Transportation, MicroCAT, VEO dockless mobility data, etc.)
- Clarifying in **Task 3** that potential strategies could be policy-related, such as employer commuting programs, land use considerations, and parking policies
- Adding additional opportunities to collect public feedback in **Task 4** from targeted groups, such as bicycling and running clubs, school systems, and housing-focused groups

Study Schedule:

Following CA-MPO Policy Board approval, staff will begin the study with an estimated conclusion in June 2026. Estimated completion dates for each task are captured in the full scope of work, and a proposed overall schedule is illustrated in **Figure 1**.

Figure 1. TDM Study Schedule



Recommendations:

CA-MPO Technical Committee: Staff recommend a motion to recommend the CA-MPO Policy Board approve the final scope for the Travel Demand Management Study.

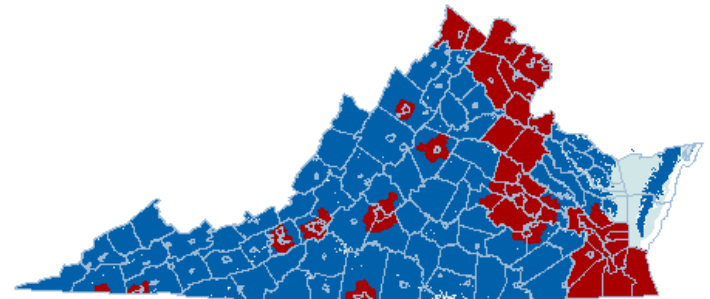
CA-MPO Policy Board: Staff recommend a motion to approve the final scope for the Travel Demand Management Study.

CA-MPO Citizens Transportation Advisory Committee: Staff recommend a motion to recommend the CA-MPO Policy Board approve the final scope for the Travel Demand Management Study.

If there are any questions or comments, please contact Taylor Jenkins at tjenkins@tjpc.org.



**MPO Technical Committee
August 5, 2025
Regional Travel Demand Model Demographics Development**

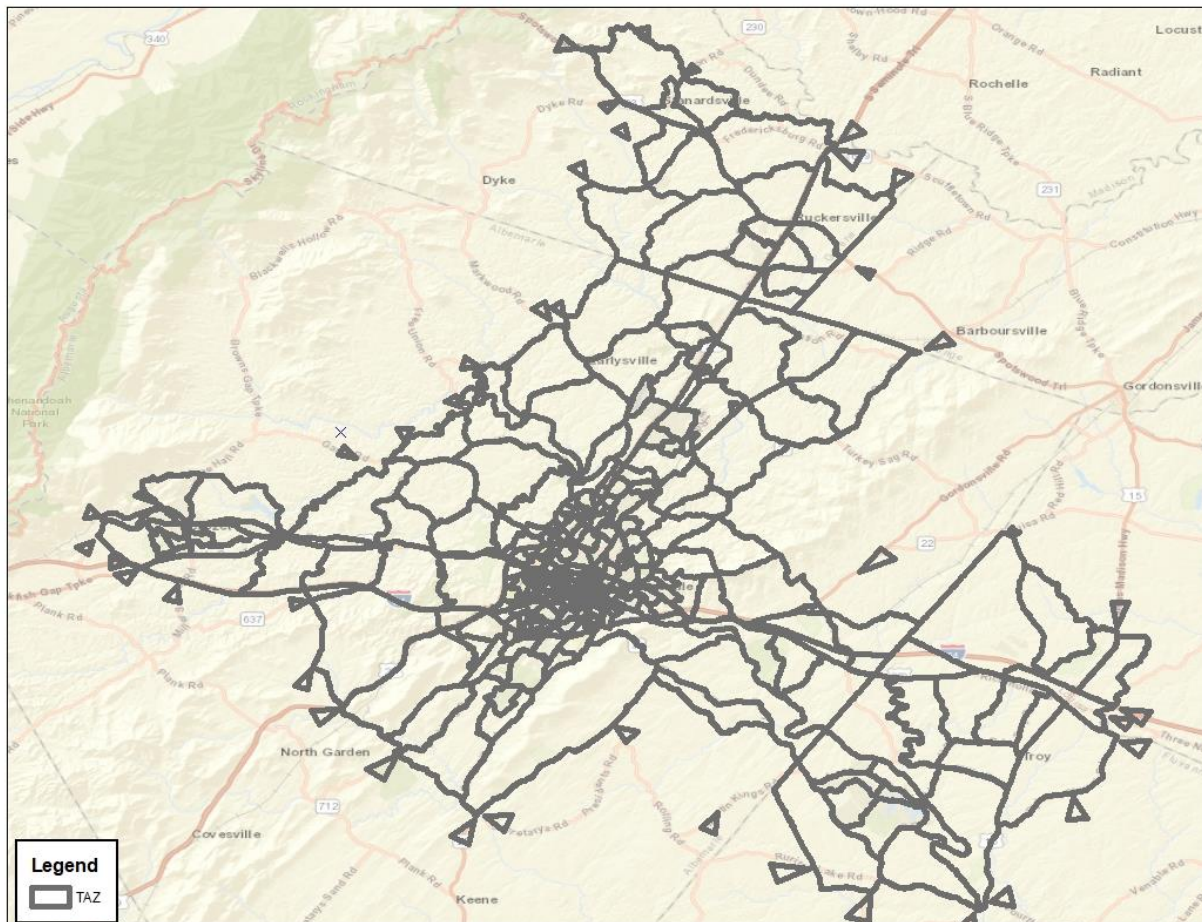


Charlottesville Regional Travel Demand Model Update

- Regional travel demand model in the process of being updated
- New model base year 2022
- Updated Traffic Analysis Zone (TAZ) boundaries
- Updated demographics for year 2022

Model Transportation Analysis Zones (TAZ)

- **New zone system based on Urbanized areas**
- **Includes City of Charlottesville and portions of Albermarle County**
- **Also includes portions from Greene, Louisa and Fluvanna counties**



Data Sources for Demographic Data

- **Three sources were used to assign each TAZ 2022 demographic and economic data:**
 - **Weldon-Cooper 2022 Population Estimates**
 - County/City Level Data
 - **Woods & Poole 2022 Employment Estimates**
 - County/City Level Data (NOTE: Charlottesville City and Albermarle County data is combined)
 - **2022 American Community Survey (ACS) 5-Year Estimates**
 - Block Group Level Data

Demographic Data

- Demographics variables and method of estimation:

Variable	Source	Notes
Total Population	2022 ACS 5-Year Estimates and 2022 Weldon Cooper Estimates	Initially assigned using ACS to improve granularity before converting to Weldon Cooper estimates.
Household Population		
Group Quarters Population		
Total Household Units	2022 ACS 5-Year Estimates	
Average Household Size	Calculated – ACS universe	TAZ ACS Population / TAZ Household Units. Weldon Cooper not used due to mixing of data universes and granularity differences
Average Household Income	2022 ACS 5-Year Estimates	Block Group Level assignment. Median Income not used due to Census constraints
Average Workers per Household	2022 ACS 5-Year Estimates	Adjustments made based on TAZ household units/group quarter population
K-12 Enrollment in Households		
University/College Enrollment in Households		
Average Vehicles per Household	2022 ACS 5-Year Estimates	Block Group Level Assignment
Average Students per Household	Calculated – ACS universe	TAZ K-12 and University/College Enrollment in Households / TAZ Household Units
Households with Seniors (65+)	2022 ACS 5-Year Estimates	Adjustments made based on TAZ household units

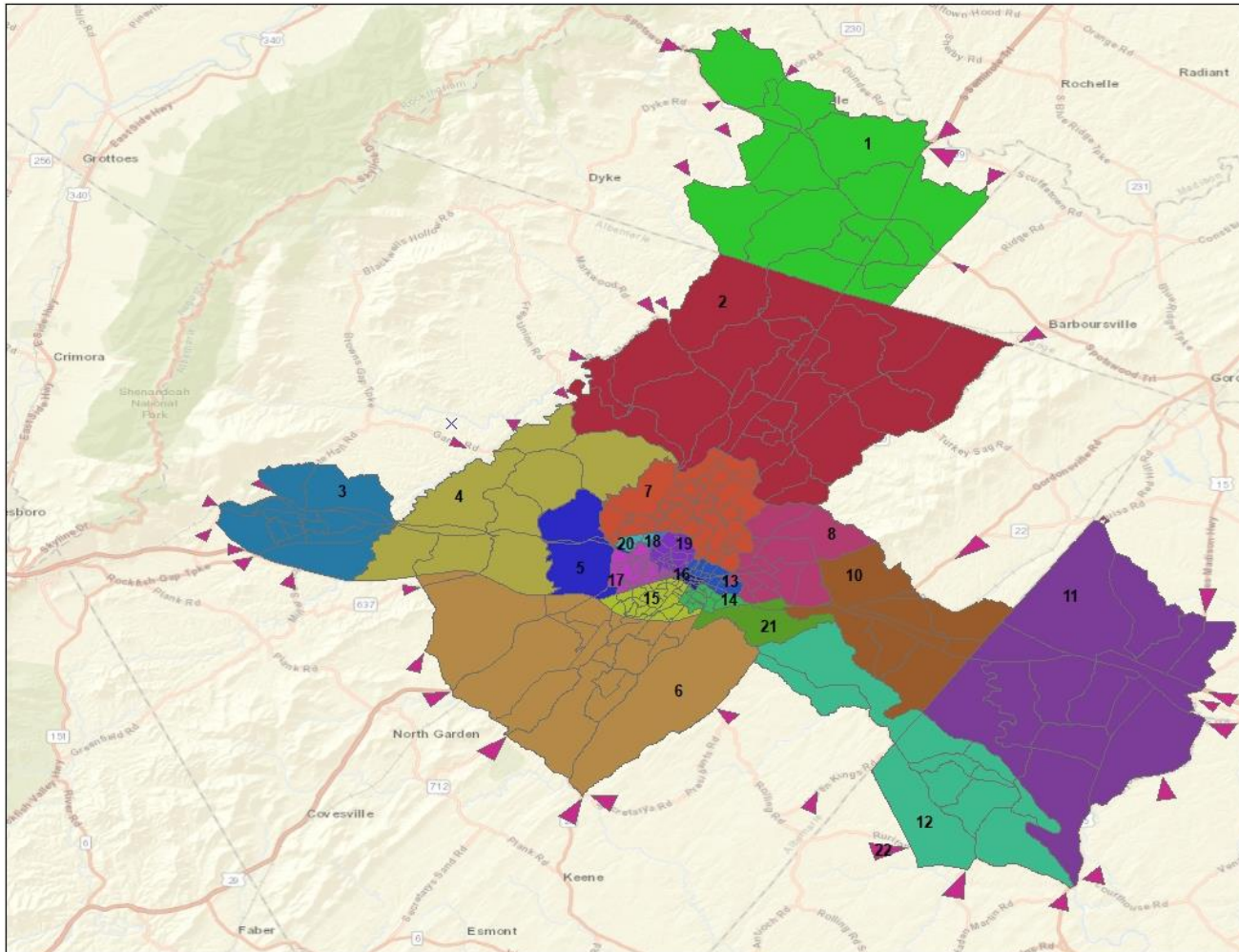
Demographic Data

- Demographics variables and method of estimation:

Variable	Source	Notes
Total Employment	Calculated	Summation of TAZ NAICS assignments
NAICS 11: Agriculture, Forestry, Fishing and Hunting	2022 Woods & Poole Estimates	Calculated as the proportion of employment type within the TAZ's county as purported in 2015
NAICS 21: Mining		
NAICS 22: Utilities		
NAICS 23: Construction		
NAICS 31-33: Manufacturing		
NAICS 42: Wholesale Trade		
NAICS 44-45: Retail Trade		
NAICS 48-49: Transportation and Warehousing		
NAICS 51: Information		
NAICS 52: Finance and Insurance		
NAICS 53: Real Estate Rental and Leasing		
NAICS 54: Professional, Scientific, and Technical Services		
NAICS 55: Management of Companies and Enterprises		
NAICS 56: Administrative and Support and Waste Management and Remediation Services		
NAICS 61: Educational Services		
NAICS 62: Health Care and Social Assistance		
NAICS 71: Arts, Entertainment, and Recreation		
NAICS 72: Accommodation & Food Services		
NAICS 81: Other Services (except Public Administration)		
NAICS 92: Public Administration		

Model Districts

- District definition

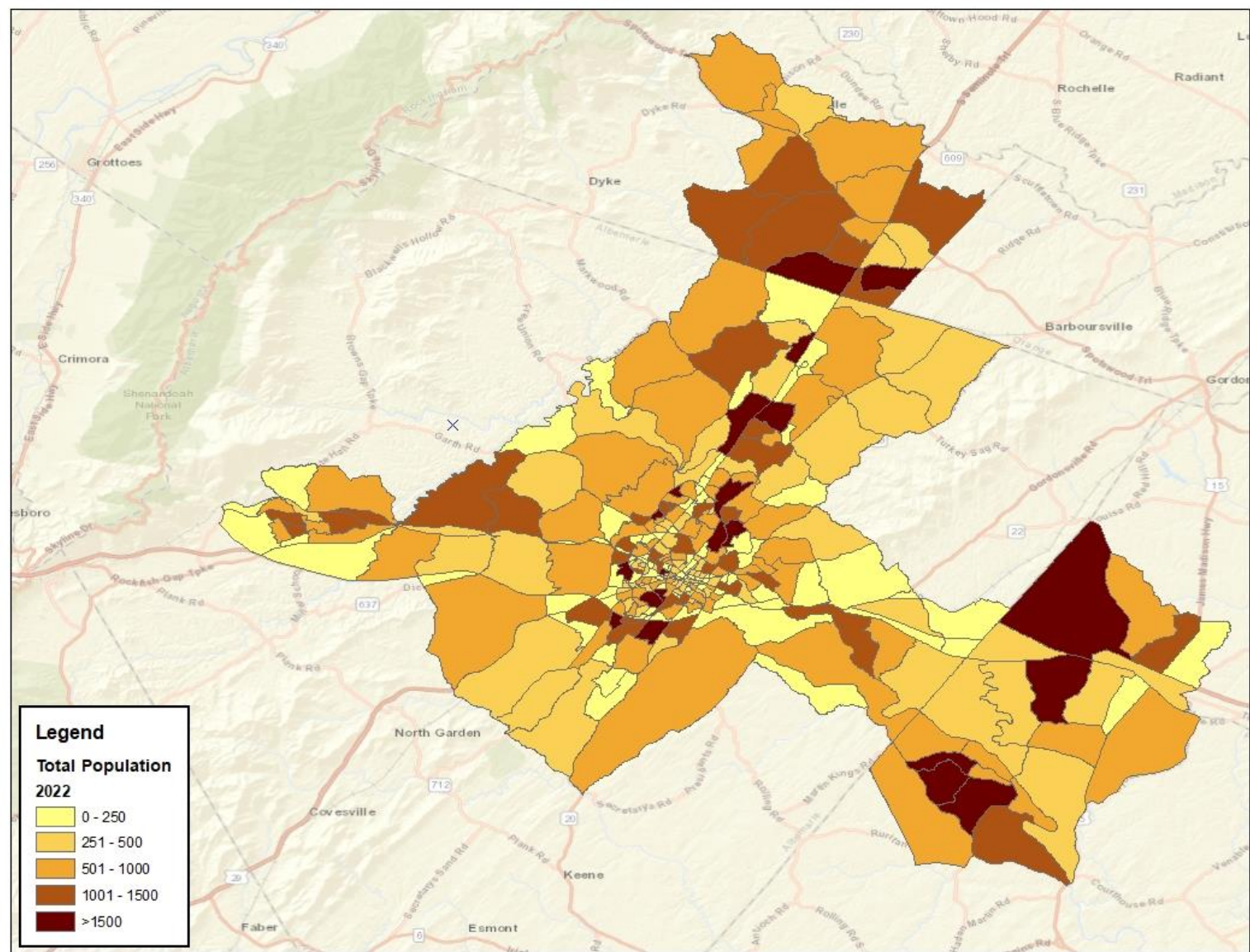


1	Greene
2	Hollymead
3	Crozet
4	W Albermarle
5	Ednam
6	S of Charlottesville
7	N of Charlottesville
8	E of Charlottesville
10	Keswick
11	Louisa
12	Fluvanna
13	N of Downtown
14	SE of Downtown
15	SW of Downtown
16	Downtown
17	University of Virginia
18	Barracks Road
19	Barracks Rugby
20	Darden UVA
21	Auburn Hills
22	Externals

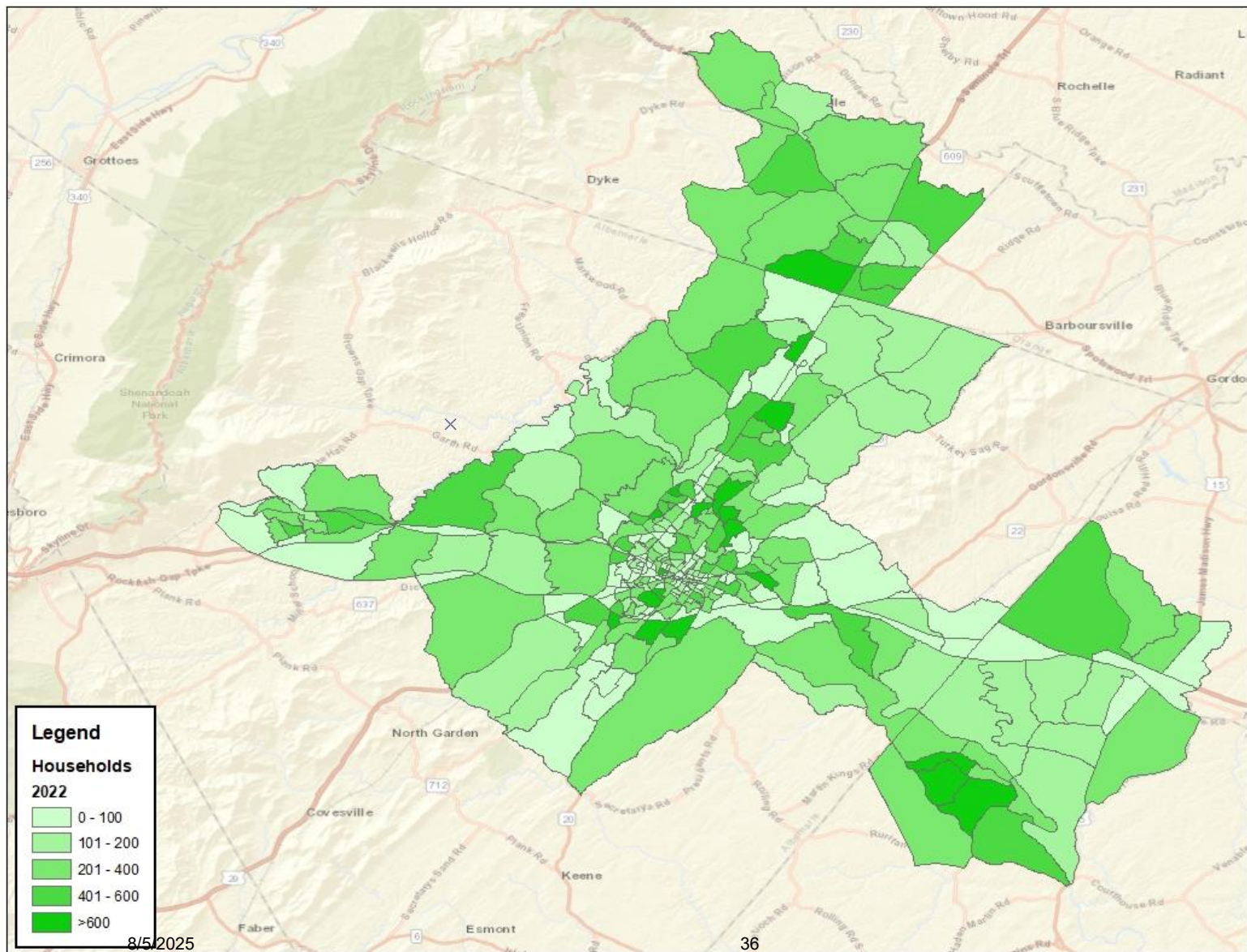
2022 Demographics Summary

District		Total Population	Household Population	Group Quarters Population	Households	Total Employment
Greene	1	16,445	16,319	126	5,915	3,504
Hollymead	2	19,461	19,431	30	6,755	6,970
Crozet	3	9,956	9,948	8	3,766	1,596
W Albermarle	4	5,511	5,511	0	2,068	509
Ednam	5	1,708	1,693	15	737	3,976
S of Charlottesville	6	12,717	12,321	396	4,928	3,180
N of Charlottesville	7	29,971	29,318	653	13,417	18,110
E of Charlottesville	8	5,934	5,873	61	2,905	7,672
Keswick	10	3,443	3,441	2	1,452	1,211
Louisa	11	8,335	7,144	1,191	2,505	3,899
Fluvanna	12	14,015	14,015	0	5,316	2,433
N of Downtown	13	6,199	6,181	18	2,869	8,834
SE of Downtown	14	6,163	6,133	30	2,650	2,773
SW of Downtown	15	14,371	14,287	84	5,302	2,351
Downtown	16	1,697	1,666	31	873	8,249
University of Virginia	17	16,772	8,917	7,855	3,405	10,696
Barracks Road	18	1,326	841	485	484	2,805
Barracks Rugby	19	9,039	7,077	1,962	2,792	3,794
Darden UVA	20	1,050	1,009	41	591	958
Auburn Hills	21	90	90	0	36	364
	Total	184,203	171,215	12,988	68,766	93,884

Total Population - 2022



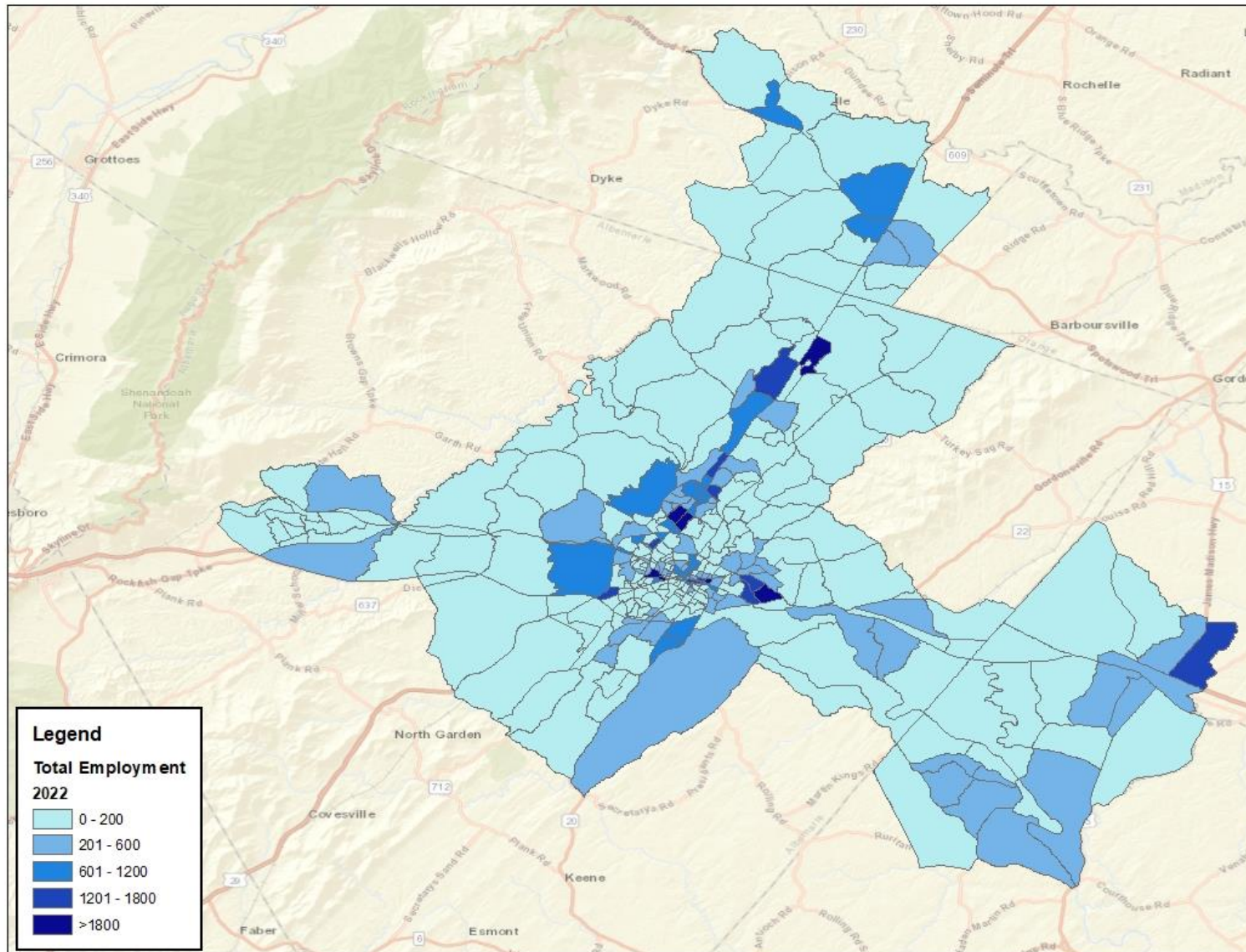
Total Households - 2022



8/5/2025

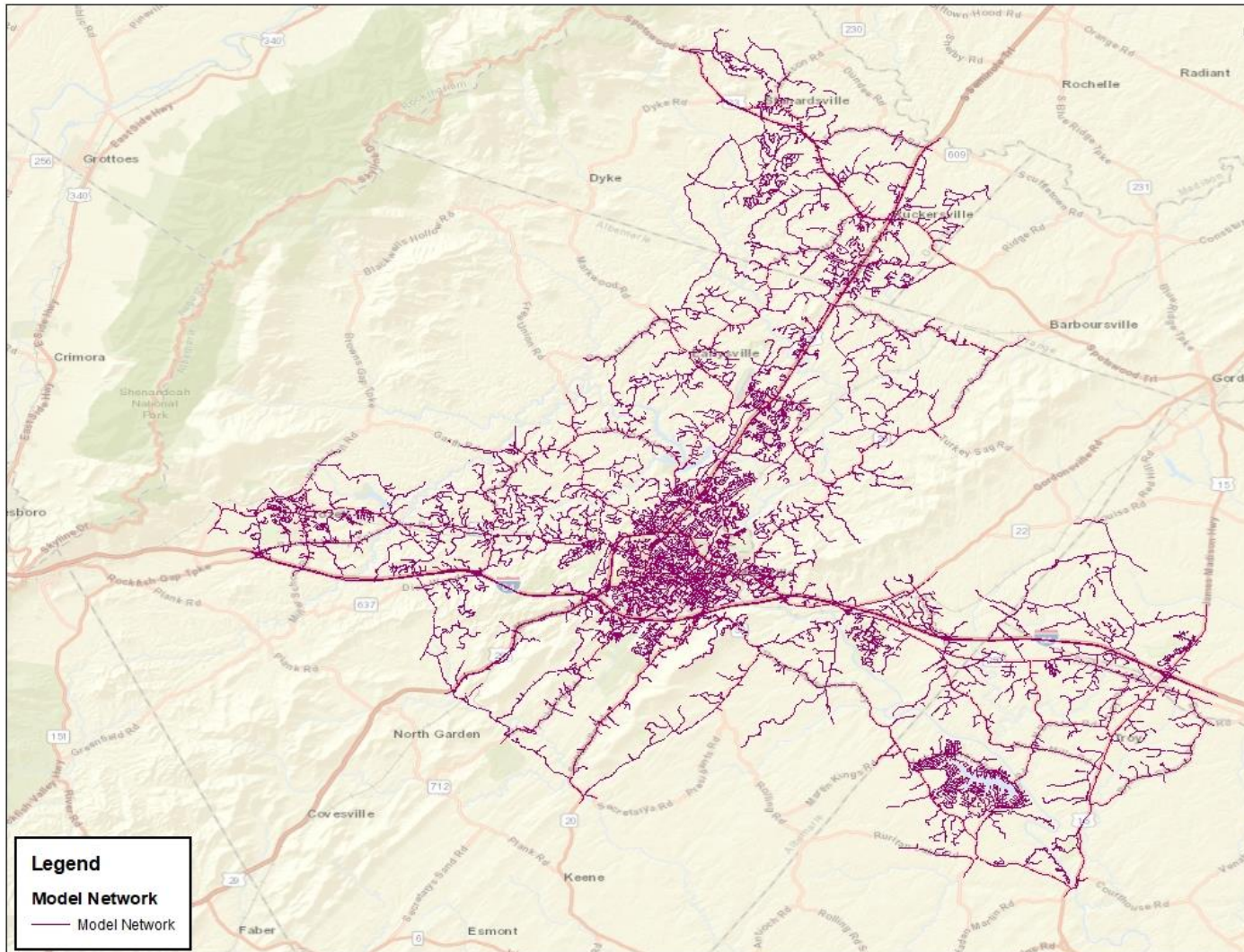
36

Total Employment - 2022



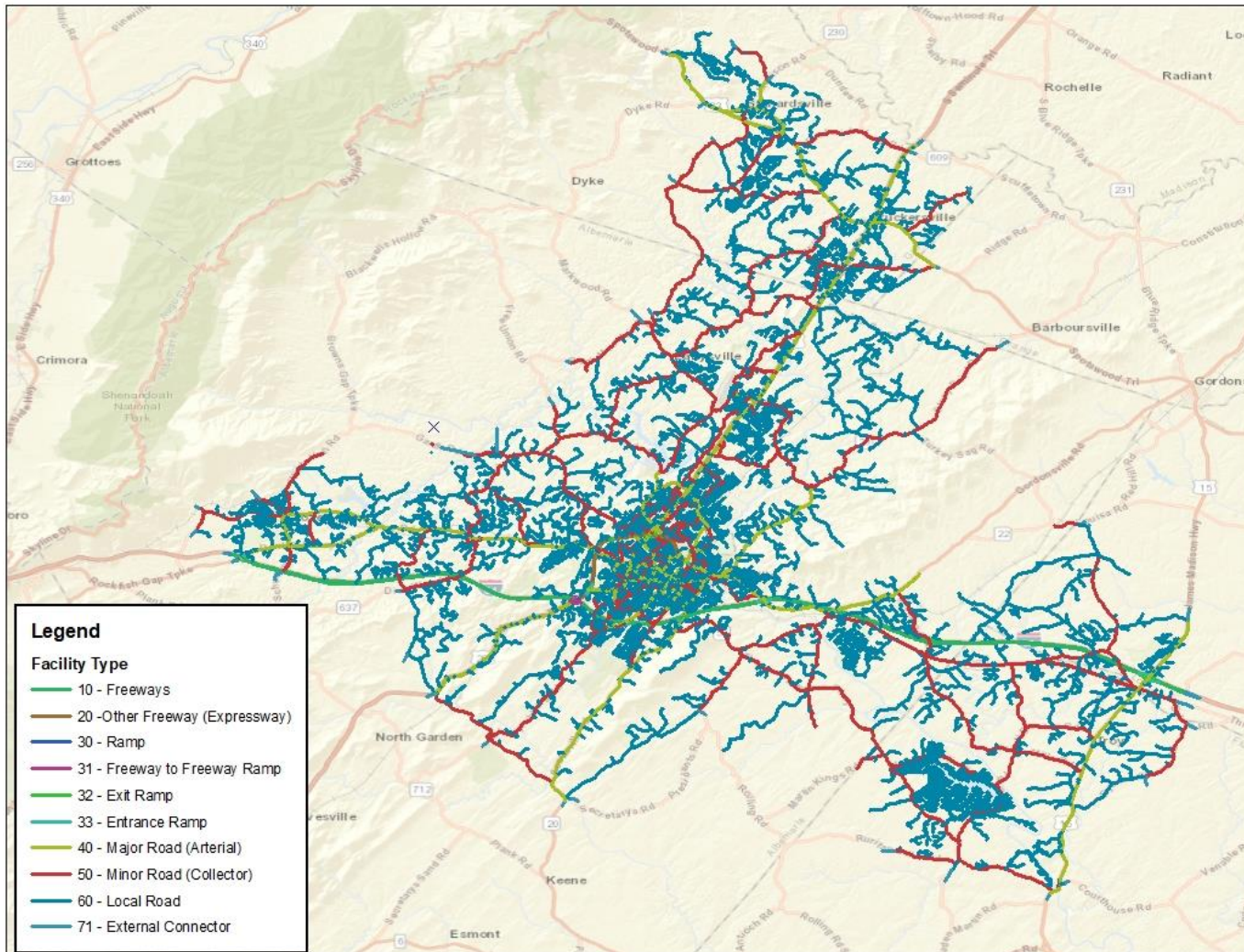
Model Network

- New network reflects updated roadways for the Y2022



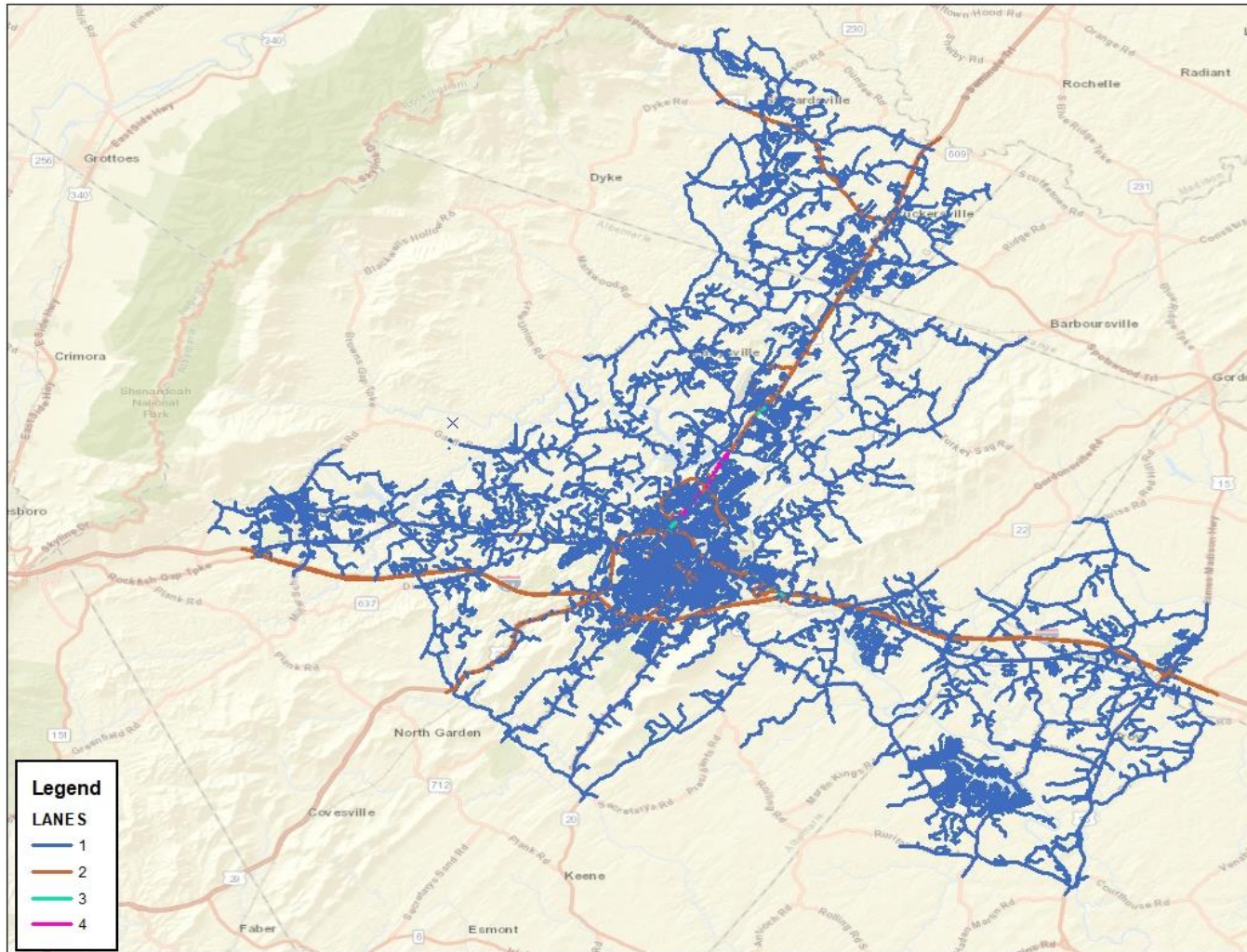
Model Network

- Model network by facility types



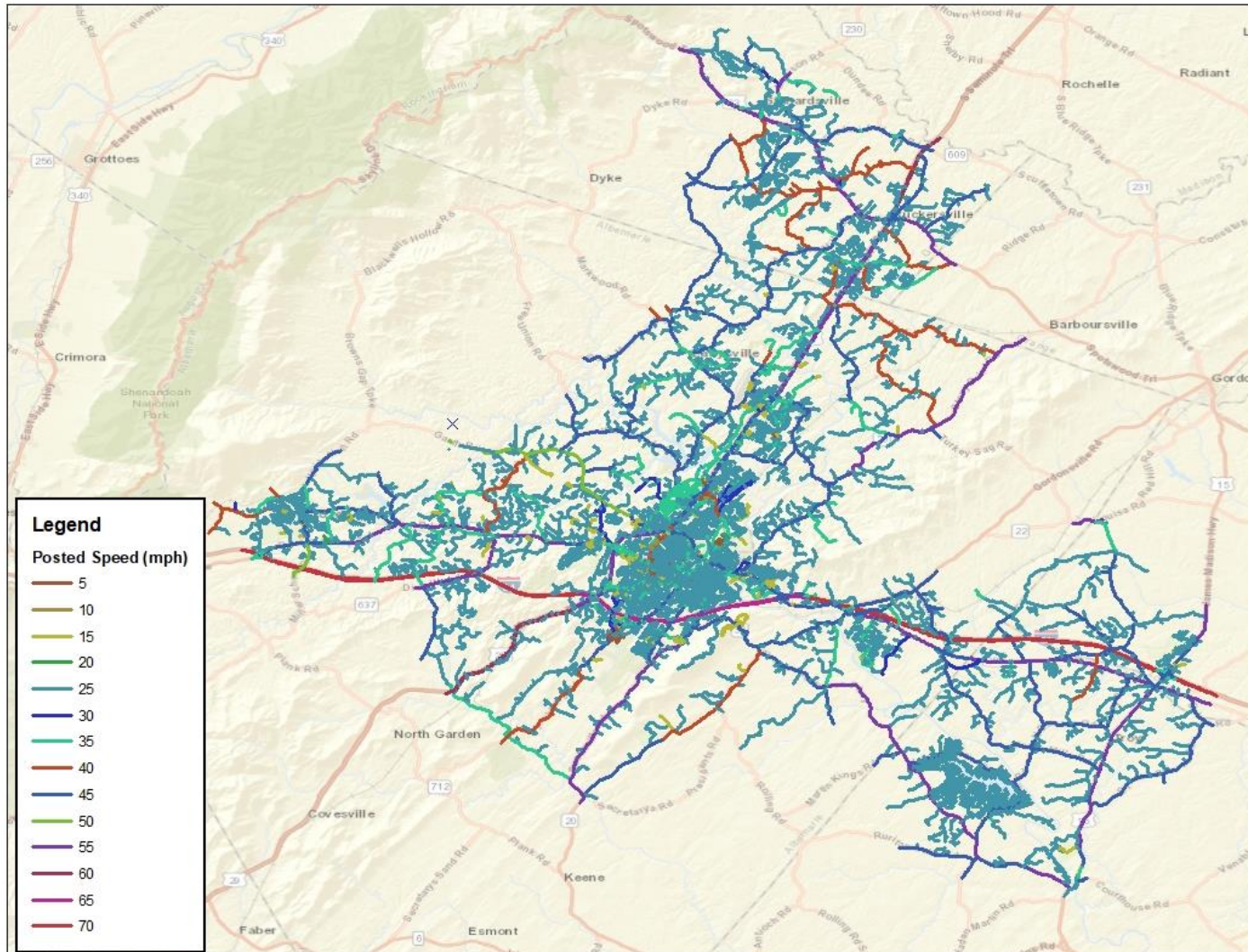
Model Network

- Model network by number of lanes



Model Network

- Model network by posted speed (mph)



Potential uses of the model

- **Congestion (measure by vehicle-hours of delay)**
- **Congestion maps showing road level-of-service**
- **Transit ridership**
- **Mode Share**
- **VMT per capita**
- **Average driving commute time**

Questions?

MEMORANDUM

To: Charlottesville-Albemarle Metropolitan Planning Organization's (CA-MPO) Committees
From: Sarah Simba, TJPDC/CA-MPO Regional Planner II
Date: August 5, 2025
Subject: CA-MPO Travel Demand Model Base Year Demographics Approval

Purpose:

To seek approval from the MPO Policy Board on traffic analysis zone (TAZ) boundaries and 2022 demographic inputs for the updated CA-MPO travel demand model.

Background:

The Virginia Department of Transportation (VDOT) Transportation and Mobility Planning Division works with MPOs on the development and maintenance of the regional travel demand model, an analytical tool used to support the transportation planning process. With VDOT and AECOM support, CA-MPO staff are currently updating the model for a new base year (2022) and forecast year (2050).

At this stage of the process, traffic analysis zone (TAZ) boundaries and base year (2022) input values have been determined. Three data sources were utilized for the development of base data:

- Weldon Cooper Population Estimates
- Woods & Poole Employment Estimates
- American Community Survey (ACS) Estimates

Following CA-MPO Policy Board approval of base year (2022) demographic inputs, the project team will develop future year (2050) forecasts of demographics for CA-MPO Policy Board approval. The estimated project completion date is April 2026.

Recommendations:

CA-MPO Technical Committee:

Staff recommend that the CA-MPO Technical Committee make a motion to recommend that the CA-MPO Policy Board approve the 2022 demographic data as presented by VDOT and AECOM for the regional travel demand model.

CA-MPO Policy Board:

Staff recommend that the CA-MPO Policy Board make a motion to approve the 2022 demographic data as presented by VDOT and AECOM for the regional travel demand model.

CA-MPO Citizens Transportation Advisory Committee:

No action is required of the CA-MPO Citizens Transportation Advisory Committee (CTAC).

If there are any questions or comments, please contact Taylor Jenkins at tjenkins@tjpd.org and Sarah Simba at ssimba@tjpd.org.