Thomas Jefferson Planning District Commission
Charlottesville/Albemarle MPO

Charlottesville-Albemarle Metropolitan Planning Organization
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MEMORANDUM

To: Charlottesville-Albemarle MPO Citizens Transportation Advisory Committee (CTAC)
From: Sarah Simba, TJPDC/CA-MPO Regional Planner II
Date: September 24, 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:
Staff recommend that the CTAC 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. If there are any questions or comments, please contact Taylor Jenkins at tjenkins@tjpdc.org and Sarah Simba at ssimba@tjpdc.org.