National Capital Region
Transportation Planning Board

TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, July 18, 2025
9:30 A.M. to 12:00 noon Eastern (6:30 A.M. to 9:00 A.M. Pacific)
Virtual/online meeting
(Call-in information included in the calendar invite)

AGENDA

9:30 A.M. **1. OPENING: MEETING ROLES, RULES, AND ROLL CALL OF PARTICIPANTS**
Mark Moran, TPB Program Director, Travel Forecasting and Emissions Analysis

Mr. Moran will discuss meeting roles, rules, and conduct a roll call of participants.

9:40 A.M. **2. APPROVAL OF MEETING HIGHLIGHTS FROM THE PREVIOUS MEETING, HELD MAY 16**
Kelli Raboy, Manager of Ridership Analysis, Washington Metropolitan Area Transit Authority (WMATA); TFS Chair

9:45 A.M. **3. COG/TPB GEN3 TRAVEL MODEL: STATUS REPORT FROM COG/TPB STAFF**
Feng Xie, TPB Program Manager, Model Development Group

Dr. Xie will provide a status report on the third and final phase of development of the COG/TPB Gen3 Travel Model, which is designed to verify that the Gen3 Model is ready for production use. He will provide a status report on the ongoing model usability testing. He will also discuss recent model enhancements and bugfixes.

10:05 A.M. **4. COG/TPB GEN3 TRAVEL MODEL: TELECOMMUTE SENSITIVITY TESTS**
Ray Ngo, TPB Transportation Engineer

Mr. Ngo will present findings from a hypothetical scenario involving changes in telecommuting frequency. This scenario analysis was conducted using both the Gen2 and Gen3 models as part of the ongoing Gen3 Model usability testing. In his presentation. Mr. Ngo will discuss the impacts of increased telecommuting among workers in the TPB Planning Area on model outputs.

10:35 A.M. **5. UPCOMING COG/TPB SURVEY EFFORTS IN FY 2026**
Kenneth Joh, Ph.D., TPB Principal Statistical Survey Analyst

Dr. Joh will provide the committee with an overview of survey activities that will be undertaken as part of the FY 2026 work program, including the Regional Travel Survey, Regional Air Passenger Survey, State of the Commute Survey, and the coordination of transit on-board surveys.

11:05 A.M. **6. REVIEW OF TRAVEL DEMAND MODELS ACROSS CALIFORNIA FOR CALTRANS PROJECTS ANALYSIS**
Adrita Islam, Senior Transportation Planner, Fehr & Peers

This presentation assesses how MPO travel demand models are applied to project-level analysis, identifying major challenges like limited sensitivity,

inconsistent scenarios, and inadequate documentation. The study includes interviews with MPOs and Regional Transportation Planning Agencies (RTPAs) about their modeling processes and conducts an in-depth review of six regional models using a structured checklist. Findings emphasize the need for standardized processes to improve model transparency, calibration, and regulatory compliance, and improved collaboration between model developers and end users.

11:35 A.M. **7. ROUNDTABLE DISCUSSION OF CURRENT MODELING EFFORTS AROUND THE REGION**

Kelli Raboy , TFS Chair

TFS members will have an opportunity to inform the subcommittee about active or planned project planning studies that are underway in their respective jurisdictions.

11:45 A.M. **8. NEXT MEETING AND OTHER BUSINESS**

a. Next planned TFS meetings (Mark Moran)
   i. Sep. 19, 2025: COG/TPB staff plan to cancel this meeting due to a schedule conflict with the 2025 AMPO Annual Conference, Sep. 15-19, 2025, in Providence, Rhode Island.
   ii. **October 2025: Release of beta version of Gen3 Travel Model.**
   iii. Nov. 21, 2025
      i. COG/TPB Gen3 Travel Model: Status report from COG/TPB staff (Feng Xie)
      ii. 2025 Long-Range Transportation Plan, Visualize 2050: Results from the performance analysis of the plan (Sergio Ritacco)
      iii. Leveraging connected car data to improve travel demand modeling (Dr. Shanjiang Zhu, Associate Professor, George Mason University).
      iv. Possible presentation by Bently Systems, Inc. (Katie Brinson)
      v. Thanking the outgoing chair of the TFS and announcement of new chair for CY 2026 (Mark Moran)

b. Other business

12:00 P.M. **9. ADJOURN**