



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, November 21, 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 ON JULY 18 (SEPTEMBER 19 MEETING WAS CANCELLED)**
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**
Mark Moran, TPB Program Director, Travel Forecasting and Emissions Analysis
Feng Xie, TPB Program Manager, Model Development Group

The Gen3 Model is in its third and final phase of development. On November 7, Mr. Moran made a presentation to the TPB Technical Committee on the status of the Gen3 Travel Model.¹ Later that day, Mr. Moran sent an email to the TFS announcing that a beta version of the Gen3 Model (Ver. 1.0.5) was now available for testing by external stakeholders. The purpose of the beta release is to allow interested parties to test out the new travel model and provide feedback to the TPB staff. Today Mr. Moran will present a similar status report on the Gen3 Model to the TFS. Then, Dr. Xie will discuss some recent model updates that are being made following the Gen3 Model beta release (i.e., post Ver. 1.0.5), which will be included in the next model version.
- 10:20 A.M. 4. **VISUALIZE 2050 NATIONAL CAPITAL REGION TRANSPORTATION PLAN: RESULTS FROM THE PERFORMANCE ANALYSIS OF THE PLAN AND THE AIR QUALITY CONFORMITY ANALYSIS**
Sergio Ritacco, TPB Transportation Planner
Rob d'Abadie, TPB Transportation Engineer

Staff will provide an overview of the draft Visualize 2050 plan's system performance analysis and air quality conformity analysis using travel demand model output data. The presentation will include an overview of the plan, including regional context, plan requirements, and an overview of major sections. The TPB actions related to the plan and air quality conformity report are scheduled for December 2025.

¹ This presentation was originally to have occurred on October 3, but it was deferred due to time limitations.

10:50 A.M. 5. LEVERAGING CONNECTED CAR DATA TO IMPROVE TRAVEL DEMAND MODELING

Shanjiang Zhu, Associate Professor, George Mason University

This study uses connected car data (Wejo data in this case) to improve travel demand modeling. The study shows that connected vehicle (CV) data can provide nuanced information about trip time, trip distance, path patterns with fine geographic and temporal resolution. Significant data processing work (usually under the domain of big data analytics) is required. This presentation will also discuss some ongoing efforts that aim at integrating CV data into travel demand modeling.

11:10 A.M. 6. MODELING SOFTWARE UPDATES

Daniel Florian, Filippo Contiero, and Ahmed Mohideen, Bentley Systems, Inc.

COG/TPB staff has a subscription to use Bentley Systems OpenPaths transport modeling software, which includes access to CUBE alongside other integrated applications. In this brief session we will identify and propose distinct opportunities for CUBE users to explore using OpenPaths capabilities for extended or enhanced model workflows, including ways to work with activity-based travel model (ABM) outputs, such as from the Gen3 Travel Model.

11:30 A.M. 7. THANK OUTGOING CHAIR OF THE TFS AND WELCOME NEW CHAIR FOR CY 2026

Mark Moran, TPB Program Director, Travel Forecasting and Emissions Analysis

The chair of the TFS rotates on a calendar-year basis between four entities: the District of Columbia, Maryland (state or local agency), Virginia (state or local agency), and a transit or regional agency. Based on the recent rotation order (MD, DC, VA, transit/regional), the upcoming chair should be a representative from a Maryland-based agency. Mr. Moran will first thank the two outgoing chairs from WMATA for their service to the subcommittee (Leanne Young, January to March, and Kelli Raboy, April to December). Next, Mr. Moran will announce and introduce the new TFS chair for 2026.

11:45 A.M. 8. 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/planned modeling or planning studies that are underway in their respective jurisdictions.

11:50 A.M. 9. NEXT MEETING AND OTHER BUSINESS

a. Next planned TFS meetings (Mark Moran)

- i. Jan. 23 (4th Friday). TRB Annual Meeting is Jan. 11-15.
- ii. Mar. 20 (3rd Friday).
- iii. May 15 (3rd Friday). Bike-to-Work Day is May 15. Memorial Day is May 25.
- iv. Jul. 17 (3rd Friday).
- v. Sep. 18 (3rd Friday).
- vi. Nov. 20 (3rd Friday). Thanksgiving is Nov. 26.

TPB Travel Forecasting Subcommittee Agenda (continued)

b. Other business

- i. Update on TPB survey activities (Tim Canan)
- ii. New subcommittee: Mobility Analytics Subcommittee (Ian Newman)
- iii. Other items?

12:00 P.M. 10. ADJOURN