



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, July 16, 2021
9:30 A.M. to 12:00 noon Eastern
(6:30 A.M. to 9:00 A.M. Pacific)

Due to COVID-19 precautions, this meeting will be held by teleconference

(See WebEx call-in information at the bottom of this agenda)

AGENDA

- 9:30 A.M. 1. INTRODUCTIONS AND APPROVAL OF MEETING HIGHLIGHTS FROM THE PREVIOUS MEETING**
Michael Eichler (Washington Metropolitan Area Transit Authority), TFS Chair
- 9:35 A.M. 2. ARLINGTON COUNTY'S NEW TOUR-BASED TRAVEL MODEL**
Christine Sherman Baker, Principal Planner, Arlington Co. Department of Environmental Services; Bill Allen, Senior Project Manager, Bentley Systems, Inc.
- Arlington Co. has embarked on the creation of a new travel demand model, to support the County's planning initiatives, including analysis of the new Amazon facility. The new model covers the entire TPB modeled region, but with greater focus and detail in Arlington Co. The model uses a simplified tour-based model, a streamlined type of discrete model that is easier to understand and runs faster than an activity-based model. The model features simplified drive-transit modeling, PnR lot choice and constraint, multipath transit processing, simplified mode choice with bus/rail split handled in a full transit assignment by period, walk/bike/taxi/TNC modes handled in mode choice, validated bike assignment, a telecommuting model, school and university trip purposes, and an autonomous vehicle model. The model is calibrated, a forecast is underway, and documentation and training will be completed by mid-September.
- 10:15 A.M. 3. COG/TPB GEN3 TRAVEL MODEL: STATUS REPORT**
Binny M Paul, Advanced Forecasting Modeler, RSG
- RSG will provide an update on the status of the Gen3 Travel Model. RSG will begin with a status report on model development activities. RSG will then demonstrate the ABM visualizer and provide an update on the initial performance of the Gen3, Phase 1 Model. RSG will also discuss ongoing activities and next steps, including model estimations using ActivitySim's estimation mode.
- 10:45 A.M. 4. 2017/2018 REGIONAL TRAVEL SURVEY IN-DEPTH ANALYSIS**
Yu Gao, TPB Transportation Engineer; Ken Joh, TPB Senior Statistical Survey Analyst; Martha Kile, TPB Principal Data Analyst
- While releasing the 2017/2018 RTS results, TPB staff asked regional stakeholders to share questions that they hoped the RTS might help inform. TPB staff has conducted additional analysis and developed a series of responses. This presentation will offer an overview of the project as well as a preview of

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selected responses that will be added to the RTS webpage. These analyses consider changes to work start and end times, telework and proximity to High-Capacity Transit, and more.

11:30 A.M. 5. ROUNDTABLE DISCUSSION OF CURRENT MODELING EFFORTS AROUND THE REGION

Michael Eichler, 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. 6. OTHER BUSINESS

- a. Snapshots of effects of COVID-19 on travel available on COG website (Martha Kile)
- b. Upcoming guest presentations at TFS meetings in 2021 (Mark Moran)
- c. Next meeting scheduled for Friday, September 24, 2021, 9:30 A.M. to 12 noon

12:00 P.M. 7. ADJOURN

Call-In and Web Conferencing Information

[Join WebEx Meeting](#)

Friday, July 16, 2021 9:30 A.M. | 2 hours 30 minutes | (UTC-04:00) Eastern Time (US & Canada)
Meeting number: 161 551 5037

Join by video system

Dial 1615515037@mwcog.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

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