



TPB TRAVEL FORECASTING SUBCOMMITTEE

Friday, September 18, 2020
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 (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**
Amir Shahpar (Virginia Department of Transportation), TFS Chair
- 9:35 A.M. **2. TRANSPORTATION IMPACTS OF THE COVID-19 PANDEMIC IN THE NATIONAL CAPITAL REGION**
Andrew Meese, TPB Systems Performance Planning Director
- The COVID-19 pandemic and associated precautions since March 2020 have had profound impacts on travel demand and transportation systems in the National Capital Region. Staff has compiled information from a variety of sources to provide snapshots of the magnitude and trends of these impacts.
- 9:55 A.M. **3. REGIONAL TRAVEL SURVEY BRIEFING: INITIAL FINDINGS OF OBSERVED DAILY TRIPS**
Kenneth Joh, TPB Transportation Planner
- As part of its ongoing presentations on the findings from the 2017-2018 Regional Travel Survey, staff will brief the committee on initial key findings from the trip file, focusing on weekday trip rates, trip purpose, mode share, and trip destinations for commute and non-work trips in the region.
- 10:35 A.M. **4. INVESTIGATION OF CUBE VOYAGER PUBLIC TRANSPORT (PT) TRANSIT MODELING SOFTWARE WITH THE TPB'S GEN2/VER. 2.3 TRAVEL MODEL: PROPOSED FARE SYSTEMS**
Feng Xie, TPB Transportation Engineer
- As part of the staff investigation of the Public Transport (PT) transit modeling software in Cube, staff explored the fare specifications for the metropolitan Washington region in PT. Although the proposed fare specifications were implemented and tested in the TPB Ver. 2.3 Model, they are also expected to provide a basis for the fare modeling in the Gen3 Model.

Reasonable accommodations are provided upon request, including alternative formats of meeting materials.
Visit www.mwcof.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD).

11:00 A.M. 5. COG/TPB GEN3 TRAVEL MODEL: STATUS REPORT

Joel Freedman, Senior Director, RSG

RSG will provide an update on implementation of the Phase I ActivitySim model for MWCOG. Mr. Freedman will describe the population synthesis procedure, data needs for model implementation, and analysis of recent transit on-board survey data.

11:25 A.M. 6. CAPACITY-CONSTRAINED PUBLIC TRANSIT ASSIGNMENT ON A MODEL OF THE WMATA METRORAIL SYSTEM

Adam Groves, Chetan Joshi, PTV

PTV has been conducting some internal tests of capacity-constraint for the WMATA Metrorail system. Although capacity-constrained transit could always be of interest for crowded transit systems, this topic is also relevant during the COVID-19 pandemic, when capacity restrictions may be needed to ensure that social distancing guidelines are followed. This presentation will cover soft capacity constraints, as well as a new methodology we are exploring for applying hard capacity constraints (fail to board).

11:55 A.M. 7. OTHER BUSINESS

- a. Big Data Evaluation (Tim Canan)
- b. Planned Review of Transportation Surveys Measuring Short- and Long-Term Impacts to Travel Behavior from COVID-19 that Inform Regional Transportation Planning (Ken Joh)
- c. Scheduling future TFS presentations (Mark Moran)
- d. Next meeting scheduled for Friday, November 20, 2020, 9:30 A.M. to 12 noon

12:00 P.M. 8. ADJOURN

Call-In and Web Conferencing Information

Friday, September 18, 2020 9:30 am | 2 hours 30 minutes | (UTC-04:00) Eastern Time

Meeting number: 171 476 4771

[Join WebEx Meeting](#)

Use computer audio if you can. Second best option, "call me."