



SYSTEMS PERFORMANCE, OPERATIONS, AND TECHNOLOGY SUBCOMMITTEE (SPOTS)

Wednesday, March 8, 2017
1:00 - 2:30 P.M.
COG Room 1

Call-in and Web Conferencing Information:
(650) 479-3207 | <https://mwkog.webex.com>
Meeting #: 649 035 675 | Web Password: spots2017

Meeting Documents:
<https://www.mwkog.org/committees/spots/>

AGENDA

- 1:00 P.M.** **1. WELCOME, INTRODUCTIONS, AND REVIEW OF NOTES**
Andrew Meese, TPB Systems Performance Planning Director and Acting SPOTS Technical Subcommittee Chair
- Notes from the December 14, 2016 Joint SPOTS/Traffic Signals Subcommittee meeting will be reviewed.
- 1:05 P.M.** **2. REMEMBRANCE OF JEAN YVES POINT-DU-JOUR**
Andrew Meese, TPB Systems Performance Planning Director
- Subcommittee participants and staff who knew and worked with Jean Yves Point-Du-Jour during his many years chairing and participating in TPB's SPOTS, MOITS, and other committees will be provided an opportunity to share their remembrances of Jean Yves.
- 1:15 P.M.** **3. AUTONOMOUS VEHICLE BEHAVIOR TESTING WITH THE COG/TPB TRAVEL DEMAND MODEL**
Alex Rixey, Fehr & Peers DC
- Recently, TPB's Travel Forecasting Subcommittee received a briefing on a study by Fehr & Peers regarding autonomous vehicles (AVs). As AVs begin entering the vehicle fleet, there is much uncertainty about how they will affect urban travel and how their travel behavior will be captured by the forecasting tools we currently use.
- Fehr & Peers has been conducting a series of sensitivity tests with regional travel demand models that could reflect what might happen as a large proportion of AVs enter the fleet. This presentation will describe the Fehr & Peers work,

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including input considerations and sensitivity test results using the COG/TPB travel demand model and models from other regions. This work may also provide some insight on how transportation systems may react to an increase of AVs.

1:45 P.M. 4. DEVELOPING SUSTAINABLE PERFORMANCE PRICING STRATEGIES FOR ON-STREET PARKING USING TECHNOLOGY, ECONOMICS AND BIG DATA ANALYTICS – THE WASHINGTON DC EXPERIENCE

Soumya Dey, DDOT

The committee will be briefed on DDOT's performance pricing strategy. D.C. is getting ready to make its second pricing adjustment in the Penn Quarter/ Chinatown neighborhood; the presentation will talk about lessons learned and observed impact of price change on behavior and curbside usage.

2:15 P.M. 5. UPDATE ON ONGOING ANALYSIS OF TRANSPORTATION IMPACTS OF WMATA'S SAFETRACK PROGRAM ACTIVITIES

Daivamani Sivasailam, TPB Transportation Engineer

The committee will be briefed on staff's analysis of the regional transportation impacts of WMATA's SafeTrack program Surges 1 through 10, from June through November 2016. Analysis included vehicle probe, traffic count, transit ridership, bicycle, and other relevant data.

2:25 P.M. 5. OTHER BUSINESS

Andrew Meese, TPB Systems Performance Planning Director

2:30 P.M. 6. ADJOURN

The next meeting is scheduled for Wednesday, April 12, 2017, in COG Room 1.