

MEMORANDUM

To: Members and Friends of the TRB Committee on Highway Capacity and Quality of Service (HCQS)

From: Tom Creasey, HCQS Committee Chair (Tom.Creasey@stantec.com)

Date: May 24, 2016

Subject: Schedule and Agenda for HQSC Committee Mid-Year Meeting

The 2016 mid-year meeting of the TRB Highway Capacity and Quality of Service Committee (AHB40) will be held as part of the Joint International Symposium on Enhancing Highway Performance (ISEHP), June 14 – 16, 2016, in Berlin, Germany. The symposium is being sponsored jointly with the TRB Committee on Freeway Operations (AHB20). Symposium activities will be held at two locations: 1) at the *Federal Ministry of Transport and Digital Infrastructure Berlin Office (BMVI)* and 2) at the *Maritim proArte Hotel Berlin*. More details on the symposium can be found at www.isehp2016.org. A detailed preliminary program for the symposium can be viewed at <http://isehp2016.org/program-2/>. A summary of the preliminary program follows:

Monday, June 13, 2016 (BMVI)

- Freeway Facilities Workshop (AHB40), 9:00 a.m. – 12:00 noon
- FREEVAL2015-E Workshop (AHB40), 1:00 p.m. – 4:00 p.m.
- HMC 6th Edition “Mega Session” (AHB40), 4:30 p.m. – 6:00 p.m.

Tuesday, June 14, 2016 (BMVI)

- **Highway Capacity and Quality of Service Committee Meeting (9:00 a.m. – 12:00 noon)**
- ISEHP Plenary Session
 - Opening/Welcome Address (1:30 p.m. – 2:30 p.m.)
 - Keynote Speech (2:30 p.m. – 3:00 p.m.)
 - Invited Presentations (3:30 p.m. – 6:00 p.m.)
- Welcome Reception (6:00 p.m.)

Wednesday, June 15, 2016 (Maritim proArte Hotel)

- Country Reports, Part 1 (9:00 a.m. – 10:30 a.m.)
- Country Reports, Part 2 (11:30 a.m. – 12:30 p.m.)
- Technical Sessions 1 (1:30 p.m. – 2:45 p.m.)
- Technical Sessions 2 (3:00 p.m. – 4:15 p.m.)
- Technical Sessions 3 (4:30 p.m. – 5:45 p.m.)
- Symposium Dinner - Panorama37, Alexanderplatz (7:00 p.m.)

Thursday, June 16, 2016 (Maritim proArte Hotel)

- Technical Sessions 1 (9:00 a.m. – 11:00 a.m.)
- Technical Sessions 2 (11:30 a.m. – 1:00 p.m.)
- **AHB20/AHB40 Joint Committee Meeting (2:00 p.m. – 3:45 p.m.)**
- Technical Tours

Friday, June 17, 2016 (BMVI)

- AHB20 Freeway Operations Committee Meeting (9:00 a.m. – 3:00 p.m.)
- Rural Highways Workshop (AHB40/FGSV) (9:00 a.m. – 3:00 p.m.)

Important reminder: For security reasons, participants must register for each of the workshops and meetings through the conference registration website (www.isehp.org).

The HCQSC meeting will be held on Tuesday, June 14, from 9:00 a.m. – 12:00 noon. It is anticipated that due to travel restrictions, a number of Committee members will not be able to attend and that we will not have the quorum needed to conduct any official Committee business. Thus, our Committee meeting agenda will be an abbreviated version of our typical format. Subcommittee and task force chairs, even if you are not able to attend the symposium, please do the following in advance of the meeting:

- Review your website (<http://sites.kittelson.com/HCQS>) page and roster and revise them accordingly
- Moving beyond the new *HCM 6th Edition*, identify/review any research problem statements your subcommittee/task force has developed or is planning to develop and make sure that Yin Hai Wang and the Research Subcommittee are aware of their status
- Provide a list of outstanding key issues that were not addressed (or not fully addressed) in the *HCM 6th Edition* that will serve as a starting point for moving beyond the new HCM.

Our recent Committee rotation has meant that a number of longstanding members have now joined the ranks of Committee Friends and that several incoming members will be bringing new ideas and energies to AHB40. The rotation also has provided an opportunity for current and new members to step into leadership roles, as reflected in our new leadership structure:

Group 1 Administration - Janice Daniel

- Secretary - *Janice Daniel*
- Paper Review - *Cathy Lui*
- Multimedia Task Force (website, LinkedIn, Twitter, Facebook) - *Seckin Ozkul*

Group 2 Uninterrupted Flow - Bastian Schroeder

- Freeways/Multilane Highways - *Alexandra Kondyli*
- Two-Lane Highways - *Jessie Jones*
- Active Traffic Management Task Force - *Behzad Aghdashi*

Group 3 Interrupted Flow - Christopher Kinzel

- Signalized Intersections - *Bill Cisco*

- Unsignalized Intersections - *Pete Terry*
- Interchange Ramp Terminals - *Vishal Khanapure*
- Urban Streets - *Marcus Januario*

Group 4 Cross-Cutting Issues - *Paul Ryus*

- Pedestrians and Bicycles -*Brian Smalkoski*
- Planning/Preliminary Engineering - *Brian Dunn*
- Performance Measures - *Rich Margiotta*
- Research -*Yinhai Wang*
- User Liaison - *Tyrone Scorsone*
- Traffic Simulation and Applications - *Alex Skabardonis*
- Automated/Connected Vehicles Task Force - *Alex Skabardonis*

I'm excited about this new leadership structure and I look forward to what we can accomplish.

Moving ahead, I believe we all agree this is an important time in the history of the HCM and the Committee. We're all proud of what has been accomplished with the HCM 6th Edition, but we also acknowledge there are questions to be answered: *What will future versions of the Manual look like? How will future versions be delivered? Where should the HCM fit in the "grand scheme" of things? Who are/should be the users of the Manual?* As we catch our collective breath from the recent update and production efforts, it's now time to begin thinking about how we answer these and other important questions. Rick Dowling and other members of the *Future of the HCM Task Force* will be leading a discussion during our June 14 Committee meeting and this will serve as a great starting point for addressing these questions.

I look forward to seeing everyone soon.

Attachments:

1. Committee roster
2. Committee organization
3. HCQSC meeting agenda

AHB40 Committee on Highway Capacity and Quality of Service Roster (as of April 2016)

	<u>Member</u>	<u>Position</u>	<u>Organization</u>	<u>E-Mail Address</u>
1	Creasey, Tom	Chair	Stantec Consulting Services	Tom.Creasey@stantec.com
2	Daniel, Janice	Secretary	New Jersey Institute of Technology	daniel@NJIT.EDU
3	Roess, Roger	Emeritus	Retired	roess2836@aol.com
4	Lemke, Kerstin	International Member	Federal Highway Research Institute (BAST), Germany	lemke@bast.de
5	Liu, Cathy	Young Member	University of Utah	cathy.liu@utah.edu
6	Khanapure, Vishal	Young Member	McTrans Center, University of Florida	kvishal@ufl.edu
7	Gerstle, David	Young Member	Booz Allen Hamilton	Gerstle_David@bah.com
8	Schroeder, Bastian	Member	Kittelson & Associates	bschroeder@kittelson.com
9	Scorsone, Tyrone	Member	Kittelson & Associates	scorsone@gmail.com
10	Aghdashi, Behzad	Member	ITRE/North Carolina State University	behzad_ghdashi@ncsu.edu
11	Cisco, Bill	Member	PTV Group	bill.cisco@ptvgroup.com
12	Dunn, Brian	Member	Oregon Department of Transportation	Brian.G.Dunn@odot.state.or.us
13	Engle, John	Member	Michigan Department of Transportation	englej1@michigan.gov
14	Januario, Marcus	Member	Shive-Hattery	mjanuario@shive-hattery.com
15	Jones, Jessie	Member	Arkansas State Highway and Transportation Department	jessie.jones@ahtd.ar.gov
16	Kinzel, Christopher	Member	HDR	Christopher.Kinzel@hdrinc.com
17	Kondyli, Alexandria	Member	University of Kansas	akondyli@ku.edu
18	Knowles, Bill	Member	Texas Department of Transportation	bill.knowles@txdot.gov
19	Margiotta, Rich	Member	Cambridge Systematics	rmargiotta@camsys.com
20	Ozkul, Seckin	Member	CUTR/University of South Florida	sozkul@cutr.usf.edu
21	Ryus, Paul	Member	Kittelson & Associates	pryus@kittelson.com
22	Skabardonis, Alex	Member	University of California-Berkeley	skabardonis@ce.berkeley.edu
23	Smalkoski, Brian	Member	Kimley-Horn	brian.smalkoski@kimley-horn.com
24	Sturrock, James	Member	Federal Highway Administration	james.sturrock@dot.gov
25	Terry, Peter	Member	Benchmark Civil Engineering	peter.terry@bencivil.com
26	Tran, Chung	Member	Federal Highway Administration	Chung.Tran@dot.gov
27	Wang, Yinhai	Member	University of Washington	yinhai@uw.edu

Note: Please provide any contact updated information to Committee Secretary Janice Daniel at daniel@NJIT.EDU.

Committee Organization

Group 1 – Administration – Janice Daniel, Committee Secretary

The purpose of this group is to perform the various administrative tasks that TRB requires of the committee and to maintain the committee's website and roster.

- Paper Review: Cathy Liu
- Multimedia Task Force: Seckin Ozkul
- TRB Conference Sessions and Mid-Year Meetings: To be named

Group 2 - Uninterrupted Facilities Group – Bastian Schroeder

The purpose of this group is to provide capacity and performance estimation procedures for the design and operation of uninterrupted flow facilities. The following subcommittees are in this group:

- Freeways & Multi-lane Highways: Alexandra Kondyli
- Two-Lane Highways: Jessie Jones
- ATM Task Force: Behzad Aghdashi

Group 3 - Interrupted Facilities Group – Christopher Kinzel

The purpose of this group is to provide capacity and performance estimation procedures for the design and operation of Interrupted flow facilities. The following subcommittees are in this group:

- Signalized Intersections: Bill Cisco
- Unsignalized Intersections: Pete Terry
- Interchange Ramp Terminals: Vishal Khanapure
- Urban Streets: Marcus Januario

Group 4 – Cross-cutting Issues – Paul Ryus

The purpose of this group is to monitor and identify various cross-cutting issues related to the HCM.

- Pedestrians and Bicycles: Brian Smalkoski
- Planning/Preliminary Engineering: Brian Dunn
- Performance Measures: Rich Margiotta
- Research: Yinhai Wang
- User Liaison: Tyrone Scorsone
- Traffic Simulation and Applications: Alex Skabardonis
- Automated/Connected Vehicles Task Force: Alex Skabardonis
- Training Task Force: Tyrone Scorsone

**Transportation Research Board Committee AHB 40
Committee on Highway Capacity and Quality of Service
MEETING AGENDA**

Tuesday June 14th 9:00 AM–12:00 noon

Federal Ministry of Transport and Digital Infrastructure (BMVI) K1, Berlin, Germany

Chair: Tom Creasey, Tom.Creasey@stantec.com
Secretary: Janice Daniel, daniel@njit.edu
Committee Website: <http://sites.kittelson.com/HCQS>

1. Opening Session
 - A) Circulate Attendance Sign-Up Sheet and Membership Roster
 - B) Roundtable Introductions
 - C) Welcome New Participants
2. About the Committee
 - A) Purpose
 - B) Committee Organizational Structure
 - C) Committee Membership
 - D) Website and Social Media
3. Transportation Research Board and Other Reports
 - A) TRB Staff Report – **Rob Bertini/Rich Cunard**
 1. HCM 6th Edition Publication
 2. Planning & Preliminary Engineering Applications Guide
 - B) NCHRP/TCRP Staff Report - **Ray Derr**
 - C) Federal Highway Administration Report – **Jim Sturrock/Chung Tran**
 - D) Institute of Transportation Engineers Report – **Bill Sampson**
4. Inter-Committee Coordination
 - a. Freeway Operations (AHB20)
 - b. Traffic Signal Systems Committee (AHB25)
 - c. Managed Lanes (AHB35)
 - d. Traffic Flow Theory (AHB45)
 - e. Transit Capacity and Quality of Service Committee (APO15) – Paul Ryus
 - f. Performance Measure Committee (ABC30)
 - g. Committee on Roundabouts (ANB75) – Lee Rodegerdts
 - h. Task Force and Joint Subcommittee Coordination - Alex Skabardonis
 - i. Autonomous/Connected Vehicles Task Force – Alex Skabardonis
 - j. Joint Subcommittee on Simulation (AHB45(1))
 - k. Joint Subcommittee on Active Traffic Management
5. The New HCM 6th Edition
 - a. Anticipated Publication Date
 - b. Reason for Name Change
 - c. Implementation
6. Future of the HCM Task Force Report – **Rick Dowling and other task force members**

7. Group Reports

- A) Paper Review and Best Paper Award – **Cathy Liu**
- B) Roster and Website - **Janice Daniel**
 - a. Web site front page migration
 - b. Social media
- C) Group 2: Uninterrupted Flow Group Report – **Bastian Schroeder**
Freeways/Multilane Highways, Two-Lane Highways, Active Traffic Management
- D) Group 3: Interrupted Flow – **Christopher Kinzel**
Urban Streets, Signalized Intersections, Unsignalized Intersections, Interchange Ramp Terminals
- E) Group 4: Multimodal & Preliminary Engineering – **Paul Ryus**
Pedestrians/Bicycles, Planning & Preliminary Engineering Applications, Performance Measures, Research, User Liaison, Traffic Simulation and Applications, Autonomous/Connected Vehicles
- F) TRB Annual meeting sessions and workshops
 - a. AHB40-sponsored session on Level of Service - **Erik Ruehr**
 - b. Others?

8. Upcoming Meeting Plans

- A) Year 2017 Summer Meeting – Joint Meeting with another TRB committee - **Brian Smalkoski/Rich Cunard**
- B) Year 2018 Summer Meeting – Initial discussion
- C) Next International Symposium?

9. Closing Session

- A) Final Circulation of Sign-Up Sheet and Membership Roster
- B) International Symposium Closing
- C) Adjournment