

MEMORANDUM

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

From: Lily Elefteriadou, HCQS Committee Chair (elefter@ce.ufl.edu)

Date: January 7, 2011

Subject: Schedule and Agenda for HCQS TRB 2011 Annual Meeting

The 2011 Annual Meeting of the Committee on Highway Capacity and Quality of Service (AHB 40) will be held on Saturday, January 22 to Monday, January 24, 2011 at the Marriott-Wardman Park Hotel, Washington, DC. This will be a milestone meeting as it will coincide with the publication of the HCM 2010, the culmination of several years of work by our committee members and friends!

Our subcommittee meetings will take place on Saturday and Sunday, while our committee meeting will be on Monday morning (see detailed schedule on page 5 of this memo). In preparation for the meeting, subcommittee chairs please post your agendas and meeting materials on the website (www.ahb40.org). Major topics of discussion at this meeting will include: a) preparation to address comments and provide interpretations regarding our new methodologies, as we expect this to be a significant part of our work in the near future, b) organization and management of our subcommittees to facilitate communications within the committee and with users, and c) development of plans for new research activities and future HCM.

At this meeting, I am asking each one of you to bring a new participant to our HCQS activities (a student, or a colleague). Broader participation as well as participation of younger colleagues will be an enormous asset as we start to develop our plans for future editions of the HCM. I would be happy to provide an introduction and overview of our committee activities and organization to any new participants, so please let me know if you would like me to do so.

In addition to our committee and subcommittee meetings, our committee is sponsoring or co-sponsoring the following sessions:

104	AHB50	Doctoral Student Research in Transportation Operations and Traffic Control	Marriott	Jan 23 2011 9:00AM- 12:00PM
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169	AHB45	<u>Simulation Modeling and Analysis of Effect of Operational Improvements on Greenhouse Gas Emissions: Integrating U.S. EPA MOVES Model and Other Power-Based Emission Models with Simulation Models</u>	Shoreham	Jan 23 2011 1:30PM- 4:30PM
384	AHB40	<u>Capacity and Level of Service of Roundabouts, Freeways, and Nonauto Modes</u>	Marriott	Jan 24 2011 7:30PM- 9:30PM
464	AHB40	<u>Capacity and Level of Service of Intersections and Urban Streets</u>	Marriott	Jan 25 2011 9:30AM- 12:00PM
524	AHB40	<u>The 2010 Highway Capacity Manual</u>	Marriott	Jan 25 2011 1:30PM- 3:15PM

The committee meeting agenda is provided in pages 6-9 of this memo. Please provide me with any comments and suggestions regarding the agenda at your earliest convenience. I look forward to seeing you all in Washington, D.C. in January!

Attachments:

1. Committee Roster
2. Committee Organization
3. Meeting Schedule
4. HCQS Committee Meeting Agenda

AHB40 Committee on Highway Capacity and Quality of Service Roster, August 2010

Member	Agency	Phone	e-mail
1 Elefteriadou, Lily	University of Florida	(352) 392 9537, x 1452	elefter@ce.ufl.edu
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E Robinson, Carlton	Retired	(301) 229 7133	crobison99@verizon.net
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I Luttinen, Tapio	Helsinki Univ. of Tech.	011.358.40.507.2523	tapio.luttinen@tkk.fi
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Y Schroeder, Bastian	Research Associate, NC State University	(919) 515 8898	Bastian_Schroeder@ncsu.edu
3 Bloomberg, Loren	CH2MHill, Inc.	(714) 435 6020	lbloombe@CH2M.com
4 Bryson, Robert	City of Milwaukee	(414) 286 3244	robert.bryson@milwaukee.gov
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8 Flannery, Aimee	George Mason Univ.	(703) 993 1738	aflanner@gmu.edu
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13 Hunter, Mike	Georgia Inst. of Tech.	(404) 385 1243	michael.hunter@ce.gatech.edu
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Committee Organization

Group 1 - Administration – Tom Creasey, 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: Zong Tian
- TRB Conference Sessions and Mid-Year Meetings: Mohammed Hadi
- Research Subcommittee– Mike Hunter (HCM 2010 Chapters 4, 24)
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Group 2 - Uninterrupted Facilities Group – Loren Bloomberg

The purpose of this group is to provide capacity and performance estimation procedures for the design and operation of uninterrupted flow facilities. This group is responsible for HCM 2010 Chapters 6, 10-15, 25-28, 35. The following subcommittees are in this group:

- Freeways & Multi-lane Highways – Scott Washburn
- Two-Lane Highways - Bruce Robinson
- Traffic Simulation and Applications Subcommittee – Alex Skabardonis
- ATM Task Force – Kevin Hanley

Group 3 - Interrupted Facilities Group – Bob Bryson

The purpose of this group is to provide capacity and performance estimation procedures for the design and operation of Interrupted flow facilities. This group is responsible for HCM 2010 Chapters 16-22, 29-34. The following subcommittees are in this group:

- Signalized Intersections - Elena Prassas
- Unsignalized Intersections – Lee Rodegerdts
- Interchange Ramp Terminals - Joel Marcuson
- Urban Streets – Janice Daniel

Group 4 - Multimodal and Preliminary Engineering – Martin Guttenplan

The purpose of this group is to provide and/or adapt capacity and performance estimation procedures for the planning and preliminary engineering of multimodal highway facilities. This group is responsible for HCM 2010 Chapters 2, 3, 5, 9, 23.

- Pedestrian/Bicycle Subcommittee – Peyton McLeod
- Planning and Preliminary Engineering Subcommittee– Andy Wolfe
- Quality of Service Subcommittee - Aimee Flannery

Group 5 - User Liaison - Bill Sampson

The purpose of this group is to promote the use of the HCM and to assist new and existing users appropriately apply the HCM. This group is responsible for HCM 2010 Chapters 1, 7, 8.

- Outreach Subcommittee – Dirk Gross
- Technical Subcommittee – Robert Foyle
- HCM Errata and Interpretations – Pete Terry
- International Liaison – Manuel Romana

**Annual Meeting of the
Committee on Highway Capacity and Quality of Service (AHB 40)
Marriott-Wardman Park
Washington DC, January 22-24, 2011**

Saturday, January 22		
11:30-1:00 PM	Group Leaders' Meeting (By Invitation Only)	
	Room A	Room B
1:00-1:15 PM	Welcome/Meeting Overview (Elefteriadou)	Welcome/Meeting Overview (Creasey)
1:15-2:45 PM	Freeway/Highway (Washburn)	Signalized Intersections (Prassas)
2:45-3:00 PM	BREAK	BREAK
3:00-4:30 PM	Two-Lane Highways (Robinson)	Interchanges (Marcuson)
4:30-4:45 PM	BREAK	BREAK
4:45-6:15 PM	Traffic Simulation (Skabardonis)	Urban Streets (Daniel)

Sunday, January 23

	Room A	Room B
8:00-9:15 AM	Planning and Prelim. Eng. (Wolfe)	Unsignalized Intersections (Rodegerdts)
9:15-9:30 AM	BREAK	BREAK
9:30-10:45 AM	Group 2 Uninterrupted Flow (Bloomberg)	Group 3 Interrupted Flow Burgundy B (Bryson)
10:45-11:00 AM	BREAK	BREAK
11:00-12:15 PM	Quality of Service (Flannery)	Research (Hunter)
LUNCH BREAK		
	Room A	Room B
1:30-2:45 PM	ATM Task Force (Hanley)	Bike & Ped (McLeod)
2:45-3:00 PM	BREAK	BREAK
3:00-4:15 PM	Group 5 User Liaison (Sampson)	Group 4 Plan & Prelim. Eng. (Guttenplan)
4:15-4:30 PM	BREAK	BREAK
4:30-5:45 PM	Web Site (Creasey)	6 th International Symposium Planning - (Koutsopoulos)

Monday, Jan 24

8:00-12:00 Noon	Highway Capacity and Quality of Service Committee Meeting Room TBD

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

**Monday, January 24, 2011 – 8 AM
Washington, DC**

Chair: Lily Elefteriadou, elefter@ce.ufl.edu
Secretary: Tom Creasey, tcreasey@entran.us
Committee Website: <http://www.ahb40.org/>

1 Opening Session (8:00 AM)

- A) Circulate Attendance Sign-Up Sheet and Membership Roster
- B) Roundtable Introductions
- C) Welcome New Participants

2. Consent Agenda (8:15 AM)

These items will be approved by the committee by unanimous consent. Any member of the committee may request that an item be removed from the consent agenda and treated as an action item

- A) Committee Meeting Minutes (July 2010) (Tom Creasey)
- B) HCM Interpretations. The Committee endorses the clarifications and interpretations to the HCM 2000 proposed by the Interpretations/User Interface Subcommittee posted on the committee website. (Bill Sampson)

3. The HCM 2010 Publication (8:30 AM)

4. Transportation Research Board and Other Reports (8:45AM)

- A) TRB Staff Report - **Richard Cunard**
- B) NCHRP/TCRP Staff Report - **Ray Derr**
SCORE Results of last round
Submittal deadlines for next round (September)
- C) Strategic Highway Research Program II (**Bill Hyman**)
 - L08 – Incorporation of Non-Recurrent Congestion Factors into the Highway Capacity Manual Methods
- D) Institute of Transportation Engineers Joint Activities Report (**Bill Sampson**)
- E) Federal Highway Administration Report (**Bob Sheehan/Jim McCarthy**)

- F) Inter-Committee Coordination
 - Freeway Operations (AHB20) (**Abdul-Rahman Hamad**)
 - Traffic Signal Systems Committee (AHB25) (**Larry Head**)
 - Traffic Flow Theory Committee (AHB45) (**Mohammed Hadi**)
 - Transit Capacity and QOS Committee (APO15) (**Paul Ryus, Kevin St. Jacques**)
 - Performance Measure Committee (ABC30) (**John Zegeer**)
 - Committee on Bicycle Transportation (ANF20)(**Martin Guttenplan**)
 - Others?

- G) Task Force and Joint Subcommittee Coordination
 - Joint Subcommittee on Simulation (AHB45(1))(**George List, Chair**)
 - Joint Subcommittee on Active Traffic Manage (**Beverly Kuhn, Chair**)
 - Roundabout Task Force (**Lee Rodegerdts**)
 - Joint Intersection Subcommittee (**Brandon Nevers**)
 - Others?

5. HCQS subcommittee membership rules (9:15 AM)

- A) Presentation and Discussion (**Tom Creasey**)

6. Group Reports (10:00 AM)

- A) Paper Review and Best Paper Award – (**Zong Tian**)

- B) Roster and Website (**Tom Creasey**)

- C) Group 2: Uninterrupted Flow Group Report (**Loren Bloomberg**)
Freeways, Highways, 2-Lane Highways, Simulation Applications, Active Traffic Management

- C) Group 3: Interrupted Flow – **Bob Bryson**
Urban Streets, Signalized Intersections, Unsignalized Intersections, Interchange Ramp Terminals

- D) Group 4: Multimodal & Preliminary Engineering – **Martin Guttenplan**
Planning, Preliminary Engineering, Transit, Bicycle, Pedestrian, Quality of Service

- E) Group 5: User Liaison Group – **Bill Sampson**
Outreach, Technical, Errata, International Liaison

7. Upcoming Meeting Plans (11:30 AM)

- A) Year 2011 - 6th International Symposium – (June 28 to July 1, 2011, Tues-Fri, Hilton Stockholm Slussen Hotel, Stockholm, Sweden) –**Haris Koutsopoulos**
 - a. Technical Program Committee (**Zong Tian**, Haris Koutsopoulos, Barbara Ostrom, Rich Cunard, Lily Elefteriadou, Werner Brilon, Hideki Nakamura, Manuel Romana)
 - b. Technical Tour – ATM installations in Europe (Stockholm, Germany, Netherlands....)(**Dowling**)
- B) Year 2012 Summer Meeting – Joint Meeting with Traffic Flow Theory Committee (**Mohammed Hadi/Rich Cunard**)
- C) Year 2013 Summer Meeting – New York (**Mohammed Hadi/Roger Roess**)

7. Closing Session (11:45)

- A) Final Circulation of Sign-Up Sheet and Membership Roster
- B) Rotation of Committee Members
- C) Adjournment