

## 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:** May 12, 2010

**Subject:** HCQS Mid-Year Meeting 2010

The 2010 Mid-Year Meeting of the Committee on Highway Capacity and Quality of Service - HCQS (AHB 40) will be held on Wednesday July 28<sup>th</sup> to Saturday July 31<sup>st</sup> at the Hotel Vintage Plaza, Portland, Oregon. You can register and find additional information through the meeting website at: <http://ahb40.org/midyear/index.html>.

During this meeting we will be discussing and voting on the last two chapters of the 2010 HCM (we are almost there!) We will also be developing plans for disseminating information regarding the new manual, as well as for addressing questions and comments. Finally, we will be making plans for future research and preparing for the upcoming project SHRP2 L08 – Incorporating reliability into the HCM.

In addition to the technical events, our gracious hosts, Kittelson and Associates, Inc., are planning a reception for us at their offices on Wednesday July 28<sup>th</sup> and a cruise on the Columbia River Gorge on Friday July 30<sup>th</sup>! Additional details regarding things to do in Portland and surrounding areas are provided on the meeting website.

Please provide me with any comments or suggestions regarding the meeting schedule and agenda at your earliest convenience. I look forward to seeing many of you at the end of July in Portland!

**Attachments:**

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

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

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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: B. Kent Lall
- Website: Andy Wolfe
- Research Subcommittee– Robert Foyle (HCM 2010 Chapters 4, 24)
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### **Group 2 - Uninterrupted Facilities Group – Abdul-Rahman Hamad**

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. The following subcommittees are in this group:

- Freeways & Multi-lane Highways – Scott Washburn
- Two-Lane Highways - Bruce Robinson
- Traffic Simulation and Applications Subcommittee – Loren Bloomberg

### **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 - Martin Guttenplan
- 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 will be 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

**Mid-Year Meeting of the  
Committee on Highway Capacity and Quality of Service (AHB 40)  
Hotel Vintage Plaza, Portland, Oregon  
July 28-31, 2010**

<b>Wednesday July 28</b>		
7:30 – 9:00 AM	HCQS Group Leader Breakfast Meeting (By Invitation Only)	
9:00 AM–12:00 PM	Unsignalized Intersections Workshop (Rodegerdts)	Urban Streets Workshop (Daniel)
LUNCH		
1:00 - 3:00 PM	Welcome and Meeting Agenda Overview (Elefteriadou) Service Volume Tables Committee-Wide Workshop (Guttenplan/ Wolfe)	
3:00 - 3:15 PM	BREAK	
3:15 - 5:15 PM	Computational Engines Committee- Wide Workshop (Bloomberg)	
5:30 – 7:00 PM	WELCOME RECEPTION – KAI OFFICE	

<b>Thursday July 29</b>		
8:00-9:45 AM	Freeway/Highway (Washburn)	Signalized Intersections (Prassas)
9:45-10:00 AM	BREAK	
10:00-11:30 AM	Two-Lane Highways (Robinson)	Interchanges (Marcuson)
11:30-1:30 PM	ITE Lunch	
1:45-3:30 PM	Traffic Simulation (Bloomberg)	Urban Streets (Daniel)
3:30 – 3:45 PM	BREAK	
3:45 - 5:30 PM	Planning and Prelim. Eng. (Wolfe)	Unsignalized Intersections (Rodegerdts)

<b>Friday, July 30</b>		
8:00-9:45 AM	Group 2 Uninterrupted Flow (Hamad)	Group 3 Interrupted Flow (Bryson)
9:45-10:00 AM	BREAK	
10:00-11:30 AM	Quality of Service (Flannery)	Research (Foyle)
11: 30 AM-1:00 PM	WORKING LUNCH Web Site (Creasey)	WORKING LUNCH Bike & Ped (Guttenplan)
1:00 – 3: 00 PM	Group5 User Liaison (Sampson)	Group 4 Plan & Prelim. Eng. (Guttenplan)
3:30 - 10:00 PM	COLUMBIA RIVER CRUISE AND DINNER	

<b>Saturday, July 31</b>	
8:00 AM-12:00 PM	Highway Capacity and Quality of Service Committee Meeting

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**Transportation Research Board Committee AHB40**  
**Committee on Highway Capacity and Quality of Service**  
**MEETING AGENDA**  
**Saturday, July 31, 2010, 8:00 AM – 12:00 PM**  
**Portland, Oregon**

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

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1 Opening Session (8:00 AM)

- A) Circulate Attendance Sign-Up Sheet and Membership Roster
- B) Roundtable Introductions

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 (Jan. 2010) submitted to committee members through e-mail (Lily Elefteriadou/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. Transportation Research Board and Other Reports (8:20 AM)

- A) TRB Staff Report - **Richard Cunard**
- B) NCHRP/TCRP Staff Report - **Ray Derr**
- C) SHRP2 – **Bill Hyman**
- D) Institute of Transportation Engineers Joint Activities Report (**Bill Sampson**)
- E) Federal Highway Administration Report (**Grant Zammitt /John Halkias**)
- F) Inter-Committee Coordination
  - Transit Committee coordination (**Paul Ryus, Kevin St. Jacques**)
  - Traffic Flow Theory Committee coordination (**Loren Bloomberg**)
  - Performance Measure Committee coordination (**John Zegeer**)
  - Roundabout Task Force coordination (**Lee Rodegerdts**)
  - Committee on Bicycle Transportation (**Martin Guttenplan**)

G) Joint Intersection Subcommittee (**Brandon Nevers**)

4. Adoption/Discussion of HCM 2010 Chapters (8:45 AM)

A) Chapter 9 - Glossary (**Guttenplan/Wolfe**)

B) Chapter 29 - Urban Street Segments: Supplemental (**Bryson/Daniel**)

C) Maintenance of 2010 HCM Part IV – (**Mark Vandehey/Barbara Ostrom**)

5. Computational Engines/Loren Bloomberg (9:15 AM)

6. Research Statements Prioritization/Bob Foyle (10:00 AM)

7. HCQS subcommittee membership rules/Tom Creasey (10:30 AM)

8. Reports/Motions From Each Group (11:00 AM)

A) Group 1: Administration – **Tom Creasey**  
Roster, Website, Conference Sessions

Paper Review and Paper Award (2010) – **Zong Tian**

B) Group 2: Uninterrupted Flow Group Report – **Abdul Rahman Hamad**  
Freeways, Two-Lane Highways, Simulation Applications

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

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

E) Group 5: User Liaison Group – **Bill Sampson**  
Outreach - **Dirk Gross**

6. Upcoming Meeting Plans (11:30 AM)

A) Year 2011 - 6<sup>th</sup> International Symposium – Stockholm, Sweden – **Haris Koutsopoulos/Zong Tian**

C) Year 2012 – Proposal by New York - **Roger Roess**

7. Closing Session (11:45 AM)

A) Final Circulation of Sign-Up Sheet and Membership Roster

B) Committee rotation

C) Adjournment