

ANNUAL MEETING MINUTES

This year's attendance by 25 people was nearly double the attendance in 2005. The subcommittee roster has grown to 40 members and friends. It seems that at least 90 minutes of meeting time is needed so that people present have a chance to voice their priorities and concerns regarding freeway simulation tools and applications.

One has to become a member of the parent committee AHB20 in order to be a member of any subcommittee. There may be positions opening at the parent committee due to rotations, with an emphasis on members well under 30 years of age at the time of the appointment who are in transportation/freeway operations practice. Pete Briglia's AHB20 chairmanship sunsets in March and Phil Masters takes the helm on April 1, 2006.

There was lively discussion in the room after Dr. Alexiadis' brief progress report on the NGSIM project. A number of items and issues were identified as important and several of them were included in the attached document. Among them:

- * Simulation of managed lanes.
- * Modeling of non-recurrent events such as work zones, special events and incidents.
- * Lack of guidance for capacity reduction in work zones, under inclement weather, for substandard geometric features, etc.
- * Current models are rather weak in replicating oversaturated conditions.
- * Models should have a more direct accommodation of toll plaza operations.
- * The detailed driver and driving behavior variables and their uncertainty as well as the need for multiple-seed runs undermine the practicality and responsiveness of advanced traffic microsimulators.
- * Mesoscopic simulation may become a more handy tool for decision making -- it can incorporate a larger variety of network features such as ITS, managed lanes, work-zones and has or can have built-in DTA for rerouting.

PAPERS AND PRESENTATIONS ON FREEWAY SIMULATION APPLICATIONS AND RESULTS

We will use the subcommittee's website to develop a handy repository of linked papers and presentations on freeway simulation applications and results. Please send me appropriate .doc, .pdf. and .ppt and they will be linked.

RESEARCH CIRCULAR -- ANALYSIS TOOLS

- The attached version of chapter 11 of the Research Circular on Freeway Operations,
- Incorporates comments from John Tolle and Steve Latoski, and includes many of the issues raised at the annual meeting (see above).
 - Was cut to five pages as requested by Research Subcommittee AHB20(1).
 - Does not include specific, prioritized research statements, also as requested by AHB20(1).

Your comments are welcome until February 20, 2006.

FREEWAY OPERATIONS SYMPOSIUM IN JUNE 2006

Last but not least one more reminder that abstracts are due on February 17, 2006 for AHB20's Symposium and Midyear Meeting.

Detailed information via the AHB20 website or at: http://www.citycongress.com/1_ISFO/