

**Minutes of the Passenger Travel Demand Forecasting Committee
(ADB40, formerly A1C02)**

Wednesday, January 14, 2004, 2:30 PM – 6:00 PM

83rd Annual Meeting of the Transportation Research Board
Hilton Washington Hotel and Towers, State Room
Washington, DC

1. Introductions

Introductions were made around the room, and a sign-in sheet was passed around.

2. Staff Report (Kim Fisher)

Kim reported that the TRB Technical Division reorganization is completed and provided a handout showing the changes. She also noted that TRB is encouraging submittals of cooperative research statements, and this is a great time to submit. Kim is willing to help whenever possible.

Kim encouraged everyone to look at www.TRB.org for information on upcoming conferences including the Mid-Year Meeting for Planning, Administration, and Finance, which is July 25-27 in Park City, UT; Research on Women's Issues in Transportation in November; and the TRB 2005 Annual Meeting, which is Jan 9-13, 2005.

TRB conference attendance has been stable this year, with about 9300 people. However, there were 15% more papers submitted than last year (almost 2500 papers). Papers submitted in the Planning and Environment section went up 30%, to 455 papers.

The TRB e-newsletter is currently distributed to about 12,000 people. If you would like to receive it and currently do not, please email Kim.

Kim asked for suggestions on how sessions could be improved. It was noted that more space was needed for the poster session, and also that the number of papers (78) made it difficult to view them all in 3 hours. Several suggestions were made to improve the poster session, including:

- leave the posters up all day
- provide signs to indicate topic areas
- create posters showing the scope of each sponsoring committee
- provide resources/pointers for poster presenters
- provide a map of table locations
- if one author has 2 posters, place them next to each other

There was also some discussion about what TRB is doing to accommodate the growing attendance and sessions at the Annual Meeting. Kim replied that TRB has been looking at alternatives including a 4th hotel, but it has been difficult to find one that has a lot of meeting rooms. Moving the meeting to the convention center is another alternative, but this would be

expensive as TRB would have to pay for meeting space, which they currently do not. Another suggestion was to move the meeting out of DC, or to another area in the DC region that could accommodate everything close together. Any changes that take place will be far in the future, as TRB has signed contracts with the current hotels through 2007.

3. Emeritus Membership Presentation

Kim and Chandra presented the TRB Emeritus Membership to Frank Koppelman. Frank also received the IATRB Lifetime Achievement Award this year.

4. TRB Technical Division Reorganization

Chandra showed the old and new structures of the Division A Council in a slide show. The changes were made in part to elevate the status of non-highway modes to the group level. This committee is under the Planning and Environment Group (D), Travel Analysis Methods Section, making the new committee code ADB40.

5. Committee Scope and Title

Changes to the committee scope and title have already been approved by the committee. TRB is considering these changes, but is in the process of looking at the scope of all committees under the new structure. A final determination on the scope change will be made at that time, but there are no foreseeable problems with the change.

6. Committee Structure

The committee currently has two Technical Subcommittees, and four Research and Technology Transfer (RTT) Facilitation Subcommittees. All subcommittees are required to provide a report of their activities at TRB committee meeting. In addition, at least one member of each of the RTT subcommittees should attend the TRB meetings of the Technical subcommittees.

7. New TRB Task Force Relevant to Committee

There is a new TRB task force which may be of interest to committee members. The new task force is number AT016T, Innovations in Freight Transportation Modeling, chaired by Rick Donnelly.

8. Committee Membership

The committee has 29 regular members and one young member. An additional young member will be added soon.

a. Geographical distribution

The committee has good geographic representation, with 24 members spread around the US and Canada and 5 international members, from Switzerland, Australia, and the UK

b. *Professional category distribution*

The committee has 13 members from academia, and 17 non-academic members. Of the non-academic members, 13 are consultants. TRB would like to see the committee have more representation from local and state agencies

c. *Expectations*

The expectations of the committee members are:

- Attend A1C02 TRB business meeting
- Serve on subcommittees as called on and meet subcommittee reporting requirements/expectations
- Liaison representatives should attend the TRB meetings of the committee assigned
- Review 5-6 papers within about 5 weeks in August-September
- Be proactive in contributing to committee scope, events, and interests

Friends of the committee are expected to review about 2 papers.

Further discussion on paper review ensued, as this committee receives a lot of papers and therefore has heavy review needs. Bruce Pierce offered that the Spatial Data committee is willing to review any papers relating to GIS. It was suggested that potential members might be able to review more papers than other friends of the committee.

d. *Rotation*

1/3 of the committee membership must be rotated off every 3rd year, and individual members must be rotated off after they have completed 9 years as committee members. This committee did rotations last year, so the next rotation year will be 2006.

9. Committee Report

a. *New members*

Several new members were added to the committee this year. The new members are Paul Waddell, Rick Donnelly, Bruce Pierce, Peter Stopher, Peter Vovsha, and Joe Castiglione.

b. *2003 meeting report*

Minutes from the 2003 meeting were sent out following the meeting, and sent again recently.

c. *2004 paper reviews*

Statistics for the number of papers submitted and accepted are listed in the Agenda. As a general TRB guideline, 28% of the papers submitted can be published. This committee has done well meeting this target. The potential to go beyond the Transportation Research Record publication to publish some papers in other journals was discussed. Ram Pendyala pointed out that this committee, along with the Travel Behavior committee, generally get a lot of good papers, so perhaps some could be selected for an issue of a journal such as Transportation. Ram has approached the editors and received a positive response. Also, this has been discussed with TRB staff who also gave a positive response. Details to be worked out over course of this year

Martin Richards, editor in chief of Transportation added that this was an exciting and interesting possibility, and that they are prepared to provide an extra issue of the journal to accommodate this (TRB Special Issue). There is a need to agree on arrangements of how papers are selected for this special issue. If anyone has additional comments, please talk to Chandra and/or Ram.

d. Self-evaluation report feedback

The committee submitted its Triennial Self-Evaluation in 2003. A draft was sent to committee members for comments before the final version submitted. TRB's response to the self-evaluation was sent out to the committee. In general, the feedback was very positive. Chandra read several of the comments aloud.

10. Subcommittee Reports

a. Emerging Methods (Joan Walker)

At the subcommittee's meeting, they discussed several issues, including, econometrics, behavior, inter-household interactions, spatial choice, model sensitivity to inputs, level of complexity, validation of advanced methods, and evidence that advanced methods have improved modeling capabilities. The committee's initiatives for this year are to produce a call for papers on inter-household interactions and group decision making. The committee would also like to sponsor a workshop or paper on validation.

b. Integrated Transportation and Land Use Modeling (Eric Miller)

This subcommittee met on Tuesday and had about 40 attendees, many of them first-timers. The subcommittee also sponsored two sessions on Tuesday, 539 and 570, both of which were well-attended. Discussion at the committee meeting focused on operational models (demonstrating capability, success stories), and representations of space and time. The subcommittee would like to issue a widespread call for papers to tap other field, and a call for papers on performance measures (jointly with the Performance Measures committee). At next year's meeting, the subcommittee would like to sponsor a Sunday workshop on model state of the practice and case studies

c. Research Agenda Development (Tom Rossi)

The subcommittee submitted three research statements to NCHRP this year, on spatial analysis, microsimulation models, and land use, and one research statement to TCRP, on smart cards. They plan to remain active in submitting statements to these entities. In addition, they prepared three calls for papers, on model portability, choice set construction, and dynamics and models of decision-making in a temporal context.

A meeting was held between the research subcommittee, TRB staff, and FHWA representatives on how to promote research needs. Topics included making sure practitioner concerns are addressed, coordination with other committees, including the Statewide Planning committee, addressing network analysis and not just demand, policy sensitivity in new modeling techniques, and a handbook for MPOs. The F-sharp (Future Strategic Highway Research Program) process through the National Academy of

Sciences will be providing up to \$20 million for planning; this is something the committee will be looking into.

d. Web Development (Chris Forinash)

In the past 6 months, about 10-12 people have visited the committee website. Information about previous and current meetings is provided there, in addition to committee member contact info. Last year, the subcommittee tried to gather data about the committee members, including interests and expertise. Approximately half of the committee responded to this request, and the results are provided in a beta version of a searchable, editable database.

The land use subcommittee expressed an interest in having links to papers available. Subcommittee chairs will work with the web subcommittee to provide selective information on the website.

All committee members who haven't yet done so should add information on their expertise to the website. A reminder will be sent out by the web subcommittee. It would also be helpful if committee members provide links to www.A1C02.net from their personal websites. There was a suggestion to change the website name, partly because the committee number has changed, and also to have the name be something "searchable". It was also suggested that relevant paper preprints and PowerPoint presentations from TRB be added to the website.

e. Activities Coordination (Rick Donnelly)

Rick gave a report of the microsimulation workshop at the TRB Summer meeting in Portland. There were about 15 attendees at the workshop, which was very technically focused, and resulted in some good exchange of information. There was some discussion about why there were not more attendees at the workshop, and some thoughts were that people didn't know about the meeting or couldn't find the information, and also that there were some budget constraints, especially for government agencies. Many people felt that it might be better not to have a workshop at the summer meeting, and to focus on having workshops only at the Transportation Planning Applications conference and at the TRB Annual Meeting. It was suggested that the committee could hold its own conference covering some of the topics that have been brought up, but the problem with this becomes that there are a lot of conferences, and people will not be able to attend all of them. The result of the discussion was to focus on workshops at TRB and the Planning Applications conference in April 2005. The workshop at the Annual Meeting will be from the ideas brought up by the technical subcommittees. Eric and Joan will write up brief ideas of workshop ideas and give them to Rick by February 15. Suggestions for the workshop at the Planning Applications conference include process data, population synthesizing, or dynamic network simulation. These topics will need to be tailored to the audience at this meeting.

The committee will also look at holding a conference co-sponsored by TMIP (organized by the committee through TRB) in the off-year of the Planning Applications conference (making the TMIP meeting in 2006). The committee would need to have an

organizational meeting this year to start planning for the conference. Another important consideration will be to keep the meeting away from the IATBR meeting in August/September 2006 in Kyoto, Japan. Bruce, Rick, Paul, Howard, Ram, Tom, and Keith will work on organizing this. A possible location is the Caltrans training center in Monterey.

f. Data Information

This committee has not done much joint work, but the individual committee members have made progress on their own. David Levinson has collected about 60 datasets from US sources and Kay Axhausen has gotten a similar number from Europe. These have been made available, but a wider strategy still needs to be considered.

11. TRB 2004 Mid Year Meeting

A document will be provided on the committee website that discusses key points from the mid-year meeting. Peter Vovsha, Joe Castiglione, and Joel Freeman presented a brief summary of the microsimulation workshop.

12. Process Data (Maren Outwater)

Maren did a presentation on process data, which consists of measuring the decision process rather than just the outcome. The presentation discussed process data that is currently being collected, what data needs to be collected, and in what directions this research should go.

13 – 17. Due to time considerations, the remaining agenda items were skipped or had already been discussed.

Minutes prepared by Jennifer Steed.

**AGENDA
2004 BUSINESS MEETING
TRANSPORTATION RESEARCH BOARD
COMMITTEE ON PASSENGER TRAVEL DEMAND FORECASTING (ADB40, A1C02)**

Wednesday Jan 14th, 2004

2:30 PM

State Room, Hilton Hotel

- 1) Introductions
- 2) Staff Report (Kim Fisher)
- 3) Emeritus Membership Presentation
- 4) TRB Technical Division Reorganization
 - a) Objectives
 - b) New structure
 - c) Implications for committee
- 5) Committee Scope and Title
- 6) Committee Structure
- 7) New TRB Task Force Relevant to Committee
 - a) Innovations in freight transportation modeling – AT016T (Rick Donnelly)
- 8) Committee Membership
 - a) Geographical distribution
 - b) Professional category distribution
 - c) Expectations
 - d) Rotation
- 9) Committee Report
 - a) New members
 - b) 2003 meeting report
 - c) 2004 paper reviews:
 - A1C02 and A1C02(1): 11 papers submitted for presentation only, 41 papers submitted for presentation and publication, 1 paper submitted for publication only. 27 papers accepted for presentation (acceptance rate 52%), 15 papers being considered for publication.
 - A1C02(2): 3 papers submitted for presentation only, 11 papers submitted for presentation and publication, 0 papers submitted for publication only. 6 papers accepted for presentation (acceptance rate 43%), 3 papers being considered for publication.
 - d) Self-evaluation report feedback

- 10) Subcommittee Reports
 - a) Emerging methods: Joan Walker and Karthik Srinivasan
 - b) Integrated transportation and land use modeling: Eric Miller/Doug Hunt
 - c) Research agenda development (prioritizing research items, guiding principles for research action plan, NCHRP/TCRP problem statements, big issue policy study recommendations, call for papers for TRB 2005)
 - d) Web development (current design, expertise and interests of committee members, update and maintenance)
 - e) Activities coordination
 - f) Data information
- 11) TRB 2004 Mid Year Meeting
- 12) Process Data: What Do We Mean By This and Why Do We Need Such Data for Travel Models?
(Maren Outwater, Mark Bradley, and Peter Stopher)
- 13) 2004 TRB Review Process and Session Organization
- 14) Conferences
 - a) Reports
 - b) Announcements
- 15) Research in Progress and Late Breaking News – Short Descriptions From the Floor
- 16) Overview/Discussion of Uses of the Newly Released Census Datasets in the Context of Model Development/Updates (Robert Sicko, Mirai Associates)
- 17) Other Business

**ADB40 Business Meeting
January 14, 2004
83rd Annual TRB Meeting, Washington, D.C.**

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