

**MINUTES OF COMMITTEE A1F03  
TRANSPORTATION AND AIR QUALITY  
ANNUAL MEETING**

**Monday, January 13, 2003  
Washington Hilton Hotel  
1:30 p.m. - 5:30 p.m.**

**1) Welcome and Introductions**

Chairman Siwek called the meeting to order at 1:35 p.m. The meeting was well attended by Committee members and other interested parties (attendance list and meeting agenda are attached). Chair Siwek discussed Committee appointments and turnover and indicated that, this year, all members needed to sign and return the appointment form. Attendees participated in self-introductions.

Tom Weck Division Chair then made some overview remarks concerning the ongoing TRB Annual Meeting. He reported very high attendance this year, up from last year with some 8000+ participants. There was some TRB restructuring in progress within the National Academy of Sciences, and in terms of the Divisions / Group structure. He also indicated that in 2005 TRB will host a mid-year meeting, which would be held outside of Washington, DC.

**2) Review of Activities Scheduled for Annual Meeting**

Chair Siwek provided an overview of Committee and related activities for the ongoing TRB Annual Meeting. The Committee's session 266, Air Quality Programs: CMAQ and Conformity Experience, was held that morning. Session 466, Air Toxics, was scheduled for Tuesday. A poster session 311, Transportation Planning in Developing Countries, was currently in progress, i.e., in conflict with the Committee meeting. Session 431, Help Me! I've Fallen into Nonattainment and Can't Get Out, co-sponsored by A1F03 and A1D05 (Committee on Transportation Planning Needs and Requirements of Small and Mid-sized Communities), was scheduled for Tuesday morning.

**3) Committee Business** (some of the following items were covered out of sequence)

Chair Siwek began Committee business with a request for a review of the Minutes from the January 2002 meeting, which Mr. Clifford had distributed. The Committee approved the minutes as submitted.

**a. Strategic Plan for the Committee and Triennial Self-Evaluation (TSE) for A1F03**

Chair Siwek inquired whether an approved Committee scope was in the TRB database? Mr. Guensler reported that it was in the TSE, but the TRB database would have to be checked. Volunteers for the task of reviewing the TSE and Strategic Plan to check that they were in synchronization included: Chris Saricks, Mike Savonis and Peter Kleeman. There was some discussion of preparing a listing of papers published by the Committee over the last three years (those presented at the Winter meetings at a minimum, but also to include the Summer meetings, if the papers were exceptional). Mr. Guensler said that he did not have a list at the ready, but could possibly >unarchive= emails or other reports to develop such a list. Subsequently a list was provided by Freda Morgan of TRB.

### **b. New Members and Openings on Membership Roster**

Chair Siwek reported that Committee memberships for the year were being finalized for both new members and continuing members, including two new young members (under age 30).

### **c. Subcommittee Status Reports**

Chair Siwek opened the topic for discussion. Chris Grant led off with a report on the Communications Subcommittee. Information was available on the web page ([www.A1F03.org](http://www.A1F03.org)), including meeting information and presentations. Chris will post the presentations from the #266 and #466 sessions if the presenters email him the information.

Shauna Hallmark followed with a report on the Project Level Analysis (formerly called the Signalized Intersection) Subcommittee, which included initiation of a >state of the practice= survey of MPOs.

Other reports included: (1) Mike Savonis, Chair of the TCM Subcommittee, who distributed a handout for review and comment, on the Subcommittee=s mission statement and web site; (2) Matt Barth and Rob Ireson, co-chairs of the membership Subcommittee. Discussion ensued under Student Activities, regarding a student paper competition proposal. The competition could take place under a larger framework than just the A1F03 Committee, possibly extending to all of Group 1. It was emphasized that strict rules would be necessary for the competition, for both students and judges. The Committee passed a motion to approve the proposed student paper competition and Randy Guensler, Mohan Venigalla, Roger Wayson and Matt Barth are charged with developing and implementing the competition. .

Under the Mobile6 Outreach Subcommittee, Chair Siwek passed Chairmanship of the Subcommittee to Cecilia Ho. She reported on a new grant to AMPO (Association of Metropolitan Planning Organizations) which would address modeling issues, air quality issues and outreach.

Although John Zamurs, Chair of the Research Needs Subcommittee, could not be present, there was some discussion of the topic, including: outreach and coordination via the annual Environmental Research Needs Conference; emphasis on fine particulate matter and air toxics;

and a new National Highway Institute project on Estimating Regional Emissions. It was reported that NCHRP has about \$20 million a year for research.

**d. 2002 Summer Meeting**

Chris Saricks provided a brief report on the meeting held in July 2002 in Port Huron, Michigan. The meeting was very informative. It was co-sponsored by three committees: energy, alternative fuels, and air quality, and included a diverse group of attendees. Attendance was low, however, possibly due to nearness to the holiday weekend and other national meetings. Meeting materials and a synopsis are on the Committee web site.

**e. 2003 Summer Meeting**

This item was discussed under agenda item 3)i.iv. below.

**f. Finance Update**

Roger Wayson reported the current Committee Treasury balance at \$3,230.18, and indicated that some additional monies would be reimbursed from the Summer Meeting. Other sources of funds could raise this total higher and there was discussion of possible disbursements, e.g., funds for the student paper competition discussed earlier. \$500 stipends were proposed to Rob Ireson, Shauna Hallmark and Mohan Venigalla for their work and expenses on the 2001 Summer Meeting. The Committee approved the motion. Roger Wayson is charged with getting these checks out to Shauna, Mohan, and Rob.

**g. Assignment of Responsibilities for 2003 Activities**

i. Paper Review

Mohan Venigalla reported on the paper review process for the 2003 Annual Meeting. The Committee received a total of 29 papers (28 papers plus a 110 page >thesis=), 22 of which were on modeling. Of these, 16 are at the poster session; 8 - 10 might be published. Randy Guensler indicated that publication is a TRB decision with only about 30% of the papers advancing. All paper reviews occurred electronically and it was a very successful process.

**WE NEED A VOLUNTEER(S) TO MANAGE THE PAPER PROCESS THIS YEAR. PLEASE EMAIL SARAH IF INTERESTED.**

ii. Summer Meeting

There was considerable discussion regarding a Committee Summer Meeting and whether

to hold our own meeting or to combine it with another planning committee meeting, e.g., ASCE. It was agreed to hold the meeting in conjunction with the multi-committee meeting in Portland, Oregon from July 13-18. **PLEASE SEE THE TRB WEBSITE FOR DETAILS AS THEY ARE DEVELOPED.** Ken Adler, Jennifer Dill, Susan Lee and Mohan Venigalla agreed to team up to explore the possibilities for agenda and logistics. **We have committed to a session on innovative ways to reduce emissions (on and off road) and seek interested presenters. Please indicate interest to Jennifer Dill and Mohan Venigalla. We are also assisting TRB staff in a session on emissions trading which should complement the innovative strategies session. Ideas or volunteers for speakers, please contact Jennifer Dill and Mohan Venigalla.**

iii. Officers

Roger Wayson and Mike Clifford agreed to continue their duties in 2003 as Treasurer and Secretary, respectively.

iv. Sessions for 2004

The Committee discussed different approaches for organizing the 2004 meeting: specific themes / platforms vs. a more general call for papers within the overall topic of transportation / air quality. Discussion also included different areas within a given topic such as Models and Methods, Data and Practical Experience, and Policy Issues. **Rob Ireson, Brian Bochner and Guido Schattaneck volunteered to draft some ideas for circulation. Please note we need to have all session information together on June 15 with the call for papers in MAY.**

v. Workshop for 2004

It was agreed that we would do an all day workshop at the January 2004 meeting. Possible workshop topics were suggested, including: New Air Quality Standards; associated Geographical Implications, e.g., possible multiple state / MPO nonattainment areas and early action compacts; Models; Microscale Analysis. Karen Heidel, Shauna Hallmark, Mike Clifford, and Dan Drake volunteered to organize such a workshop, on the Transition to Mobile6. **PLEASE NOTE THE WORKSHOP AND ALL DETAILS MUST BE COMPLETED BY JUNE 15 TO APPEAR IN THE PROGRAM.**

vi. Liaison with Other Committees

The following participants reported on activities for their group:

Chris Saricks	-	Transportation and Land Use
Rob Ireson	-	Urban Transportation Data and Information Systems
Brian Bochner -	-	Transportation Demand Management
Mike Savonis	-	Sustainability Task Force

- Mike Clifford - Planning Applications
- Karen Heidel - Paratransit
- Chris Grant - Environmental Impacts of Aviation
- John Suhrbier - Environmental Justice Task Force
- Mohan Venigalla - Small and Mid-sized Communities

The Committee recessed at 3:15 p.m. for a short break. After Chair Siwek reconvened the Committee at 3:25 p.m., Ron McCready gave a status report on NCHRP program activities, and discussed a proceedings report on Research Needs, and a new >quick response= contracting approach, i.e., task orders less than \$100,000 and extending for less than one year.

#### **4) Presentations**

The presentations began with Dave Brzezinski covering the MOVES model, EPA=s next generation mobile source emissions factor model. Then Wayne Kober did a presentation on the AASTHO Center for Environmental Excellence. Robb Barnitt of TIAX LLC did a presentation on the Gateway Cities Voluntary Diesel Emission Reduction Program for Heavy Duty Trucks. There was also a presentation by CSI on recently completed research.

#### **5) Other Business**

#### **6) Adjournment**

Chair Siwek adjourned the meeting at 5:30 p.m.

*Respectfully submitted,  
Michael J. Clifford  
Committee Secretary*

**TRANSPORTATION RESEARCH BOARD  
Committee Roster**  
 DIVISION A - TECHNICAL ACTIVITIES  
 GROUP 1 - TRANSPORTATION SYSTEMS PLANNING AND ADMINISTRATION  
 Neil J Pedersen, Chair  
 SECTION F - ENVIRONMENTAL CONCERNS  
 Thomas L Weck, Chair  
**A1F03 TRANSPORTATION AND AIR QUALITY**

Chair	Ms Sarah J Siwek President Sarah J Siwek & Associates Inc 8433 Holy Cross Place Los Angeles CA 90045-2634 Phone: 310-417-6660 x224 Fax: 310-417-6670 Email: ssiwek@aol.com	2/1/2002 *	1/31/2005 **
TRB Staff Rep	Ms Kimberly M Fisher Transp Plng & Environ Analysis Transportation Research Board Technical Activities (Div A) 500 Fifth Street NW Washington DC 20001 Phone: 202-334-2968 Fax: 202-334-2003 Email: kfisher@nas.edu		
Member	Dr Matthew J Barth Professor University of California - Riverside Ctr for Environmental Rsch & Tech 1084 Columbia Avenue Riverside CA 92507 Phone: 909-781-5782 Fax: 909-781-5744 Email: barth@cert.ucr.edu	2/1/1996 *	1/31/2005 **
Member	Mr Michael J Clifford Systems Plng Apps Director Washington Council of Governments Dept of Transp Planning 777 N Capitol St NE Ste 300 Washington DC 20002-4226 Phone: 202-962-3312 Fax: 202-962-3202 Email: mclifford@mwkog.org	1/19/1992 *	1/31/2005 **

\* Original appointment date  
 \*\* Term expires

Member	<p>Dr Christopher D Grant  Assoc Prof of Civil Engrg  Embry-Riddle Aeronautical University  Civil Engineering Dept  600 S Clyde Morris Blvd  Daytona Beach FL 32114-3900  Phone: 386-226-6665 Fax: 386-226-6747  Email: grantch@erau.edu</p>	2/1/2002 *	1/31/2005 **
Member	<p>Dr Randall Guensler  Associate Professor  Georgia Institute of Technology  Sch of Civil &amp; Environ Engr  790 Atlantic Drive  Atlanta GA 30332-0355  Phone: 404-894-0405 Fax: 404-894-2278  Email: r.guensler@ce.gatech.edu</p>	2/1/2002 *	1/31/2005 **
Member	<p>Dr. Shauna Hallmark  Assistant Professor  Iowa State University  402 Town Engineering  Department of Civil Engineering  Ames IA 50011  Phone: 515-294-5249 Fax: 515-294-8216  Email: shallmar@iastate.edu</p>	2/1/2002 *	1/31/2005 **
Member	<p>Dr Karen J Heidel  Environmental Consultant  Arizona Department of Transportation  Room 231 Mail Drop 619E  205 S 17th Avenue  Phoenix AZ 85007  Phone: 602-712-7760 Fax: 602-712-3066  Email: kheidel@dot.state.az.us  Mailing Address:  5741 E Paseo Cimarron  Tucson AZ 85750</p>	2/1/1990 *	1/31/2005 **
Member	<p>Ms Cecilia Ho  Transportation Conformity Team Leader  Federal Highway Administration  400 Seventh St SW  HEPN-40  Washington DC 20590  Phone: 202-366-9862 Fax: 202-366-3049  Email: cecilia.ho@fhwa.dot.gov</p>	2/1/2002 *	1/31/2005 **

\* Original appointment date  
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Member	<p>Dr Robert G Ireson Principal AirQuality Management Consulting 161 Vista Grande Greenbrae CA 94904-1135 Phone: 415-925-1440 Fax: 415-925-1440 Email: rob@aqmconsulting.com</p>	4/19/1993 *	1/31/2005 **
Member	<p>Mr John W Koupal Environmental Engineer US Environmental Protection Agency Office of Transportation and Air Quality Assessment and Standards Division 2000 Traverwood Drive Ann Arbor MI 48105 Phone: 734-214-4942 Fax: 734-214-4816 Email: koupal.john@epa.gov</p>	2/1/2002 *	1/31/2005 **
Member	<p>Mr Michael F Lawrence President Jack Faucett Associates Inc 4550 Montgomery Avenue Suite 300N Bethesda MD 20814-3304 Phone: 301-961-8835 Fax: 301-469-3001 Email: lawrence@jfaucett.com</p>	6/24/1991 *	1/31/2005 **
Member	<p>Dr William R Loudon Natl Transp Planning Manager DKS Associates 1956 Webster Street Suite 300 Oakland CA 94612 Phone: 510-763-2061 Fax: 510-268-1739 Email: wrl@dksassociates.com</p>	2/1/1996 *	1/31/2005 **
Member	<p>Dr David William Raper Reader Manchester Metropolitan University Environ &amp; Geographical Sciences Chester Street Manchester M15GD United Kingdom Phone: 44-161-247-6213 Fax: 44-161-247-6332 Email: D.W.Raper@mmu.ac.uk</p>	1/22/1999 *	1/31/2005 **

\* Original appointment date

** Term expires Member	Mr Christopher L Saricks Transportation Systems Analyst Argonne National Laboratory ES-362/2G 9700 South Cass Avenue Argonne IL 60439 Phone: 630-252-8335 Fax: 630-252-3443 Email: csaricks@anl.gov	2/4/1988 *	1/31/2005 **
Member	Mr Michael J Savonis Team Leader for Air Quality Federal Highway Administration HEPN-10 400 Seventh Street SW Washington DC 20590 Phone: 202-366-2080 Fax: 202-366-3409 Email: michael.savonis@fhwa.dot.gov	2/1/1999 *	1/31/2005 **
Member	Mr Guido G Schattaneck Sr Environmental Engineer Parsons Brinckerhoff One Penn Plaza New York NY 10119 Phone: 212-465-5118 Fax: 212-465-5595 Email: schattaneck@pbworld.com	1/10/1992 *	1/31/2005 **
Member	Dr Peter Sturm Division Head - Traffic & Environment Technical University Graz Institute-Thermal Combustion Engines/Thermodynamic Inffeldgasse 25 Graz A-8010 Austria Phone: 43-316-873-7581 Fax: 43-316-873-8080 Email: sturm@vkmb.tu-graz.ac.at	1/29/1999 *	1/31/2005 **
Member	Mr John H Suhrbier Principal Cambridge Systematics Inc Suite 4000 150 Cambridge Park Drive Cambridge MA 02140 Phone: 617-354-0167 Fax: 617-354-1542 Email: jhs@camsys.com	2/1/2002 *	1/31/2005 **

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Page 4 of A1F03

\*\* Term expires

Member	Dr Mohan Venigalla Assistant Professor George Mason University 4400 University Drive CeIE, MSN 4A6 Fairfax VA 22030-4444 Phone: 703-993-1630 Fax: 703-993-1521 Email: mvenigal@gmu.edu	2/1/2002 *	1/31/2005 **
Member	Dr Roger L Wayson Associate Professor University of Central Florida P O Box 162450 Civil & Environ Engrg Orlando FL 32816-2450 Phone: 407-823-2480 Fax: 407-823-3315 Email: wayson@pegasus.cc.ucf.edu	2/4/1988 *	1/31/2005 **
Member	Mr Tom Wenzel Scientist Lawrence Berkeley National Lab One Cyclotron Road Mail Stop 90-4000 Berkeley CA 94720 Phone: 510-486-5753 Fax: 510-486-6996 Email: tpwenzel@lbl.gov	2/1/2001 *	1/31/2005 **
Member	Dr John Zamurs Head Air Quality Section New York State Department of Transportation EAB 5-303 1220 Washington Avenue Albany NY 12232 Phone: 518-457-5646 Fax: 518-457-6887 Email: jzamurs@gw.dot.state.ny.us	5/4/1991 *	1/31/2005 **
Young Member	Ms Rebecca K Dennison Air Quality Specialist Federal Highway Administration 826 J J Pickle Federal Bldg 300 East 8th Street Austin TX 78701 Phone: 512/536-5945 Fax: 512/536-5990 Email: rebecca.denison@fhwa.dot.gov	9/24/2002 *	1/31/2006 **

\* Original appointment date

Page 5 of A1F03

\*\* Term expires

Young Member

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22 Committee members on A1F03

Report Date: 13-Feb-03\*

Original appointment date

Page 6 of A1F03

\*\* Term expires