

**Agenda**  
**TRB Subcommittee AFD40(2)**  
**APT International Alliance**  
**Wednesday, January 25, 2011, 7:30 pm – 10:00 pm**  
**Marriott Balcony D**

**Subcommittee Scope:** *In the Fall of 2004, the TRB Committee on Full-Scale and Accelerated Pavement Testing (AFD40) decided to create a new subcommittee designated as AFD40(2) for the purpose of promoting, facilitating and documenting both formal and informal cooperation within the global APT community. The inaugural meeting for the new subcommittee was held during TRB week on January 10th, 2005 in Washington, DC. The initial charter period for the group was 3 years; however, it was decided to extend the charter in January of 2008 to enable the International Alliance subcommittee to continue to function as the cooperative interaction mechanism within AFD40.*

**1. Welcome & Call to Order**

**2. Introductions**

**3. Approval of 2010 Meeting Minutes**

- 4. Attendee Updates** – In order to provide for more productive work time in the AFD40 full committee meeting, status reports on our respective APT research programs are now provided in the AFD40(2) APT International Alliance subcommittee meeting. The only way to ensure that everyone has time to talk within the 2.5-hour subcommittee time slot is by planning in advance. In consideration of web input solicited from subcommittee members and friends, one representative from each facility and users' group(s) in attendance will be provided with up to 10 minutes to speak. Ideally, any slides that will be used should be provided to the subcommittee chairman before the meeting is called to order. Time will be short, and it is possible that no meeting time will be available for those who did not request a slot beforehand.

- a. CAPT - Mustaque Hossain
- b. CEDEX Test Track - Angel Mateos
- c. CSIR / Gautrans HVS Programme - Louw du Plessis
- d. FAA Airport Technology R&D Branch - Navneet Garg
- e. FHWA Accelerated Load Facility - Nelson Gibson
- f. Florida Department of Transportation - Jamie Greene
- g. LA. DOTD Pavement Research Facility – George E. Crosby
- h. Midwest States Accelerating Pooled Funds Program - Brandon Bortz
- i. MLS Users' Group – Fred Hugo
- j. MnROAD - Tom Burnham
- k. NCAT Pavement Test Track – Buzz Powell
- l. US Army Engineer Research and Development Center (ERDC) - Haley Bell

**5. Other Business**

- a. Discussion of revised format options for AFD40(2)

**6. Adjourn**

**Minutes**  
**TRB Subcommittee AFD40(2)**  
**APT International Alliance**  
**Monday, January 11, 2010, 7:30 pm – 9:30 pm**  
**Marriott Balcony B**

**Subcommittee Scope:** *In the Fall of 2004, the TRB Committee on Full-Scale and Accelerated Pavement Testing (AFD40) decided to create a new subcommittee designated as AFD40(2) for the purpose of promoting, facilitating and documenting both formal and informal cooperation within the global APT community. The inaugural meeting for the new subcommittee was held during TRB week on January 10th, 2005 in Washington, DC. The initial charter period for the group was 3 years; however, it was decided to extend the charter in January of 2008 to enable the International Alliance subcommittee to continue to function as the cooperative interaction mechanism within AFD40.*

- 1. Welcome & Call to Order**
- 2. Introductions (24 people in attendance, signup sheet attached)**
- 3. Approval of 2009 Meeting Minutes** – The minutes were approved with no discussion.
- 4. Attendee Updates** – A representative from each APT program/user group that requested a slot beforehand was provided with an opportunity to update attendees on their research activities. Presenters were asked to limit their updates to 10 minutes in length, and they were encouraged to use slides. The following information was either provided during the meeting or thereafter via follow up emails (in alphabetical order by facility name):
  - a. ATREL / University of Illinois – Imad Al-Qadi / Jeff Roesler
  - b. CAPT – Nelson Gibson
  - c. CEDEX Test Track – Angel Mateos
  - d. CSIR, South Africa – Louw du Plessis
  - e. FHWA's PTF – Nelson Gibson
  - f. Florida DOT HVS – Bouzid Choubane
  - g. HVSIA – Louw du Plessis
  - h. Louisiana DOTD Pavement Research Facility – George E. Crosby
  - i. MLS Users' Group – Fred Hugo or nominee
  - j. National Airport Pavement Test Facility, FAA WJHTC – Gordon Hayhoe
  - k. NCAT Pavement Test Track – Buzz Powell
  - l. UC Pavement Research Center – John Harvey
  - m. US Army ERDC – Haley Bell

All of the above presentations are available for download at the following URL:

[http://www.pavetrack.com/documents/AFD40\(2\)/2010/](http://www.pavetrack.com/documents/AFD40(2)/2010/)

- 5. Other Business** – Organization of the subcommittee was improved in order to provide everyone with an opportunity to share their research. Unlike last year, everyone did have equal time to speak; however, the AFD40 committee chairman would like for the purpose and functionality of the subcommittee to be revisited in the future in order to make the best use of everyone's time. There was some discussion on whether or not to create a raw strain trace sharing system. This would allow us to compare strain amplitudes, load frequencies, etc. between research programs regardless of how our peers in the comparison program choose to interpret their data. There was also some discussion about the relationship between the magnitude of transverse and longitudinal strains in various research projects. As a result of a lack of interest, no action was taken on either issue.
- 6. Adjourn** – The meeting was adjourned amid much discussion of improving the format in the future.

<u>NAME</u>	<u>ORGANIZATION</u>	<u>EMAIL</u>
Buzz POWELL	AU/NCMA	buzz@auburn.edu
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George E. Crosby	LA/LTRC	gerosby@lsu.edu
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Haley Bell	U.S. Army ERDC	Haley.P.Bell@usace.army.mil
Tom Burnham	Mn/DOT	tom.burnham@state.mn.us
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