

State Planning and Research Program Quarterly Report

PROJECT TITLE: TPF-5(070) International Conference on Accelerated Pavement Testing

OBJECTIVES: To provide a forum for the exchange of technical information on accelerated pavement testing and associated topics.

PERIOD COVERED: January 1 – March 31, 2009

PARTICIPATING AGENCIES: California, FHWA, Georgia, Minnesota, Texas, University of California, Ohio, Louisiana

PROJECT MANAGER:

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LEAD AGENCY: Mn/DOT

PRINCIPAL INVESTIGATOR:

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SP&R PROJECT NO:

TPF-5(070)

PROJECT IS:

Cleared by FHWA

BUDGET:

Total Pooled Fund Developed = \$115,000

PROJECT EXPENDITURES TO DATE:

Estimated Remaining Funds after the 3rd conference in Madrid Spain
\$39,105

WORK COMPLETED:

Background - The Third International Conference on Accelerated Pavement Testing is scheduled for three days (October 1-3), 2008 in Madrid, Spain. The basic format of the conference will be similar to the very successful first and second conferences held Reno, Nevada (1999) and Minneapolis, Minnesota (2004), with technical sessions, technical field trips, and exhibits making up the bulk of the conference. The conference will be organized under the auspices of the Transportation Research Board Committee AFD40, subcommittee AFD40(1) and is again supported by both AASHTO and TRB. Sub-committee AFD40(1) made the decision to hold the 2008 conference in Europe because the last two conferences were held in the United States and CEDEX Transport Research Center located in Madrid, Spain has officially been accepted by the subcommittee as the next location for the conference. This project has not had tasks assigned to it in the past, but the following tasks were developed to show the progress and the needs for the future conference scheduled for October 2008.

Task 1 “2004 Minnesota APT conference”

Complete – Past conferences papers (1999+2004) and the 2004 presentations are located at

<http://mnroad.dot.state.mn.us/research/Mnresearchapt.asp>

Task-2 “Planning for 2008 APT conference”

Complete - North American Co-Chair used funds to travel to the planning meetings. Three planning trips have been completed to (Madrid, Spain) and one planning meeting done at the 2008 TRB meeting all under the approval of the participating states.

Task-3 “Transfer of the Pooled Fund Study”

Complete - Mn/DOT was working to transfer the pooled fund to FHWA for the 2008 conference, but decided it was easier for both FHWA and Mn/DOT to just keep Minnesota as the lead state. Details of the distribution of funds were sent to the participating state during July 2007 and a request for additional funding was also made if the participating states want to contribute. FHWA determined the remaining funds left in this fund (as of July 2007).

2004 Pooled Funds

2004 Original Pooled Funding = \$110,000

2004 APT Conference Costs using pooled fund money = \$47,651

Remaining funds for 2008 conference = \$62,349

2008 Pooled Funds Available

Funds available = \$62,349

Task-4 “2008 Madrid Conference”

Complete - Provided pooled fund project for additional states to contribute and join. Assisted (2) Minnesota and (1) California pooled fund states to participate in the conference. Progress this quarter includes Minnesota keeping the pooled fund as the lead state and having it open for additional participation. Additional tasks approved by the states for travel costs related to the setup of this conference.

Summary of Conference & Planning Meetings for Co-Chair:

- November 2005 = \$2,175
 - September 2006 = \$2,676
 - August 2007 = \$2,073
 - 2008 TRB for the APT subcommittee(s) Cost = \$765
 - June 2008 = \$2,318
 - October 2008 Conference Costs = \$2,124
- Total Final Costs for Co-Chair activities = \$12,131

Summary of Conference Costs for Minnesota and California:

- October 2008 Conference (3 people) = \$11,017

Funds remaining = \$62,349 – \$12,131 – \$11,113 = \$39,105 (see task-5)

Task-5 “Follow-up Reporting

Web site and TRB updates have been completed. Discussions with the states at the 2009 TRB session showed the state were open to keep the remaining funds (\$39,105) open for 2012. MnDOT will look into keeping this open for future use. The January 2009 TRB meeting minutes is attached.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

No activities planned

STATUS AND COMPLETION DATE:

** On schedule and ongoing **

Estimated final completion date will be extended for four years to the 2012 conference – TBD if this is possible with MnDOT – I assume it is not a problem. Some discussion if the CAPT and the remaining funds should be combined in the future. Waiting on FHWA and the CAPT to meet and discuss.

TRB Annual Meeting Notes
Committee AFD40(1) Full-Scale and Accelerated Pavement Testing
APT International Conferences
Wednesday - January 14, 2009, 2:30-4:00 pm
Marriott Hotel - McKinley

1. Introductions – Sign In

(Sign in sheet PDF made – attached to email)

2. Review Agenda

3. Review Committee’s Mission

Updated Statement - The mission of this Subcommittee is to develop & support Accelerated Pavement Testing results and findings through the use of International Conferences.

(Group Review mission statement – send your comments)

4. 2008 Madrid Conference

a. Overview (Angel-Gregers-Ben)

(some discussion on the strengths and weakness of the 2008 Madrid conference that we need to use for the 2012 conference – this was covered in the survey sent out including having a more extensive review system and keeping it open enough for discussion and follow-up at the conference)

b. 2008 APT Link - <http://www.cedex.es/apt2008>

(Angel and Ben will work to link to each others web page so all the three APT conferences can be easily found. Stephan will also link the AFD40 web site)

c. 2009 TRB Session 269 - [Best Papers from the Third International Conference on Accelerated Pavement Testing](#) Shoreham Hotel – Palladian, Monday, 10:15 AM–12:00 PM

5. 2012 Conference Presentations

a. Conference Criteria

b. Decision Making Process

1. Written Proposals attached

2. AFD40 Committee Members vote by email to Ben.worel@dot.state.mn.us by January 31st.

c. (NCAT) Proposal Presentation/Discussion - 20 minutes

d. (Davis/Illinois) Proposal Presentation/Discussion - 20 minutes

(Both did an excellent job – thanks to both Buzz and Dave)

(Send Ben an email related to your location option by January 31st)

6. TPF-5(070) International Conference on Accelerated Pavement Testing - Pooled Fund Study

a. Participating States – CA, GA, Louisiana Transportation Research Center, MN (lead), OH, TX + FHWA

b. Future use of this pooled fund (To be determined by participating agencies)

(Ben is working with MnDOT to see if they are willing to continue this pooled fund for the state’s use in 2012)

7. Other Business

(The co-chairs of this committee will change after this year. The new chair will come from a representative from the last location (Madrid – need Angel’s thoughts) and the future location representative (NCAT or UC Davis). Once the 2012 location is decided then we can make the changes)

Committee related meetings

- AFD40 “Full-Scale and Accelerated Pavement Testing Committee”
- AFD40(2), “APT International Alliance”