

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: October 1, 2009 – December 31, 2009

PARTICIPATING AGENCIES: Minnesota (Lead State), California, FHWA, Georgia, Texas
University of California, Ohio, Louisiana

PROJECT MANAGER:

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LEAD AGENCY: Mn/DOT

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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 – This pooled fund is to provide a forum for the exchange of technical information on accelerated pavement testing and associated topics through the use of international conferences. The Third International Conference on Accelerated Pavement Testing was completed October 1-3, 2008 in Madrid, Spain. The basic format of the conference was similar to the other 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 was 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. 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. The fourth conference will be held at University of California-Davis in 2012 and planning has started for that conference at TRB. The funding/pooled fund study will remain open for possible use by the pooled fund members.

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.

Task-6 “2012 APT Conference”

Mn/DOT is keeping this pooled fund project open for possible future use. 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 is keeping this pooled fund open, but hopes it could be combined with the CAPT pooled fund study in the future.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

No activities planned

STATUS AND COMPLETION DATE:

** Still Open **

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. Still waiting on FHWA and the CAPT to meet and discuss this issue.