

**State Planning and Research Program  
Quarterly Report**

**PROJECT TITLE:** HMA Surface Characteristics related to Ride, Texture, Friction, Noise, Durability

**OBJECTIVES:**

The objective of the proposed research is to construct and monitor several new HMA pavements consisting of 4.75-mm SMA, porous asphalt, conventional Superpave, etc. specifically for the purpose of reducing tire-pavement noise while maintaining other important surface characteristics (texture, friction, ride, durability).

**PERIOD COVERED:** April - June, 2007 (2<sup>nd</sup> Quarter)

**PARTICIPATING AGENCIES:** Minnesota Department Of Transportation, Federal Highway Administration, Local Road Research Board

**PROJECT MANAGER:**

Tim Clyne

**SP&R PROJECT NO:**

TPF 5(163)

**PROJECT IS:**

Planning  
 Research & Development

**LEAD AGENCY:**

Minnesota Dept. of Transportation

**PRINCIPAL INVESTIGATOR:**

pending

**ANNUAL BUDGET:**

The total project budget is \$300,000. Of that \$8,000 is reserved for pooled fund administrative costs, which leaves \$292,000 available for research.

Detailed expenditures will be available next quarter.

**PROJECT EXPENDITURES TO DATE:** \$0

**WORK COMPLETED:**

None – the project has not yet received final approval. Work will begin in Quarter 3, 2007.

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

A kickoff meeting will be scheduled with the participating agencies. The principal investigator for the project will be identified, and a contract is expected to be in place. Designs of HMA test sections to be built at MnROAD in 2008 will be completed.

**STATUS AND COMPLETION DATE:**

This project is just getting underway, with completion expected by June 30, 2011.