

**State Planning and Research Program
Quarterly Report**

PROJECT TITLE: Development of Design Guide for Thin and Ultrathin Concrete Overlays of Existing Asphalt Pavements

OBJECTIVES:

The primary purpose of this project is to create a unified national design guide for thin and ultrathin concrete overlays of existing asphalt pavements.

PERIOD COVERED: January 1 – March 31, 2011 (1st Quarter)

PARTICIPATING AGENCIES: Minnesota Department Of Transportation, Mississippi Department Of Transportation, Texas Department Of Transportation, New York State Department Of Transportation, Missouri Department Of Transportation, Pennsylvania Department Of Transportation.

PROJECT MANAGER:

Tom Burnham

SP&R PROJECT NO:

TPF 5-165

PROJECT IS:

 Planning
 X Research & Development

LEAD AGENCY:

Minnesota Dept. of Transportation

PRINCIPAL INVESTIGATOR:

Julie Vandebossche, University of Pittsburgh

ANNUAL BUDGET:

The total project budget is \$360,000. Of that \$10,000 is reserved for pooled fund administrative costs, which leaves \$350,000 available for research.

PROJECT EXPENDITURES TO DATE: A preliminary Technical Advisory Panel meeting on February 6th, 2008: Travel expenses of approximately \$4000. First official TAP meeting on December 2nd, 2008: Travel and web meeting expenses of approximately \$770. Tasks 1 and 2 complete, expenditures=\$93,000.

WORK COMPLETED:

The contract was signed in September 2008. TAP meetings were conducted on 12/2/2008, 12/10/2009, 8/27/2010, 3/24/2011. Reports for Task 1 and 2 have been completed and accepted for payment. The Task 4 (draft) report has been reviewed by TAP members, waiting for updated version from P.I. Work completed on contract amendment for additional work on Tasks 3 and 5 (characterization of interlayer bonding, the effect of structural fibers on performance, and improved project assessment guidelines).

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

The Task 4 report will be completed and approved for payment. Will focus primarily on work in Task 3.

STATUS AND COMPLETION DATE:

A contract was signed in September 2008. The project is nearly on schedule. Tasks 1 and 2 are complete. Task 4 will be accepted and paid next quarter. The completion date for the entire project has been (tentatively) extended to May 31, 2012 to accommodate additional work on tasks 3 and 5.