

**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: October 1 – December 31, 2009 (4th 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 \$30,000 is reserved for pooled fund administrative costs, which leaves \$330,000 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.

WORK COMPLETED:

The contract was signed in September 2008. Julie Vandebossche (PI) visited several Minnesota whitetopping test sections (including MnROAD). The first official TAP meeting occurred on December 2, 2008. A survey was disseminated to the participating states to gather data on the performance of existing whitetopping projects (Task 1). The second TAP meeting was held on December 10, 2009. The PI stated that the draft Task 1 report would be submitted for TAP review before January 2010. PI also stated that the Task 2 report was under final internal review and would be submitted to the TAP for review in January 2010.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

Task 1, collecting data and identifying the state of the art in whitetopping design and performance, will be completed and approved. Work on Task 2 will also be completed and approved. A formal revised workplan for Task 3 will be written, reviewed and executed.

STATUS AND COMPLETION DATE:

A contract was signed in September 2008. The project is nearly on schedule. Tasks 1 and 2 will be completed by March 2010. The completion date for the entire project is scheduled to be November 30, 2011.