

Period Covered: July 1, 2008 Through September 30, 2008 (Quarterly Report)

ALDOT Progress Report for the
State Planning and Research Program

PROJECT TITLE: Mix Design Criteria for 4.75 mm Superpave Mixtures		
PROJECT MANAGER(S): Randy C. West Ph. #: (334) 844-6857	SPR Project No: TPF-5(107) ALDOT Research Project No. 930-615(P)	Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT
Annual Budget	Multi Year Project Total Budget for Project: \$240,000.00 Total Cost to Date for Project: \$234,407.13	
Research Objectives <p>The objectives of this pooled-fund study are to:</p> <ul style="list-style-type: none">• Refine and field validate mix design criteria for 4.75 mm NMAS Superpave mixtures• Provide guidelines for appropriate application of 4.75 mm Superpave mixes• Provide guidelines for production and construction of 4.75 mm mixes		
Activities During This Reporting Period <p>The quarter was spent completing most of the laboratory testing on the TnDOT materials. Approximately 85 percent of the testing is complete. The lab is waiting on repair parts for the equipment to perform the rutting tests.</p> <p>Discussions continued with Minnesota DOT to schedule testing at the MnRoad field validation section. Placement of the 4.75 mm mix was anticipated in August, but was delayed several times due to the contractor's schedule. The placement is currently scheduled for the last week of October.</p>		
Activities Planned For Next Quarter <p>When the MnRoad project is constructed, NCAT engineers will be on site for documenting the project, mix sampling and field measurements. Materials will be brought back to NCAT for testing. Laboratory testing for volumetric properties, moisture sensitivity, rutting will be started.</p> <p>Laboratory testing for rutting performance will be completed for the TnDOT samples.</p> <p>Data analysis and final report preparation will begin after the MnDOT field work is completed.</p>		

Problems Encountered or Anticipated

NCAT was granted a time extension to March 1, 2009 for the completion of this study to allow for construction, sampling, and testing of the TN and MN field validation projects. This extension was based on field sampling and laboratory testing no later than September. With the MnRoad construction scheduled for the end of October, the NCAT laboratory will be pressed to complete the testing before the end of the calendar year to allow for adequate time for analysis and reporting.

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project 97.7 %

Project is:
X on schedule behind schedule, explain:

Expected Completion Date: March 1, 2009

Please note that this project has continued with renewed requests for services and additional funding obligations and may be extended beyond the current Expected Completion Date listed above.