

Period Covered: Through June 30, 2006 (Quarterly Report)

ALDOT Progress Report for the

State Planning and Research Program

PROJECT TITLE: Mix Design Criteria for 4.75mm Superpave Mixes		
PROJECT MANAGER: Dr. Randy C. West (334) 844-6857	SPR Project No: TPF-5(107) ALDOT Research Project No. 930-615P	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 178,736.58	
Research Objectives The objectives of this pooled-fund study are to: <ul style="list-style-type: none">• Refine and field validate mix design criteria for 4.75 mm NMAAS 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 Testing and analysis of the laboratory work under Phase I of the project was completed. The draft Phase 1 report, which covers the objectives, test methods, analysis, conclusions and recommendations from the laboratory work, was completed. A second report has also been prepared which also covers the details of the mix designs using the aggregate materials provided by each of the participating states. The draft phase 1 report is ready for review and comments by the project panel. The mix design summary report is going through internal reviews before it is sent out for comments. Work on Phase II of the project was begun. Field sampling and testing of a 4.75 mm project in Alabama was accomplished in June. Three other states that are now working to set up a test project for 4.75 mm mixtures are Minnesota, Tennessee, and Missouri. A 4.75 mm mix design is being prepared for the Minnesota project.		
Activities Planned For Next Quarter The focus in the next quarter will be to coordinate with states the planning and construction of the field projects. NCAT will send an engineer and a technician to the projects to obtain samples, perform some testing, and document the construction.		

Problems Encountered or Anticipated

The project remains about four months behind schedule. The date for completion of the project now depends on the timetable for the remaining field projects.

Also worth noting, Michael Rausch, who has been the person primarily responsible for the day to day work in this project, has accepted a job with Granite Construction in Palm Desert, CA. Mike will be completing his employment at NCAT in mid August. Mike has been working with Justin Heartsill on the field work to manage the remainder of the project when Mike moves to California.

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project _____ 74.5 _____

Project is:
_____ on schedule behind schedule, explain:

- 1) The Project is slightly behind schedule, but it is still making progress.
- 2) Materials for study mixes have been slow to arrive from a few states.

Expected Completion Date: _____ 1/31/2007 _____