

Period Covered: January 1, 2011 Through March 31, 2011 (Quarterly Report)

ALDOT Progress Report for the
State Planning and Research Program

PROJECT TITLE: Superpave Regional Center, Southeastern Region		
PROJECT MANAGER(S): Don Watson and Randy West Ph #: (334) 844-7306	SPR Project No: TPF-5(228) ALDOT Research Project No. 930-763P	Project is: <input type="checkbox"/> PLANNING <input checked="" type="checkbox"/> RESEARCH & DEVELOPMENT
Annual Budget	Multi Year Project Total Budget for Project: \$627,129.00 Total Cost to Date for Project: \$51,585.17	
OBJECTIVE: Several short-term and long-term objectives of the Southeastern Superpave Center are listed below. Several objectives deal with evaluating recently-developed performance test equipment and conducting research to address materials and tests issues. Some objectives of the Center are: <ol style="list-style-type: none">1. Conduct training in regard to Superpave binders, mix design, and performance testing, and provide training on special topics as requested by participating agencies.2. Perform research, both cooperatively and agency-specific, sponsored by members of the pooled-fund.3. Conduct noise studies in an effort to develop quieter pavements.		
WORK PERFORMED THIS QUARTER:		
TRAINING: A Superpave Mix Design course was prepared and taught for technician certification by Georgia Dept. of Transportation. The course covered all aspects of mix design from binder testing and overview to mixture volumetrics and laboratory performance testing such as TSR moisture testing and APA rut testing.		

A special workshop was planned for Warm Mix Asphalt and Crumb Rubber Modified Asphalt in Puerto Rico. The workshop will be conducted in April. Guest speakers have been invited and case studies from local contractors will be presented.

Agencies also sent participants to the Asphalt Technology course delivered at NCAT Jan. 31 - Feb. 4 and from Feb. 28 - Mar. 4, 2011.

SPECIFICATION DEVELOPMENT:

Funding was also provided this quarter to develop specifications for use of ground tire rubber in hot mix asphalt applications. A cross-section of specification documents from agencies across the U.S. was reviewed and used to develop a draft specification. The specification has been reviewed and agency comments have been addressed.

WORK PLANNED NEXT QUARTER:

A final version of ground tire rubber specifications will be supplied to the sponsor.

Follow up will be made on several research ideas discussed at the annual SSC Management Committee meeting.

SIGNIFICANT RESULTS:

A total of 14 technicians have been certified to perform Superpave Mix Design testing for Georgia Dept. of Transportation.

PROBLEMS ENCOUNTERED OR ANTICIPATED:

No problems have been encountered to date.

POTENTIAL IMPLEMENTATION:

The SMA mix design course was conducted to establish a basis for participants to become certified to perform SMA mix designs acceptable to the state agency.

COST ESTIMATE: Total expenses: \$65,739 (10.5% of budget)

TIME USED: 50 %

STATUS AND COMPLETION DATE

Percentage of work completed to date for total project 82 %

Project is:
X on schedule behind schedule, explain:

Expected Completion Date: 9/20/12

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.