



CAIT

Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

QUARTERLY PROGRESS REPORT

Project Title:	Rut Testing of Hot Mix Asphalt		
RFP NUMBER:	NJDOT RESEARCH PROJECT MANAGER: Mr. Nicholas Vitillo		
TASK ORDER NUMBER/Study Number: Task Order No. 98 / 4-26677	PRINCIPAL INVESTIGATOR: Dr. Ali Maher		
Period Starting: 1/1/2001 - 12/31/2002 (Start-End Date of Study)	Period Ending: 6/30/2001		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search/Local Agency Survey	10%	25%	25%	2.5%
Lab Testing for Rutting Criteria	25%	10%	20%	5%
Lab Testing for NJ HMA Characterization	25%	0%	0%	0%
Lab Testing for SUPERPAVE vs Marshall	20%	5%	5%	1%
Field Calibration/Evaluation	10%	5%	10%	0.5%
Final Report	10%	0%	0%	0%
TOTAL	100%			9%

1. Progress this quarter by task:

- A. Began rut testing of Rt. 78 samples. The asphalt is a PG76-22 12.5 mm mix that was recently placed. The test results will be used to try and establish a laboratory to field calibration. Results will help in establishing a guideline for a rutting criteria based on APA results. Full evaluation of APA was recently finished utilizing different mixes, sample sizes, and compaction methods to further aid in developing guidelines for a rutting criteria.
- B. Developed a survey for local engineers for low-volume road portion of project. The survey basically asks county and municipality engineers simple questions regarding their current asphalt design status. Joe Smith is currently handing out these questionnaires and recording answers.

2. Proposed activities for next quarter by task:

- A. Continue the laboratory testing of Rt. 78 samples for lab/field calibration.
- B. Continue to handing out survey and tallying results
- C. Start producing Marshall samples for comparison of SUPERPAVE design

3. List of deliverables provided in this quarter by task (product date):

N/A

4. Progress on Implementation and Training Activities: N/A

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5. Problems/Proposed Solutions: N/A

6. Budget Summary*

Total Project Budget(# of years)	2 Years	\$321,867.00
Total Project Expenditure to date		\$237
% of Total Project Budget Expended		1%
Task Order Number/Study Number:		98 / 4-26677
Current Task Order Budget (# of years)	Year 1 and 2	\$321,867.00
Actual Expenditure to date against current task order		\$237
% of current task order budget expended		1%

* These are approximate expended amounts for the project; these estimates are for reference only and should not be used for official accounting purposes. For a more accurate project accounting please review the quarterly invoice for this project.

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