



CAIT

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

QUARTERLY PROGRESS REPORT

Project Title:	A Proposal for the Development of High Performances Concrete for Transportation Structures in New Jersey		
RFP NUMBER: N/A	NJDOT RESEARCH PROJECT MANAGER: Tony Chmiel		
TASK ORDER NUMBER/Study Number: 62 / 4-23806	PRINCIPAL INVESTIGATOR: Hani Nassif		
Period Starting: 5/10/1999 – 1/1/2003 (Start-End Date of Study)	Period Ending: 6/30/2001		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Collection and Synthesis of Data	5%	2%	100%	5%
Selection of Mix Proportions and Test Methods	30%	0%	100%	30%
Evaluation of Mechanical and Long-term Properties	25%	2%	97%	24.25%
Collection of Data and Preparation of Samples During the Field Samples	15%	10%	45%	6.75%
Evaluation of Field Samples	15%	0%	0%	0%
Preparation of Specifications for HPC	5%	20%	50%	2.5%
Final Report	5%	10%	60%	3%
TOTAL	100%			71.5%

Note: Part Year 2 and 3 will be performed during the second phase of this project, and will be accurately reflected in the next quarterly report. Due to the timing of the additional time and funding this QR mainly deals with phase one only.

1. Progress this quarter by task:

- A. Field Coordination of proposed laboratory mixes has been established. A letter of invitation from Two Plants has been received and coordination is underway to cast and collect specimens for all required tests at one visit.
- B. RCP tests were performed for samples using NJDOT Laboratory and Equipment. Some mixes were tested twice for confirmation of data obtained in earlier tests.

2. Proposed activities for next quarter by task

- A. The field mixing of specimen will be continued as part of the second year work and will be timed when the Creep Chamber and set-up is ready to receive samples.

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

N/A

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4. Progress on Implementation and Training Activities

N/A

5. Problems/Proposed Solutions

N/A

6. Budget Summary*

Total Project Budget (# of years)	1.5 Years	\$70,533.00
Total Project Expenditure to date		\$72,733
% of Total Project Budget Expended		20%
Task Order Number/Study Number:		62 / 4-23806
Current Task Order Budget (# of years)	Year 1.5	\$384,320.00
Actual Expenditure to date against current task order		\$72,733
% of current task order budget expended		20%

* 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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