



QUARTERLY PROGRESS REPORT

Project Title:	Finite Element Analysis of Bridge Approach and Transition Slab		
RFP NUMBER: N/A	NJDOT RESEARCH PROJECT MANAGER: Robert Sauber		
TASK ORDER NUMBER/Study Number: 88-03 / 4-23933	PRINCIPAL INVESTIGATOR: Hani Nassif		
Study Start Date: 06/01/2000 Study End Date: 12/31/2001	Period Covered: 3 rd Quarter 2001		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search	10%	20%	100%	10%
Site Selection, field observation, and parameter designation	30%	70%	100%	30%
Finite element model verification and development	25%	10%	100%	25%
Parametric Study	15%	10%	90%	13.5%
Progress Reports	15%	20%	90%	13.5%
Final Report	5%	80%	80%	4.0%
TOTAL	100%			96%

1. Progress this quarter by task:

- The parametric analysis is being finalized. Design alternatives are developed and analyzed.
- 18 bridge sites were visited at different times and data has been collected on bridge approach cracking pattern.

2. Proposed activities for next quarter by task

- Finalize the final report and decide on two design alternatives.

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

N/A



CAIT

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

4. Progress on Implementation and Training Activities

N/A

5. Problems/Proposed Solutions

N/A

6. Budget Summary*

Total Project Budget (# of years)	1 Year	\$48,220.00
Total Project Expenditure to date		\$28,718
% of Total Project Budget Expended		60%
Task Order Number/Study Number:		88-03 / 4-23933
Current Task Order Budget (# of years)	Year 1	\$48,220.00
Actual Expenditure to date against current task order		\$28,718
% of current task order budget expended		60%

* 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.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
623 BOWSER RD. PISCATAWAY NJ 08854-8014
TEL: 732-445-0579 FAX: 732-445-0577