



# CAIT

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

## QUARTERLY PROGRESS REPORT

Project Title:	Evaluation of Methods for Bridge Scour Monitoring		
RFP NUMBER:	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman		
TASK ORDER NUMBER/Study Number: 65 / 4-23786	PRINCIPAL INVESTIGATOR: Hani Nassif		
Period Starting: 4/22/ 1999 - 4/22/2001 (Start-End Date of Study)	Period Ending: 12/31/2000		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Literature Search	5%	0%	95%	4.75%
1. Purchase for System Components	5%	0%	95%	4.75%
2. Site Selection and Designation	30%	0%	100%	30%
3. Field Set-up of Monitoring System I & II	20%	10%	90%	18%
4. Preliminary Monitoring & System Calibration	30%	10%	70%	21%
Progress Reports	5%	5%	95%	4.75%
Final Report	10%	0%	0%	0%
<b>TOTAL</b>	<b>100%</b>			<b>83.25%</b>

1. Progress this quarter by task:

- A. The telephone company has been given all the information needed to install the telephone line. The second system has been installed and needs a telephone line before it can be placed on line. The power source used for this system will also be a solar panel. The solar panel will be installed after the telephone line is in place.
- B. Preliminary data on scour is being collected from the Matawan Bridge. No significant scour activity is reported up-to-date.

2. Proposed activities for next quarter by task

- A. As soon as the telephone line is installed, data from both bridges will be compared.

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

4. Progress on Implementation and Training Activities

5. Problems/Proposed Solutions

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## 6. Budget Summary

Task Order Number/Study Number:	65 / 4-23786
Current Task Order Budget (# of years) Yr. 1	\$188,242.00
Actual Expenditure to date against current task order	\$162,218
% of current task order budget expended	86.2%

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

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