



## QUARTERLY PROGRESS REPORT

Project Title:	Development of a Simulation Model of an ITS Priority Corridor		
RFP NUMBER:	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman		
TASK ORDER NUMBER/Study Number: 88-01 / 4-23935	PRINCIPAL INVESTIGATOR :		
Period Starting: 6/1/2000 - 5/31/2001 (Start-End Date of Study)	Period Ending: 12/31/2000		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
First Year				
1. Literature Review	20%	50%	75%	15%
2. Simulation Model Development	80%	10%	10%	8%
Final Report				
TOTAL	100%			23%

**Note: Part of Task 3 and Tasks 4 and 5 will be performed during the second year of this project.**

1. Progress this quarter by task:

We reviewed the literature on traffic simulation and similar studies.

We obtained Paramics simulation software and the student working on this project became familiar with it.

We identified the basic components of the network to be studied. And started to build the network and code it in the format required by Paramics

2. Proposed activities for next quarter by task

Task1: Complete the report on Literature Review

Task2: Continue Network building process for the selected area of focus. Present the preliminary network to NJDOT for their review and approval.

Run the simulation with available data and identify data needs for more accurate modeling. This involves getting data from NJDOT and / or collecting some data on the field.

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

N/A

4. Progress on Implementation and Training Activities

N/A

5. Problems/Proposed Solutions

N/A

6. Budget Summary

Task Order Number/Study Number:	88-01 / 4-23935
Current Task Order Budget (# of years)	1 of 2 yr \$40,375.00
Actual Expenditure to date against current task order	\$9,158
% of current task order budget expended	22.7%

\* 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.

Department of Civil and Environmental Engineering  
623 Bowser Rd. Piscataway NJ 08854-8014  
Tel : 732-445-0579 Fax: 732-445-0577