



QUARTERLY PROGRESS REPORT

Project Title:	Development of a Simulation Model of an ITS Priority Corridor			
RFP NUMBER: N/A	NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman			
TASK ORDER NUMBER/Study Number: 88-01 / 4-23935	PRINCIPAL INVESTIGATOR: Kaan Ozbay			
Period Starting: 6/1/2000 - 5/31/2001 (Start-End Date of Study)	Period Ending: 6/30/2001			

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%	30%	60%	48%
Final Report				
TOTAL	100%			73%

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 improved the South Jersey network
- We obtained a detailed data file of the region from DVRPC and we are using it to improve our network as well as creating the demand matrix.
- We have implemented of different ITS strategies in simulation including diversion, and ramp metering. Now, we are working on improving these techniques.
- We also worked on the calibration of the network. Basically we reviewed the parameters and techniques to be used for calibration.

2. Proposed activities for next quarter by task

- Task2: Complete the network creation.
- Task 2: Finalize network calibration.

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

4. Progress on Implementation and Training Activities



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Rutgers, The State University of New Jersey

5. Problems/Proposed Solutions

- There is delay in getting network data.

6. Budget Summary*

Total Project Budget(# of years)	2 Years	\$81,795.00
Total Project Expenditure to date		\$26,053
% of Total Project Budget Expended		32%
Task Order Number/Study Number:		88-01 / 4-23935
Current Task Order Budget (# of years)	Year 1 and 2	\$81,795.00
Actual Expenditure to date against current task order		\$26,053
% of current task order budget expended		32%

* 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