



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	
Study Start Date: 06/01/2000 Study End Date: 05/31/2002	Period Covered: 3 rd Quarter 2001			

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
First Year				
1. Literature Review	20%	25%	100%	20%
2. Simulation Model Development	80%	30%	90%	72%
Total (Year 1)	100%			92%
Second Year				
3. Calibration and Validation	40%			
4. ITS Scenario Evaluation	50%			
5. Final Report	10%			
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:

Tasks 1 and 2:

- We completed the creation of 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. The basic Paramics simulation model is now complete.

Task 3:

- We also worked on the calibration of the network. For validation site trips are being done. We also use available traffic data and data from the filed sensors for validation of the simulation results.

2. Proposed activities for next quarter by task

- Task3: Work on tTask 3

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.
- There was a delay of few months between the contract starting date and the actual starting of the work (Beginning of Fall semester) for the first year). This might create a need of a no-cost extension in the end of Year 2.

6. Budget Summary*

Total Project Budget(# of years)	2 Years	\$81,795.00
Total Project Expenditure to date		\$31,658
% of Total Project Budget Expended		39%
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		\$31,658
% of current task order budget expended		39%

* 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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