



QUARTERLY PROGRESS REPORT

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|----------------------------------------------------------------------|------------------------------------------------------------|--|--|
| Project Title: | Multiple Routing Strategies | | |
| RFP NUMBER: | NJDOT RESEARCH PROJECT MANAGER: Karl Brodtman | | |
| TASK ORDER NUMBER/Study Number: 61 / 4-23781 | PRINCIPAL INVESTIGATOR : Dr. Kaan Ozbay | | |
| Period Starting: 3/19/1999 - 12/31/2000 (Start-End Date of Study) | Period Ending: 12/31/2000 (Requested No Cost Extension) | | |

| Task | % of Total | % of Task this quarter | % of Task to date | % of Total Complete |
|--------------------------------------------------------------------------------------------------------------|-------------|------------------------|-------------------|---------------------|
| 1. Literature Search | 10% | | 100% | 10% |
| 2. Develop a Statewide ATIS Architecture | 40% | 6% | 90% | 36% |
| 3. Develop and Test Scenarios | 20% | 25% | 100% | 20% |
| Year 2 | | | | |
| 4. . Develop a List of Suggestions for the NJDOT to be ready for the Next 1, 5, 10, 15, 20 year time frames. | 20% | | 25% | 5% |
| Final Report | 10% | 10% | 60% | 6% |
| TOTAL | 100% | | | 72% |

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:

- Value of information is being studied
- # ATIS scenarios have been developed and discussed in detail.
- A draft report on these scenarios is prepared.
- Turbo Architecture software is being considered as a way to present the high-level regional architecture developed in this study.

2. Proposed activities for next quarter by task

- Update the sausage diagrams using the follow-survey results and information from DVRPC
- Present this in the WEB page
- Arrange a meeting at NJDOT to present interim results to involved parties (early January, first week of January)
- Study Unified Modeling Language (UML) as another option to present the system architecture information

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

- Updated Interim Report.

4. Progress on Implementation and Training Activities

N/A

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5. Problems/Proposed Solutions

- Couple of agencies have been difficult to contact. We still do not have the Operations South information. We faxed the survey one more time and tried to arrange a meeting at Operations South unsuccessfully.

6. Budget Summary

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|-------------------------------------------------------|-----------------|
| Task Order Number/Study Number: | 61 / 4-23781 |
| Current Task Order Budget (# of years) | 1 & 2 of 2 Year |
| Actual Expenditure to date against current task order | \$44,181 |
| % of current task order budget expended | 63.2% |

* 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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