



CAIT

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

QUARTERLY PROGRESS REPORT

| | | | |
|---|---|--|--|
| Project Title: | Fog Sensor / ITS Integration | | |
| RFP NUMBER: | NJDOT RESEARCH PROJECT MANAGER: Nancy Webber | | |
| TASK ORDER NUMBER/Study Number: 64 / 4-23878 | PRINCIPAL INVESTIGATOR : Dr. Kaan Ozbay | | |
| Period Starting: 4/22/1999 (Start Date of Study) | Period Ending: 12/31/1999 | | |

| Task | % of Total | % of Task this quarter | % of Task to date | % of Total Complete |
|--|------------|------------------------|-------------------|---------------------|
| Literature Search | 5% | 0% | 100% | 5% |
| 1. Selection of Detection Systems | 10% | 2.5% | 97.5% | 10% |
| 2. Integration and Installation of the Weather / Traffic Detector | 55% | 20% | 36.36% | 20% |
| Phase 2 | | | | |
| 3. Establishment of Threshold Limits | N/A | | | |
| 4. Evaluation of the System | N/A | | | |
| Project Management | 25% | 5% | 80% | 20% |
| Final Report | 5% | 0% | 0% | 0% |
| TOTAL | 100% | | | 55% |

1. Progress this quarter by task:

SSI has been selected as the sub-contractor. Arrangements for installation and traffic control have been made.

2. Proposed activities for next quarter by task

Finalize installation of the sensors and test for accuracy and reliability. Start Phase 2.

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

Project scope and progress have been presented at the NJ Transactions 2000 conference at Atlantic City.

4. Progress on Implementation and Training Activities

Implementation and installation plans have been made.

5. Problems/Proposed Solutions

- Power source on the bridge has been identified.
- Existence of a phone line has been confirmed with the help of the phone company.
- Arrangements for traffic control by Operations North have been made.
- A no cost extension has been requested from NJDOT.

6. Budget Summary

| | | |
|---|--------|--------------|
| Total Project Budget(# of years) | 1 Year | \$150,611.00 |
| Total Project Expenditure to date | | |
| % of Total Project Budget Expended | | % |
| Task Order Number/Study Number: | 1 Year | 64 / 4-23878 |
| Current Task Order Budget (# of years) | | \$150,611.00 |
| Actual Expenditure to date against current task order | | |
| % of current task order budget expended | | % |

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