1. **Project Objective: (to be completed)**

To evaluate a series of lighting concepts for crosswalk illumination, culminating in a field demonstration of a promising system.

2. **Proposed activities for this quarter by task and anticipated percentage complete by end of quarter: (to be completed)**

The project team has completed Task 1 and has reached preliminary development of concepts that have been evaluated through photometrically accurate computer simulation analyses regarding visual performance and glare.

3. **List of deliverables provided in this quarter by task (product date): (to be completed)**
A first draft of the literature review, containing the lighting concepts recommended for further evaluation, will be delivered to NJDOT during our quarterly progress meeting.

4. Progress on Implementation and Training Activities: (to be completed)

This will be addressed in Task 7 of the project.

5. Problems/Proposed Solutions: (to be completed)

We experienced delays in starting the project but were able to begin in April using bridge funding from Rensselaer until funding was secured in May. We have accelerated the pace of the project to try to maintain the original schedule and deliver our draft final report to NJDOT in January 2009. The present estimated schedule for completion of each task is as follows:

- Task 1 (literature review): April 2008
- Task 2 (develop and perform simulation evaluation of concepts): June 2008
- Task 3 (laboratory evaluation of concepts): July 2008
- Task 4 (develop mockups): August 2008
- Task 5 (evaluate mockups to select one/two for field evaluation): September 2008
- Task 6 (field evaluation in New Jersey): October/November 2008
- Task 7 (implementation plan): December 2008
- Task 8 (draft report): January 2009; final report in March 2009

**BUDGET EXPENDED AND REMAINING**

| Total Project Budget (NJDOT Share Only) | $68,129 |
| Modified Contract Amount:               | $68,129 |
| Total Project Expenditure to date       | ~$8000 (approx.) |
| % of Total Project Budget Expended      | ~12% (approx.) |