Project Title: C-08-22 : Evaluation of LED Beacon-Light Fixtures
PIN: R021.19.881
Responsible Unit: Office of Fleet Operations
Project Manager: Spadaro, Tom

Project Goal:
The goal of this project is to confirm that there is no compromise in safety should LED lights be used as the beacon lights on the Department’s highway maintenance vehicles. If this is the case, LED lights with their lower energy use will mean that truck engines can be switched off for stationary maintenance operations, thereby reducing the emission of greenhouse gases, using less petroleum and lowering operating costs because of lower fuel use.

Actions Proposed:
Compare human reaction time to current and LED lights in a field test

Compare human ability to detect movement (current & LED lights) toward and away from the subject in a field test.

Anticipated Work Products and Accomplishments:
Research report

Proposed Budget: $12,000