

January 11, 2005

To the Honorable, the Common Council

Subject: Advanced Street Lighting Control
and Monitoring Project

Dear Council Members:

To improve response to area wide street lighting outages and to provide improvements to both the control of street light operation and the monitoring of system performance, the Department of Public Works is proposing an advanced street lighting control and monitoring project. This project would utilize the latest advancements in system control technology to provide improved operation and control of the street lighting system, including turning street lights on and off, monitoring of the operational status of the system, monitoring power consumption, and alarming in the event of circuit failures.

The design phase of the project is finished. The project is ready for deployment of the pilot test systems.

We have prepared and recommend adoption of the attached resolution authorizing and directing the Commissioner of Public Works to implement the pilot test of the system on a portion of the street lighting system. The resolution also recognizes that the Comptroller has transferred funds from the 2001 Street Lighting Capital Improvements fund to a new sub-account for this project.

Very truly yours,

Jeffrey S. Polenske, P.E.
City Engineer

Jeffrey J. Mantes
Commissioner of Public Works

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Attachment