

November 17, 2005

To the Public Works Committee

Subject: Advanced Street Lighting Control
and Monitoring Project

Dear Honorable 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 pilot test system has been successfully deployed, tested and is currently in operation, and the project is ready for the design and construction of the first phase of permanent deployment.

We have prepared and recommend adoption of the attached resolution authorizing and directing the Commissioner of Public Works to implement the first phase of the advanced street lighting control and monitoring system. The resolution also recognizes that existing Street Lighting Capitol Improvement Funds are available for this project.

Very truly yours,

Jeffrey S. Polenske, P.E.
City Engineer

Jeffrey J. Mantes
Commissioner of Public Works

RWB:lja
Attachment