

Village Upgrading Street Lights with LED Technology

The Village of Schaumburg is continuing an infrastructure project in which it is making systematic upgrades to the village's street light system. As part of the project that began this spring, the village replaced more than 2,500 high pressure sodium street light fixtures with light emitting diode (LED) technology that is significantly more efficient and will require less maintenance over its 20 year life cycle. Starting in October, the Village of Schaumburg will install an additional 2,100 street lights predominantly through major, arterial and collector roads. The project is expected to start in October and be completed by early December.

After research and analysis of the village's entire street light network, the village has implemented a hybrid replacement approach. Existing fixtures in residential neighborhoods have been replaced by softer white fixtures and brighter white fixtures will be installed on major, arterial and collector roads where additional lighting standards are required for optimum visibility. With the new fixtures installed in the residential areas, the village estimates it will save a minimum of \$40,000 annually in utility savings. With the installation of the major, arterial and collector road lighting, it is estimated an additional \$50,000 in savings annually will be realized.

The project is being paid in part through a Department of Commerce and Economic Development Opportunity (DCEO) rebate of more than \$500,000 that has been received. This rebate program was extended through ComEd for the remainder of this year and an additional \$500,000 in rebate is anticipated with the completion of the next phase of lighting improvement. The street light improvement project is part of a larger performance contract with Johnson Controls in which energy and operational efficiencies will also be explored and implemented for the village's water distribution system and facilities through 2018.