

BEFORE



AFTER



Municipal - Upgrade

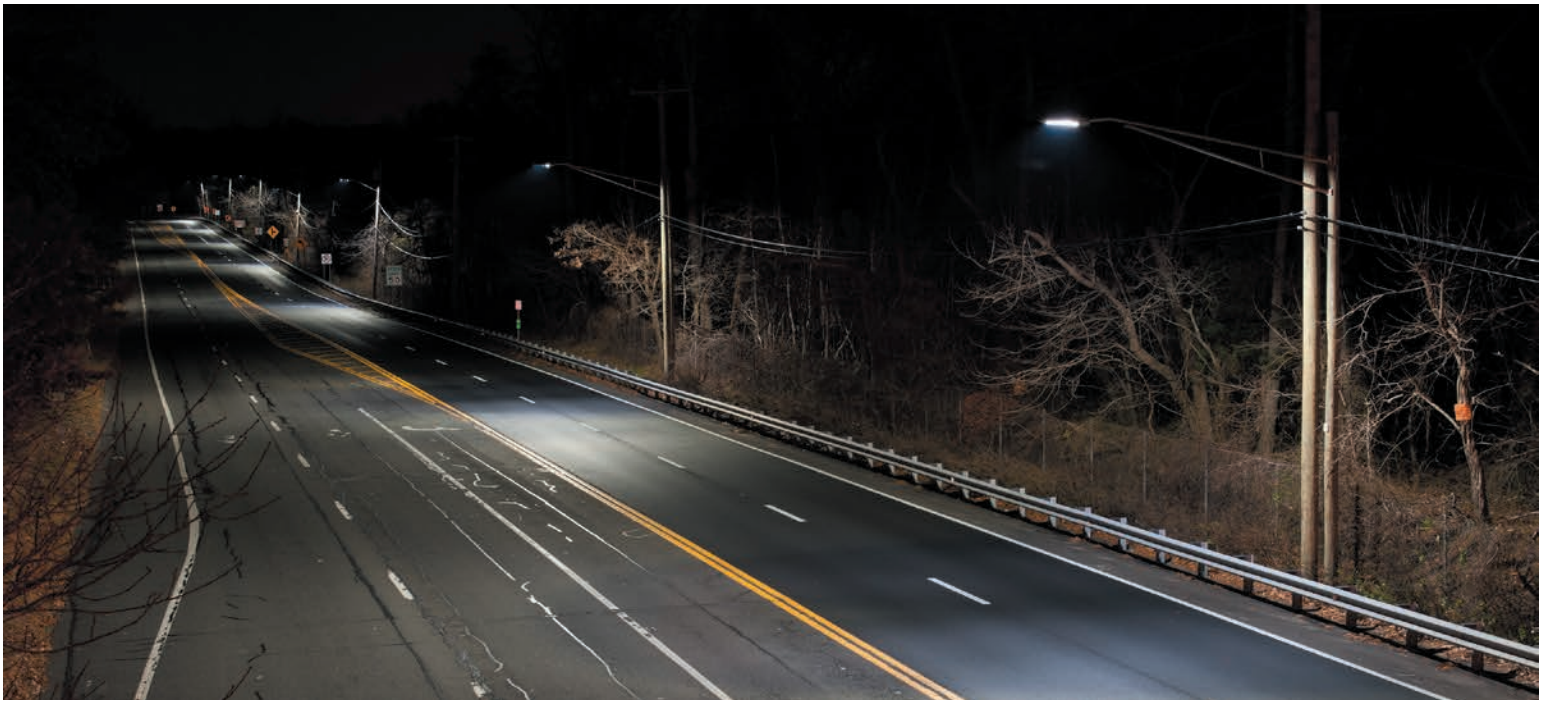
Town of Smithtown

Long Island, NY

The Town of Smithtown is the first on Long Island to upgrade to LED lighting with Cree® luminaires.

- 52 percent energy savings annually
- \$150,000 annual energy savings and \$75,000 annual maintenance savings
- LEDway® streetlights meet Buy American requirements





“ Smithtown is thrilled to be the first town on Long Island to commit to LED streetlights, which helps our strategy for better energy efficiency and greenhouse gas reduction. ”

Pat Vecchio, Smithtown Supervisor

SMITHTOWN SAVES WITH CREE LIGHTING

OPPORTUNITY

As cities grapple with rising energy costs and shrinking budgets many are looking for ways to reduce expenses. According to the Department of Energy, the cost of energy consumed by HID streetlights can account for as much as 40 percent of municipal electric bills, making an upgrade a great opportunity to dramatically reduce energy expenses.

SOLUTION

The Town of Smithtown, located on the North Shore of Long Island, recently received a \$1 million Energy Efficiency and Conservation Block Grant (EECGB) to convert nearly 10 percent of the Town's 11,600 streetlights from high-pressure sodium (HPS) to more energy efficient LED luminaires.

The new streetlights replace 150-, 250- and 400-watt HPS fixtures on the Town's main arterial streets. The streetlights were slated to be upgraded with induction fixtures. After learning about the impressive energy and maintenance savings potential and modern appearance of Cree® LEDway® streetlights, Smithtown's Traffic Safety and Lighting Director, Mitch Crowley, initiated a pilot program to compare LED, induction and electronic ballasted HPS systems. At the end of the program, Cree® products were chosen. This will be the first major installation of LED luminaires on Long Island.

“Smithtown is thrilled to be the first town on Long Island to commit to LED streetlights, which helps our strategy for better energy efficiency and greenhouse gas reduction,” said Smithtown Supervisor Pat Vecchio. “The new lights yield a six-year payback and are also dark sky friendly.”

BENEFITS

Crowley estimates that upgrading 1,100 lights to LED will save the Town \$75,000 in maintenance costs and \$150,000 in energy expenses annually, a 52 percent energy savings.

“Smithtown's sustainability efforts also include the conversion of the entire refuse collection system to compressed natural gas, which significantly reduces the emission of nitrogen oxides, diesel particulate matter and greenhouse gases,” Vecchio added. “The town also plans to install a photovoltaic system to the recycling center, which will produce an estimated 89,000 kWh of clean renewable power annually.”

Crowley anticipates replacing all of the Town's streetlights with energy-efficient luminaires. Smithtown has budgeted \$200,000 to \$350,000 annually toward the purchase of LED luminaires and foresees the federal government contributing the balance through EECGB grants.



Learn more at: www.cree.com/lighting | info@cree.com | 800.236.6800

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CAT/CCS-C066 08/2013