



FOR IMMEDIATE RELEASE

A Brighter Future: LED Streetlight Installation Begins in Champlain Township

L'ORIGINAL, LONGUEUIL, VANKLEEK HILL & WEST HAWKESBURY – The Township of Champlain is moving forward with a major investment in energy efficiency by upgrading its streetlight network to light-emitting diode (LED) technology that is expected to reduce the municipality’s streetlight energy costs by 69%. Installation begins the week of October 17.

The reduced costs are made possible because LEDs will consume 69% less electricity than the high-pressure sodium lights they replace. The system of 758 luminaires will be easier to maintain since LEDs last up to four times longer than the current streetlights. The upgrade is expected to reduce maintenance costs by up to 80%.

The project was designed by partners Ontario’s Local Authority Services (LAS) and RealTerm Energy. “The Township of Champlain is looking forward to working with LAS and RealTerm Energy on the implementation of this project and to generate savings for our ratepayers,” said Mayor Gary J. Barton.

The retrofit will also improve the Township’s environmental footprint by annually reducing its greenhouse gas emissions by an estimated 33 metric tons. This is the equivalent of the greenhouse gas emissions avoided by recycling 10.5 tons of waste instead of landfilling them.

In addition to being energy efficient, LED fixtures have been proven to reduce light pollution. LED optics are designed to diffuse and distribute the light in a more precise manner than traditional streetlights thus reducing glare and lighting only targeted areas.

To date, over 150 Ontario municipalities have chosen to upgrade to LED street lighting with LAS and RealTerm Energy including Niagara Falls, London and Barrie.

Quick Project Overview

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| Total number of fixtures | 758 |
| Estimated annual electricity cost savings | 69% |
| Estimated annual electricity consumption reduction | 69% |
| Estimated annual greenhouse gas reduction | 33 metric tons – the equivalent of the greenhouses gas emissions avoided by recycling 10.5 tons of waste instead of landfilling them. |

[Local Authority Services \(LAS\)](#) is a preferred provider of competitively priced and sustainable co-operative business services for Ontario municipalities and the broader public sector. As the not-for-profit service arm of AMO, LAS helps its customers “save money, make money, and build capacity.”

[RealTerm Energy Corp.](#) is redefining the municipal street lighting market with intelligent LED lighting systems and services that deliver unmatched energy and maintenance savings. We create and foster long-term partnerships with forward-thinking private, public and government market leaders to deliver innovative and cost-effective lighting solutions.

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