



Market
Municipal

Location
Olympia Fields, IL

Project Type
Street/Parkin
LED Lighting Retrofit



DCEO Incentive
Received
\$25,760



Reduction in
Energy Consumption
73%



Total Project
Cost
\$48,010



Savings
per Month
\$359



Total Life
Cycle Savings
\$90,406



Return on
Investment
5 years

Project Overview

The Village of Olympia Fields wanted to upgrade the out dated lighting at a busy Metra Train Station and surrounding street lighting to ensure the surrounding area was safe for passengers, Metra staff and community members.

Verde's Solution

Verde Solutions was able to replace all the existing lighting equipment with retrofit kits which allowed Olympia Fields to take advantage of a 10-year warranty saving additional money. In addition to the reduction of energy usage, LED lighting in public spaces increasing visibility, reducing crime, creates greater eye appeal and boasts a longer product life span.

What does that mean?

Based on the conversion rates and usage by the Environmental Protection Agency, your net reduction of **84,254 kWh** would provide the following equivalent environmental benefits EACH YEAR.



12 passenger cars

84,254 is the equivalent of eliminating the annual greenhouse gas emissions of 12 passenger cars.



6,664 gallons of gasoline

84,254 is the equivalent of eliminating the CO2 emissions from 6,664 gallons of gasoline used.



Electricity used by 9 homes

84,254 is the equivalent of eliminating the electricity used by 9 homes during an average year.



22 tons of waste

84,254 is the equivalent of reducing greenhouse gas emissions by recycling 22 tons of waste instead of sending it to a landfill.