



**Market**  
Municipal

**Location**  
Olympia Fields, IL

**Project Type**  
Street/Parking  
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 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, reduces 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, Olympia Fields' 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.