



Sisters of Mercy



Farmington Hills, Michigan

The Sisters of Mercy Campus completes an energy-effective lighting project with MTI Lighting Specialists. MTI offered this lighting project with no capital expenditure and was completely funded through their energy savings.

In December, 2002, MTI Lighting Specialists implemented a professionally engineered lighting study and completed a lighting project for The Sisters of Mercy Campus, Farmington Hills, Michigan.



Lighting Upgrade Projects Deliver Savings and Value For Non-Profit Organizations

The Sisters of Mercy Campus needed to find ways to make their buildings more efficient, upgrade their outdated lighting system and avoid frequent lamp and ballast failure. By completing this professionally engineered lighting project, The Sisters of Mercy Campus will have a savings of \$112,604.16 annually.

CASE STUDY

Sisters of Mercy Campus
Farmington Hills, Michigan

Over a Ten Year Period, the Sisters of Mercy Hills location will save over \$1,126,000. That's Not Bad, for an Energy Bill.

Cleaning the Environment...

Energy-Effective Lighting and Pollution Prevention

At the Sisters of Mercy facility, their energy-effective retrofit means that they will remove 31.1 cars permanently from the road / plant 63.9 acres of trees.

It will also remove:
466,500 pounds of CO2 prevented per year
62,200 ounces of SO2 prevented per year
27,990 ounces of NOx prevented per year

A GREAT IMPROVEMENT FOR OUR ENVIRONMENT!

RETROFIT AND MAINTENANCE PROGRAM

* Sisters of Mercy took advantage of MTI's R.A.M.P. program. MTI Lighting Specialists developed a unique program that is structured as a combination of a lighting system upgrade and an ongoing maintenance program to provide our customers with an all-inclusive worry-free lighting system.

D E T A I L S	Total Number of Retrofits.....	5,755
	Annual Energy Cost Savings Due to Reduced Lamp Wattage.....	\$89,590.84
	Annual HVAC Energy Savings Due to Reduced Lamp Heat.....	\$10,539.31
	Annual Maintenance Cost Savings Due to Reduced Lamp Changes.....	\$12,747.00
	Total Annual Cost Savings.....	\$112,604.16
	Monthly Energy Cost Savings Total.....	\$9,383.68
	*Return on Investment.....	68.01 months
	Projected 10 Year Energy Cost Savings.....	\$1,126,041.56
	Average Utility Cost per kWh.....	\$0.067
	Total Kilowatt Reduction.....	311

-WE SUCCEEDED BY HELPING SISTERS OF MERCY ACCOMPLISH THEIR GOALS-