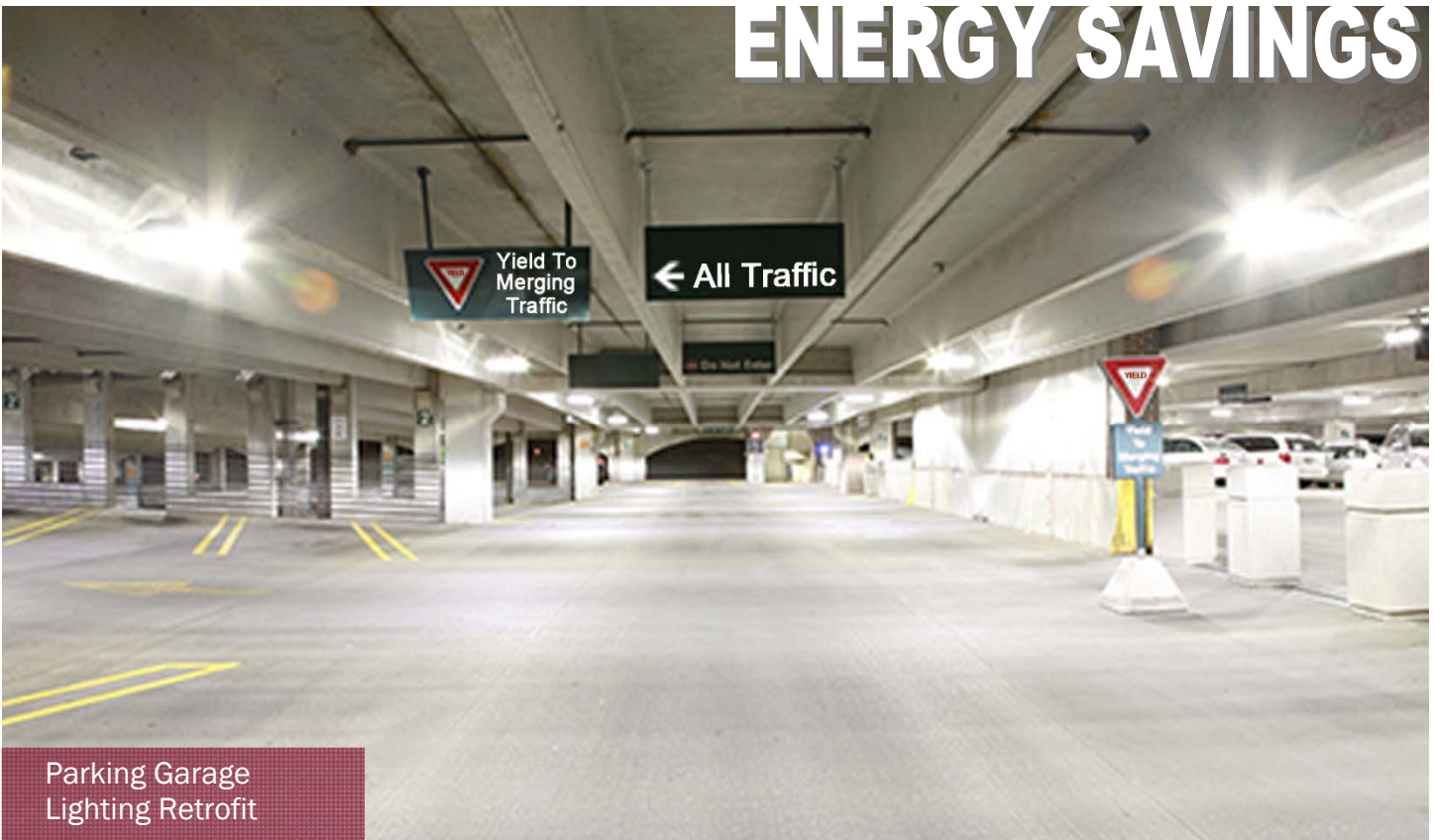


ENERGY SAVINGS



Parking Garage
Lighting Retrofit

Opportunity/Challenge

Hokanson Companies was engaged to perform property management services on a 600+ car parking garage. The parking garage contained 110/175W metal halide (mh) lamps and presented opportunities for cost.

Solution

Hokanson Companies developed a plan that would use 74 LED lamps including motion detectors to replace the existing 100 (mh) lamps, at a cost of \$900 per LED fixture. The project's total cost was \$66,600.

Results

Hokanson Companies competitively bid this retro fit for their client. All work was performed during second shift starting at 6:00 PM, providing no disruption to the garage occupants.

Our client's previous electric trend demand was 82 kilowatts – 90 kilowatts. The retrofit dropped the trend demands to 58 kilowatts – 70 kilowatts. Usage is down nearly 50% and the monthly cost by 40% providing savings of approximately \$2,400 per month.

The payback period for this modification including rebates secured from the local utility provider was less than two years.



Retro fit LED Lamps
Increased Utility Savings