

ESTIMATED PROJECT FINANCIALS

FINANCIAL SUMMARY OF RETROFIT PROJECT OPTIONS

The table below contains estimated information on project costs, operational costs, and financial returns associated with the proposed retrofit options.

	PARKING AREA LED RETROFIT OPTION	UNDER CANOPY LED RETROFIT OPTION	BACK OF BUILDING LED RETROFIT OPTION	TOTAL LED PROJECT w/ ALL FLOOD LIGHTING
PROJECT COSTS				
MATERIAL COSTS	\$76,000	\$8,435	\$2,925	\$87,360
LABOR COSTS	\$14,000	\$4,600	\$1,000	\$19,600
ESTIMATED TAXES	\$6,080	\$675	\$234	\$6,989
TOTAL PROJECT COSTS	\$96,080	\$13,710	\$4,159	\$113,949
ESTIMATED REBATE DOLLARS	\$6,073	\$361	\$319	\$6,753
TOTAL PROJECT COSTS (W/ REBATE)	\$90,007	\$13,349	\$3,840	\$107,196
OPERATIONAL COSTS ANALYSIS				
BASELINE ANNUAL ENERGY COSTS	\$48,960	\$2,575	\$2,248	\$53,783
PROPOSED ANNUAL ENERGY COSTS	\$18,593	\$773	\$652	\$20,017
PROPOSED ENERGY SAVINGS (Increase)	\$30,367	\$1,803	\$1,596	\$33,765
PROPOSED % ENERGY SAVINGS (Increase)	62%	70%	71%	63%
PROPOSED MAINTENANCE SAVINGS	\$2,542	\$2,166	\$177	\$4,884
FINANCIAL PERFORMANCE METRICS				
SIMPLE PAYBACK PERIOD	2.7	3.4	2.2	2.8
SIMPLE PAYBACK PERIOD (w/o rebates)	2.9	3.5	2.3	2.9
5 YEAR SAVINGS	\$151,832.70	\$9,014.04	\$7,979.27	\$168,826.01
10 YEAR SAVINGS	\$303,665.40	\$18,028.08	\$15,958.53	\$337,652.01

NOTES ON FINANCIAL ANALYSIS

- All values are calculated estimates and are for planning purposes.
- A red value indicates negative savings, or additional energy costs. In these cases, there is an increase in wattage needed to achieve the light level goals for the property. This should be avoided if possible but may be necessary in certain circumstances.
- “Parking Area” options are inclusive of the Main Parking, Entrance, Perimeter Parking, and Main Drive Zones unless otherwise noted.