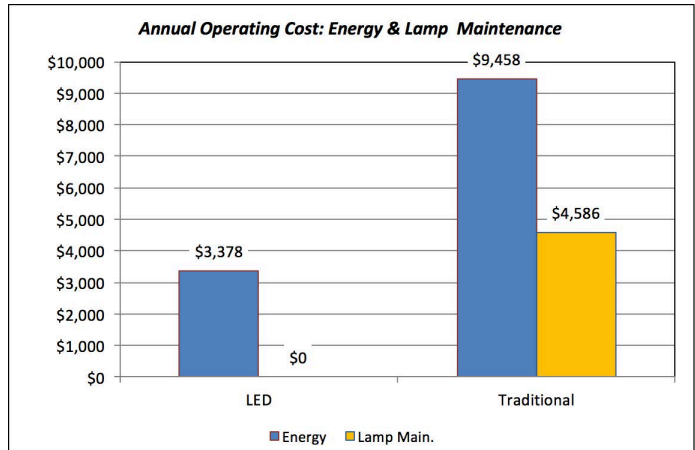


LED Lighting Retrofit

Lockhart Management & Consulting - Airview Center

Lockhart Management & Consulting recognized that their lighting cost of operations between energy usage and lifespan of the current bulbs had not been the best for their operation. Working with Alan Slyvester (Principal) we determined that replacing the existing lighting would provide substantial savings not just in utility consumption, but in maintenance cost and their cooling load as well!



Service: Replaced – 1092 4'T12 with LED equivalents. Savings: \$11,057 a year!

Simple Payback 7.49 Months

Cooling Load Reduction per hour 43,143 BTU/hr

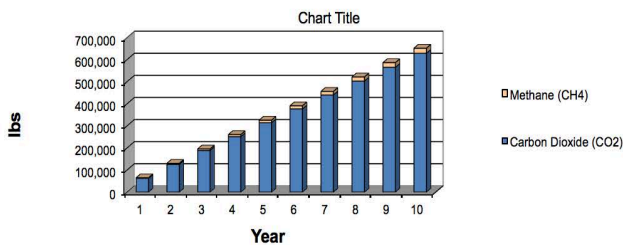
Environmental Impact

Greenhouse Gas Reduction

Reduction in greenhouse gases as a result of investing in LED lighting over traditional technology.

Cumulative Savings (lbs)

	Carbon Dioxide (CO ₂)	Nitrous Oxide (N ₂ O)	Methane (CH ₄)
Year 1	62,863	4,151	2,306
Year 5	230,607	20,755	11,530
Year 10	461,214	41,509	23,061



Equivalent Number of Vehicles (CO₂ Emissions)

Savings equivalency in fewer number of vehicles resulting from investing in LED lighting over traditional technology.

Number of Vehicles

Year 1	5
Year 5	19
Year 10	38

