



Summary of Financial Analysis - Town of Corte Madera, California

January 22, 2021

**Project Overview**

<b>Total Cost</b> ( <i>Ownership + Conversion</i> )	\$260,520
<b>20 Year Savings</b>	<b>\$1,793,002</b>
<b>Payback Period</b> ( <i>Energy Savings Only</i> )	5.28 years
<b>Payback Period</b> ( <i>Energy + Maintenance Savings</i> )	3.59 years

**Project Costs**

LED Conversion Cost ( <i>estimated costs for turnkey services, including labor/material</i> )	\$260,520
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<b>Year 1 Analysis</b>	<b>Existing</b>	<b>New</b>	<b>Savings</b>
Energy Usage [kWh]	348,188	99,138	249,050
Energy Usage Cost	\$67,259	\$18,975	\$48,284
Maintenance Cost	\$45,360	\$18,144	\$27,216
<b>Total</b>	<b>\$112,619</b>	<b>\$37,119</b>	<b>\$75,500</b>

<b>20 Year Analysis</b>	<b>Existing</b>	<b>New</b>	<b>Savings</b>
Energy Usage [kWh]	6,963,768	1,982,760	4,981,008
Energy Cost	\$1,480,984	\$417,809	\$1,063,175
Maintenance Cost	\$1,350,734	\$620,907	\$729,827
<b>Total</b>	<b>\$2,831,718</b>	<b>\$1,038,716</b>	<b>\$1,793,002</b>

**Assumptions**

Quantity of Lights Included in Analysis	756
Buyout Cost per Pole	\$0
Tariff Rate of Old System	LS2
Tariff Rate of New System	LS2
Fixture Manufacturer	General Electric