



LED Lighting Plan

City of Delray Beach/FDOT - George Bush Blvd (New Installation) 10.20.21

Going Green

This plan reduces power consumption by:
and that eliminates:
or removing:

(14,508) kWh / year
(10) metric tons of CO₂ every year¹
(2) cars from the road²

¹ eGRID, U.S. annual non-baseload CO₂ output
emission rate, year 2012 data

TOTAL	93		\$ -	\$ 2,766.74	\$ 2,766.74
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Installation Details		Existing	LED Solution	Existing vs. LED Solution
FPL Account: 93539-18403 (New Installation)		select fixture: None	Granville 37 Watt 3000K Green / Green	
fixture / pole:		1	1	
select pole:		None	Decorative Concrete	
Quantity:	93	Fixture*	\$ -	\$ 976.04
FPL Conversion:	No	Pole	\$ -	\$ 1,350.36
Full/Hybrid:	Full	Maintenance	\$ -	\$ 120.90
		Energy**	\$ -	\$ 71.60
		Monthly Total	\$ -	\$ 2,518.90

	Existing	LED Solution
Base Fixture	\$ -	\$ 976.04
Conversion Fee	N/A	-
Base Energy	\$ -	\$ 36.74
Fuel	\$ -	\$ 33.26
Conservation	\$ -	\$ 0.51
Capacity	\$ -	\$ 0.19
Environmental	\$ -	\$ 0.33
Storm	\$ -	\$ 0.58
kWh/month	0	1209
kWh/month Reduction		-1209

Installation Details		Existing	Proposed
Wire	select wire:	SL-1 UCNP	SL-1 UCNP
	Footage		
	select wire:	SL-1 UCUP	SL-1 UCUP
	Footage		
	select wire:		LT-1 UC
	Footage		6118
	Total	\$ -	\$ 247.84

*Includes fixture fee and monthly conversion fee where applicable.

**Includes Non-Fuel Energy charge, Fuel, Conservation, Capacity, Environmental, and Storm Charges.
Based upon FPL bill rates as of 01.01.22 / Applicable taxes and fees NOT included