



LED Lighting Plan

Margate Roadway Final

Going Green

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

161,976 kWh / year
114 metric tons of CO₂ every year¹
24 cars from the road²

¹ eGRID, U.S. annual non-baseload CO₂ output emission rate, year 2012 data
² US Environmental Protection Agency

TOTAL	763		\$ 6,100.08	\$ 6,472.40	\$ -	\$ -
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Installation Details		Existing	Option 1	Option 2	Option 3
1	select fixture:	SL1 - HPS0070	Contempo 38 Watt 4000K		
	fixture / pole:	1	1	1	1
	select pole:				
	Fixture*	\$ 2,556.42	\$ 3,959.03		
	Pole				
Quantity:	622				
FPL Conversion:	Yes	Maintenance	\$ 802.38		
Full/Hybrid:	Full	Energy**	\$ 489.81		
		Monthly Total	\$ 5,251.22		

Installation Details		Existing	Option 1	Option 2	Option 3
2	select fixture:	SL1 - HPS0070	American Rev 39 Watt 4000K		
	fixture / pole:	1	1	1	1
	select pole:				
	Fixture*	\$ 230.16	\$ 356.44		
	Pole				
Quantity:	56				
FPL Conversion:	Yes	Maintenance	\$ 72.24		
Full/Hybrid:	Full	Energy**	\$ 44.10		
		Monthly Total	\$ 472.78		

Installation Details		Existing	Option 1	Option 2	Option 3
3	select fixture:	SL1 - HPS0100	Contempo 38 Watt 4000K		
	fixture / pole:	1	1	1	1
	select pole:				
	Fixture*	\$ 146.30	\$ 222.78		
	Pole				
Quantity:	35				
FPL Conversion:	Yes	Maintenance	\$ 45.15		
Full/Hybrid:	Full	Energy**	\$ 27.56		
		Monthly Total	\$ 295.49		

** Includes Non-fuel Energy Charge, Fuel, Conservation, Capacity, Environmental, and Storm charges
*** This maintenance amount is an estimate based on typical lamp failure rates and replacement costs averaged per month over the life of the fixture
**** FPL charges a one-time fixture removal fee of \$50 per fixture. The customer has the option of removing the existing fixture themselves, but must notify FPL beforehand for proper billing
Sales tax and franchise fees not included (Hybrid only)

* Includes fixture fee and \$.99 monthly conversion fee

Installation Details		Existing	Option 1	Option 2	Option 3
4		select fixture:	SL1 - HPS0100	American Rev 39 Watt 4000K	
		fixture / pole:	1	1	1
		select pole:			
		Fixture*	\$ 41.80	\$ 63.65	
		Pole			
Quantity:	10	Maintenance	\$ 19.80	\$ 12.90	
FPL Conversion:	Yes	Energy**	\$ 24.88	\$ 7.87	
Full/Hybrid:	Full	Monthly Total	\$ 86.48	\$ 84.42	
Installation Details		Existing	Option 1	Option 2	Option 3
5		select fixture:	SL1 - HPS0150	Contempo 72 Watt 4000K	
		fixture / pole:	1	1	1
		select pole:			
		Fixture*	\$ 129.30	\$ 190.95	
		Pole			
Quantity:	30	Maintenance	\$ 60.30	\$ 38.70	
FPL Conversion:	Yes	Energy**	\$ 109.24	\$ 46.49	
Full/Hybrid:	Full	Monthly Total	\$ 298.84	\$ 276.14	
Installation Details		Existing	Option 1	Option 2	Option 3
6		select fixture:	SL1 - HPS0150	American Rev 74 Watt 4000K	
		fixture / pole:	1	1	1
		select pole:			
		Fixture*	\$ 43.10	\$ 63.65	
		Pole			
Quantity:	10	Maintenance	\$ 20.10	\$ 12.90	
FPL Conversion:	Yes	Energy**	\$ 36.41	\$ 15.80	
Full/Hybrid:	Full	Monthly Total	\$ 99.61	\$ 92.35	

* Includes fixture fee and \$.99 monthly conversion fee

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 **** FPL charges a one-time fixture removal fee of \$50 per fixture. The customer has the option of removing the existing fixture themselves, but must notify FPL beforehand for proper billing
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