

Government Agency

Collier County

Collier County, Florida significantly decreased energy and maintenance costs by replacing traditional high pressure sodium lights with intelligent Apollo Metro LED lights.

- reduced energy costs by over 62% per year
- lowered maintenance costs by 40% per year
- cut carbon emissions by over 60% per year

apollo METRO SOLUTIONS



SIGNIFICANT COST AND MAINTENANCE SAVINGS FOR COLLIER COUNTY THROUGH THE USE OF INTELLIGENT APOLLO METRO LED LUMINAIRES

OPPORTUNITY

During a pilot project in 2014, Collier County set out to replace some of its 400-watt high pressure sodium lights with LED luminaires. The aim of the upgrade was to decrease energy and maintenance costs.

SOLUTION

Collier County installed over 120 intelligent Apollo Metro LED luminaires, which resulted in a **62% decrease in energy costs** as well as a **40% decrease in maintenance spending**. Based on these realized savings, a total upgrade of all 4,958 HPS luminaires in Collier County would result in annual saving of $573,800.
During the pilot project, savings were achieved through the use of intelligent Apollo Metro LED luminaires, which feature low-energy consuming LED lights as well as an energy optimization software that allows for remote dimming based on traffic, time of day and seasonality.

ADDITIONAL ADVANTAGES

Besides the clear cost savings that has been realized through Apollo Metro's intelligent LED luminaires, the lights also provide additional advantages:

- Longer lifetime due to optimized heat dissipation
- Software and luminaires are sourced through a single vendor
- Waterproof and smooth surfaces enable easy cleaning
- More natural light that increases safety of the travelling public
- Streamlined design resulting in a low wind load

"We chose to work with Apollo Metro because they have a light that is far superior to anything else that is currently on market."

John W. Miller,
Project Manager, Signal & Lighting Operations, Collier County

Learn more at **www.apollometro.com** | **sales@apollometro.com** | **1-239-444-6934**

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