



Legislation Details (With Text)

**File #:** 18-0357      **Version:** 1      **Name:**  
**Type:** Discussion Items      **Status:** General Agenda  
**File created:** 1/4/2019      **In control:** Infrastructure Board  
**On agenda:** 1/7/2019      **Final action:** 1/7/2019  
**Title:** Town Street lighting update and overview

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
------	------	-----------	--------	--------

**Summary**

To: Infrastructure Board  
From: Keith A. Bodeker  
Date: 1/4/2019

**Subject:**

Town street lighting update and overview

**Summary:**

Town staff has been working tirelessly on several aspects of street lighting within Town limits over the last year. These have been some much needed upgrades and improvements, but there is still a lot of work yet to be done. One of the upgrades that have taken place is replacing existing direct buried wire for the decorative street lights. Staff is having 1” conduit installed to each of the decorative street lights, with new wiring installed inside the conduit. This has been a huge help in supplying a more consistent power supply to the lights. To date we have been able to successfully complete all replacements from Park Ave south to Mehlenbacher Road on the west side of Indian Rocks Road.

Another upgrade that staff has worked on is updating all of the Duke lighting from high pressure sodium lights (yellow color) to LED (bright white). Town staff is still working with Duke on when the LED conversions will start, but anticipate it to be some time in Spring of 2019. Finally, staff wanted to inform the Infrastructure Board that they have been having numerous issues with the current street light supplier, Cyclone Lighting. There was a previous shipment of lights that have been found to have a “leak defect” that renders the lights useless once the lights fills up with water. The supplier has been less than forth coming in supplying replacement parts in a timely manner in order to repair them. Also, the supplier is no longer making the current style of head with LED chips in it, they are going to a solid module type. While the style change can be handled with a few minor adjustments to managing inventory, the outrageously long lead and delivery times are difficult to manage and plan for.

Staff will be exploring more options in the future to bring to this Board for their input and review. In the short term, staff has found a retrofit option to make use of the existing light fixtures and globes. We are able to

purchase the replacement bulbs directly, and in a more timely manner, to have a 5 yr warranty on them and can replace on our own. Also, the current retrofit cost is more cost effective than purchasing the Cyclone option. The retrofits have been installed on Belleview Blvd starting at Ft Harrison and heading to the west. Staff will bring examples of the deficient lights and the new retrofits to the meeting.

**Previous Commission Action:** N/A

**Background/Problem Discussion:** N/A

**Expenditure Challenges** N/A

**Financial Implications:** N/A

**Recommendation:** N/A

**Proposed Motion** N/A