

MINUTES
Public Meeting of the
Street Light Advisory Committee
Thursday, February 21, 2019, 5:30 P.M.
City of Bonita Springs
9101 Bonita Beach Road, Room 118
Bonita Springs, Florida 34135

I. MEETING CALLED TO ORDER.

Meeting called to order at 5:31 p.m.

II. ROLL CALL.

Present

Kathy McGrath
Chuck Homulka
Robin Hulsizer
Robert J. Bornstein
Anna Brockway
David Schmitt
Kate Donofrio

Staff

Matt Feeney

Guest

Laura Bayona - FPL
Erick S Culling - FPL

III. APPROVAL OF MINUTES OF JANUARY 17, 2019

Ms. Donofrio made a motion to accept the January 17, 2019 minutes; Kathy McGrath seconded; motion passed unanimously.

IV. PUBLIC COMMENT:

No public comment.

V. OLD BUSINESS:

No old business was discussed

VI. NEW BUSINESS: LED Locations and Details

Eric Culling, FPL Representative

Mr. Feeney indicated that area 3B on the map is the location of Bonita Grande. Mr. Feeney stated it would be worthwhile for the Committee to look at that area. Mr. Feeney recommended that the Committee look at the lighting on US 41 in Estero so they can see what they highway lighting will look like. Mr. Feeney has taken pictures of what it will look like and can share with the Committee at the next meeting. The industry is moving towards this, so Mr. Feeney stated it is something the Committee should consider giving a recommendation to City Council.

Mr. Feeney introduced Mr. Erick Culling, Program Manager from FPL for our area for street light conversion.

Mr. Culling asked if the Committee had any questions and what topics they would like covered.

Questions from the Committee:

- Cost
- Timetable
- Approvals and installation
- Interruption to traffic
- Communication to the community
 - What they are doing
 - Why they are doing it

Mr. Culling presented on where FPL is going and the lighting industry in general.

- FPL has been in the street lighting business starting in 1925
- FPL is a subsidiary of a parent company, NextEra Energy
 - One of the top green utilities in the Country
 - Produces the most wind and solar renewable energy in the world

Mr. Culling explained the LED technology would plug into the renewal/cost reduction/greenhouse gas and environmental concerns with positive impacts.

- All of their lights are controlled by photocells so they operate from dusk to dawn.
- A ticket and work order will be automatically generated when a street light goes out.
- FPL expects widespread rollout in a year or two.
- All the smart nodes are currently deployed on existing fixtures.

Mr. Culling explained that FPL filed the LT1 Pilot Tariff with the Florida Public Service Commission about 18 to 24 months ago, which was approved. It allows FPL to offer a robust catalog of LED fixtures, some decorative pole options they have never had before.

Committee member asked if they had any statistics on the cost savings. Mr. Culling replied yes.

Committee members asked how long it takes to convert each pole. Mr. Culling replied their contractors are averaging anywhere from 35 to 50 lights per week depending upon the type of maintenance of traffic. If they are in a subdivision, its gets done quicker than if they are on a major highway.

Mr. Feeney said there has been concern from the community regarding light pollution and Council is looking to the Committee for a recommendation. If ultimately if the Committee is comfortable in the next upcoming months they can come forward to City Council with a recommendation and enter into a conversion agreement.

Mr. Culling explained that Florida Department of Transportation (FDOT) has a higher lighting requirement, since Bonita Grande, is not an FDOT road there would not be the same requirement. The Committee discussed concerns regarding light pollution and understand that Bonita Grande will not look like US 41. Mr. Culling confirmed it would be a one for one conversion.

Mr. Culling spoke about dark skies and the Committee discussed the importance of having a zero up-light rating in Bonita Springs.

Mr. Culling talked about color temperature. Bonita Grande is 4000. Most of the Communities on the West Coast go with 4000. FPL is investigating an amber light for turtles that is in process, but he does not have a date when it will be available. The Committee discussed light issues with turtles. The Committee wants to make sure they address this concern and reevaluate as appropriate.

Mr. Culling stated from a financial standpoint, there is a benefit for the community. There is no capital cost associated with switching out to LED lighting. They will see a reduction of 12.5 % on an annual basis on the lighting system.

Committee asked if they did section by section, or if they "hopped" around. Mr. Culling stated they could establish a north to south, east to west plan. There are twelve orders and as the material comes in, it is assigned a work order. The answer is there might be some hopping around.

The Committee discussed communicating with the public. Mr. Feeney said they could communicate in general, but as far as getting into the specifics on sequencing given the project as Mr. Culling described, they would not be able to communicate to that detail.

Ms. Bayona reported that she has received positive feedback in communities where they have installed the LED lighting. Specifically in the 55 and up communities.

Mr. Schmitt said maybe the game plan is look at the lights in the Community and next month when we get together, we can look at it and develop a game plan to moving forward to City Council. Ms. McGrath said they could also discuss communicating with the Community.

Mr. Feeney asked if the work would be done at night or during the day. The Committee discussed the difficulties involved with doing work during the day during season.

Committee member asked if they had any videos of a community that has conventional lighting before and after they convert. Ms. Bayona stated she is going to see if she can get a drone to take before and after pictures. Mr. Feeney commented that is the kind of information they need to bring to Council.

Mr. Culling said he would be happy to provide any material to present to Council.

The Committee discussed reaching out to Lee County regarding the lighting on Bonita Beach Road.

VII. MEMBER ITEMS:

VIII. CONFIRM NEXT MEETING:

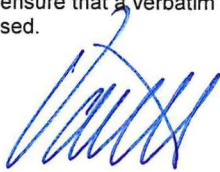
The next meeting confirmed for March 21, 2019.

IX. ADJOURNMENT.

Meeting adjourned at 6:39 p.m.

Any person requiring special accommodations at any of the meetings because of a disability or physical impairment should contact Arleen Hunter, Assistant City Manager, at 239-949-6262, at least 48 hours prior to the meeting.

If a person decides to appeal a decision made by the Council in any matter considered at this meeting/hearing, such person may need to ensure that a verbatim record of the proceedings is made, to include the testimony and evidence upon which such appeal is to be based.



DAVID W. SCHMITT, CHAIRMAN

5/16/2019

DATE