

**LELY COMMUNITY DEVELOPMENT DISTRICT
NAPLES, FLORIDA
Minutes of the Board of Supervisors Workshop
January 14, 2015**

A workshop of the Supervisors of Lely Community Development District was held on Wednesday, January 14, 2015 at 1:00 p.m. at the LCDD Maintenance Building.

SUPERVISORS PRESENT: Robert Fisher, Chairman
Gerry Campkin, Vice-Chairman
Harold Ousley, Treasurer
Kenneth Drum, Secretary
William Lee, Public Relations

ALSO PRESENT: W. Neil Dorrill, Dorrill Management Group, Manager and
Assistant Secretary/Treasurer
Kevin Carter, Dorrill Management Group
David Bryant, District Counsel
Jerry Ellis, Operations Manager

CONTINUATION OF STREET LIGHTING WORKSHOP

Jerry Cole, the District's civil engineer, directed Mr. Carter to Tom Hollis, an engineer who specializes in the field of street lights. Recently some deterioration of the steel under lighting elements has been noticed on some of the taller lights, and some alternatives have been discussed.

Kevin Carter provided handouts to the Board members, and advised them that Mr. Cole had provided more definitive information to him about how many lights are needed from a safety standpoint and the differences in design and composition.

Mr. Hollis and Mr. Carter put the information together for the Board, and Mr. Hollis then addressed the Board on his findings and recommendations.

Mr. Hollis advised the Board that all the lights up and down the main roadways are owned by the District, both the 13 foot lights and the 40 to 50 foot lights, and that entire system was put together to light all the roadways. Several of the smaller lights do have issues, and Mr. Hollis presented several options for the Board to consider. Among them are the lights that went into Pelican Marsh. The poles were cast in town by a local manufacturer who still has the ability to cast those poles. The tentative price per pole would be \$1,150. Mr. Hollis added that whether the pole was steel, aluminum or

Lely CDD Workshop – Minutes

January 14, 2015

Page 2

fiberglass, the average price will be around \$1,000.

With Mr. Cole's group's help, a computerized program was developed where the lights can be posted on it, which enables a manufacturer to do a photometric study of the roadway and tell them whether there is proper lighting.

Another vendor from Bonita Springs provided some lighting options which were included in the packet for the Board. Mr. Hollis went through the packet, showing the different post options and how they can be packaged with the fixture. Included also were a few FPL style fixtures which were not recommended for this situation because of their tariff amounts. Also shown was a typical subdivision pole made of fiberglass, which is also about 12 feet tall.

Mr. Dorrill asked that as Collier County owns the roads and is responsible for their maintenance and repair and the District owns the streetlights, if there were streetlight standards within the County's land development code. If so, in a residential design situation such as Lely, if they are trying to provide lighting in terms of safety for pedestrians, what street lighting design standards should be or are in Southwest Florida. Mr. Hollis indicated that Collier County does have requirements for street lighting in the development code, and Item 6.3.60 states those requirements, and what they are basically looking at is the amount of light on the roadways rather than the pedestrians on the sidewalks.

Mr. Dorrill then asked if Mr. Hollis would prepare an engineered drawing that would portray what the lumens are to make sure they comply with the codes, and Mr. Hollis answered that he would, and also indicated that he did survey the amount of lighting poles and fixtures needed the previous day. There appears to be roughly 67 13-foot lights on Lely Resort Boulevard, Grand Lely Boulevard, Celeste and Triangle. In the residential neighborhoods, for instance, Lely Island Circle and Tiger Island Circle, Mr. Dorrill asked if those on the inside were part of the 67 noted, or if they were a different style, and was advised that they were not part of the 67, a different style, and owned by the District.

As it relates to the FPL concrete poles, the per month quoted price of \$12 to \$14 includes the pole, the fixture, the electric charge and the maintenance.

Lely Community Development District Workshop Minutes

January 14, 2015

Page 3

Mr. Campkin asked for clarification on the list from 20 years ago that Mr. Hollis mentioned, and was advised that the majority of these streetlights were installed at that time and the list was made by a local engineer who has since passed away.

The areas in question were clarified, and Mr. Dorrill then recapped, stating that there are roughly 70 secondary type poles along the sidewalks that are only on the three main roadways within the District. The smaller, secondary lights were installed at the same time, probably for esthetic purposes at the entrances, in Mr. Hollis' opinion.

State of the art fixtures are now the LED lights due to their long lives and energy efficiency, which will save the District money in the long run.

Mr. Drum asked if the taller streetlights could be made more powerful if the smaller lights are removed from certain intersections to compensate for that extra lighting, and Mr. Hollis felt that the intersections within Lely may be able to operate without the extra lights with increased lighting on the higher poles, but that would need to be checked into. Mr. Drum asked what the number would be reduced to if none of the intersection lights were replaced, and was advised that approximately 20 to 25 lights would be taken off the list.

Mr. Drum also asked if it were possible to just repair the bottom corroded parts of these light posts, and Mr. Ellis indicated that this could be done, and Mr. Dorrill added that to replace the ornamental poles with standard concrete poles would be another option, and he added that the concrete poles last longer than the fiberglass. Mr. Hollis recommended that the concrete poles be put into the direct bear base.

Mr. Drum asked if it would be possible to replace every other light fixture at the entrances where they add to the esthetics, and was advised that there may be problems with the poles, and there may be pockets of light in one area with a break in between.

Mr. Dorrill asked that a lighting plan be prepared showing the lights that are presently in place, those that need to be replaced, and then estimates on doing it all at once or doing it in phases. The Board can then determine how much they wanted to spend on replacing the light poles and fixtures, and how much lighting was now needed at the entrances.

Mr. Hollis was thanked for his presentation, and the workshop was adjourned.

A five minute break was then taken.