

A Short, Light Survey: Orford's 33 Streetlights

At request of the Selectboard, the OEC is looking into updating our streetlights. This was last considered, with no action taken, in 2013. In the interim, many significant changes have occurred in efficiency improvements, reduced cost for given amounts of light and technical advances in controlling lights and the characteristics of light.

The OEC and Selectboard appreciate well recognize that in some locations, there may be very different opinions. The purpose of this survey is to determine whether there is strong interest in upgrading our current lights. If so, we then will have a professional do a quick physical survey of our system and make specific recommendations. Your responses will provide initial guidance and as consideration proceeds there will be additional public input opportunities.

Orford Street Light Facts

Orford has 33 Streetlights, all on the Eversource system and primarily along Route 10 in the village, in Orfordville on Route 25A and just up Dame Hill Road from Orfordville.

Last year, street lighting cost the town just under \$10,000, not a big number in our budget.

There are various financial incentives being offered to reduce the cost of new fixtures should we opt to get, for example, new efficient LED lights, but there are some up-front costs to the town of doing a conversion to new efficient, better lights that will have lower operating costs going forward.

Basic upgrading Orford's current street lighting to highly efficient LEDs would cost approximately \$10,000. At present power rates, conversion can save more than \$6,000 every year, meaning the payback would be under 2 years on this project and every future year will be saving money.

The Survey

1. Please rank order the importance to you of the following lighting characteristics:

(#)

- | | |
|----------------------|---|
| <input type="text"/> | <u>Safety</u> (brightness & area illuminated) |
| <input type="text"/> | <u>Suitable to</u> the historic character of the area |
| <input type="text"/> | <u>Individual Light Controls</u> on timing, positioning, etc. |
| <input type="text"/> | <u>Avoiding light pollution</u> |
| <input type="text"/> | <u>Energy / Cost efficiency</u> |

2. If you can see a streetlight from your residence, please write YES. If you wish, please share your opinions about its location, usefulness and reliability, effectiveness.

3. Please comment on any lights or light locations which you consider inappropriate, substandard (too bright or dull or mis-positioned) and why _____

THANK YOU