

Report to Council

Report Title: Chepstow Funding Request – LED Streetlights
Prepared By: Cally Mann, Municipal Executive Coordinator
Department: Operations
Date: January 26, 2021
Report Number: PW2021-01 **File Number:** C11PW
Attachments: Brockton Funding Request from Chepstow Lions Club

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2021-01 – Chepstow Funding Request – LED Streetlights, prepared by Cally Mann, Municipal Executive Coordinator and in doing so requests Council approval to donate \$_____ to the Chepstow Lions Club for inclusion in the 2021 Municipal Budget.

Report:

Background:

On January 8th, 2021, the president of the Chepstow Lion's Club requested a donation from Council to help fund the purchase and installation of 20 LED decorative streetlights to be placed in the hamlet of Chepstow. The intention will be to install the lights for year-round enjoyment. The current estimated costs per light is \$1,000 – to purchase and for the installation of the light as written in the request by the Chepstow Lions Club.

The Chepstow Lions Club had purchased the old Walkerton wreath Christmas lights in 2006, which are normally installed from November to the beginning of January and are looking to update to LED lights. The new light design has not been chosen. There are 17 lights that would be on the main street, with three lights to be installed on John Street. The three additional lights are new additions and may require additional permissions from Hydro One.

In light of the COVID pandemic restrictions and the inability to fundraise, the Chepstow Lions Club is seeking a reasonable contribution from the Brockton council to a maximum of \$20,000, as outlined by Council at the previous meeting the following options were discussed:

1. Two one-time donation of \$2,500 over the next two years
2. Two one-time donation of \$10,000 over the next two years

Analysis:

The lights are to be kept up year round and are not expected to be taken down at this time. They will be lit as per the sensor so they will not need rewiring, with the exception for the three on John Street, which would need to be wired appropriately. The costs provided to the municipality by the Chepstow Lions Club includes the installation of the lights. For reference, the cost for installation of the Walkerton lights is approximately \$600 for 56 lights. Staff have reached out to Hydro One to determine if permissions are required from them for installation year round and for the addition of John Street. It is written permission from Hydro One but permission has not yet been granted.

For electricity usage, staff reviewed the costs related to the 56 Walkerton LED lights. While the cost comparison is difficult to provide as Walkerton is maintained by Westerio and Chepstow is maintained by Hydro One and the Walkerton streetlight bill contains almost all streetlights in Walkerton. The difference in KWh usage in December is just under 100 kWh per day extra in 2018, 2019 and 2020 when compared to the following October and previous February. For reference, over the winter, the average usage is between 37,000 and 45,000 kWh or 1,250-1,450 kWh per day. It should be noted that this cost is reflective of winter hydro times where the sun sets earlier than in the summer, so fluctuation is to be expected. Chepstow's street lights currently use approximately \$36 of electricity in one month with the old non-LED lights on, so it is not expected to change the costs drastically.

Ownership remains a consideration. If the Municipality is contributing, installing and paying the hydro we would need to be clear these would be considered a municipal asset and future maintenance of the fixtures would require additional municipal staff time and expense as required.

This is a great project to partner with the Chepstow Lions Club on and the additional expenses and considerations have been outlined for Council's information prior to commitment.

Sustainability Checklist:

What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance?

- | | |
|---|-----|
| • Do the recommendations help move the Municipality closer to its Vision? | Yes |
| • Do the recommendations contribute to achieving Cultural Vibrancy? | Yes |
| • Do the recommendations contribute to achieving Economic Prosperity? | N/A |
| • Do the recommendations contribute to Environmental Integrity? | N/A |
| • Do the recommendations contribute to the Social Equity? | Yes |

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective? Yes

The donation decision would have an overall impact on the budget for 2021 and 2022. In addition, there is an increase in operating cost for the hydro and future maintenance of the fixtures as required.

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:



Cally Mann, Municipal Executive Coordinator

Reviewed By:



Sonya Watson, Chief Administrative Officer