



TOWNSHIP OF NORTH HURON

REPORT

Item No.

REPORT TO: Reeve Vincent and Members of Council
PREPARED BY: Sean McGhee
DATE: 08/02/2018
SUBJECT: Summit Drive Streetlight Retrofit
ATTACHMENTS: Summit Drive Streetlight Map

RECOMMENDATION:

THAT the Council of the Township of North Huron hereby receive the report of the Director of Public Works, dated February 8, 2018 regarding the Summit Drive Streetlight Retrofit;

AND FURTHER, That, the costs associated with the project be included for discussion and consideration in the 2018 North Huron budget.

EXECUTIVE SUMMARY

During the streetlight audit completed by Realterm Energy it was noted that conventional streetlights were not installed on Summit Drive. The streetlighting in this area of the community is accomplished through the use of yard lighting installed on private property. Each of the yard lights are electrically connected ahead of the meter at each residential service to avoid associated energy costs.

This is of concern in that the yard lighting does not provide the same level of street illumination that is produced through conventional streetlights. In addition, as the service for the yard lighting is installed ahead of the household panel, there is no conventional circuit protection associated with this power supply.

As resolution of this issue involves much more than the simple replacement of the existing light fixtures, it far exceeded the scope of the original retrofit project and as such was excluded.

Budget pricing has been secured to disconnect the original yard lighting and install six (6) new streetlights. The project includes purchase and installation of streetlight poles and all associated hardware, directional boring, conduit installation and wiring, as well as disconnection of the existing yard lighting circuit.

DISCUSSION

Realterm energy provided the Township with recommended locations for the installed streetlighting. If the project is to proceed, communication with property owners will be essential as the project includes the disconnect of the existing yard lighting which is situated on private property.

Budget price for the work is estimated at between \$35,000 and \$40,000 to complete.

As this is in essence a component of the Streetlight Retrofit, it is recommended that the same funding source and approach be applied to this component of the project as was utilized to fund the original Streetlight Retrofit project.

FINANCIAL IMPACT

If funded internally through borrowing, this expenditure will have no overall impact on the 2018 operating budget. The borrowing will extend the overall payback time of the project.

FUTURE CONSIDERATIONS

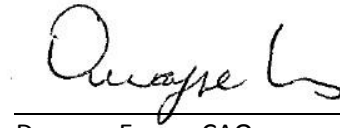
If this project does not move forward, discussion will be necessary surrounding the approach that was taken in wiring the existing yard lighting on Summit Drive

RELATIONSHIP TO STRATEGIC PLAN

This project relates to **Goal No. 3** of the Strategic Plan in that the Township is healthy and safe, and **Goal No. 4**, the administration is fiscally responsible and strives for operational excellence,



Sean McGhee, Director of Public Works



Dwayne Evans, CAO