

## Department 23 – Street Lights

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### Overview



Streetlights in various parts of the municipality are the responsibility of the Township. Certain streetlights at controlled intersections are covered by the authority responsible for traffic signalization. (i.e. the County or Province)

Street lighting throughout the Township is traditionally present in settlement and built up areas only.

The Township currently has responsibility for approximately 616 streetlights throughout the municipality. In 2015 the Township completed the conversion of all cobra head style street lights to LED. This has resulted in significantly reduced operating costs due to lower electricity consumption and maintenance requirements.

### Revenues

Street lighting throughout the Township is funded through the general tax levy.

### Expenditures

The budget estimates reflect the costs related to hydro charges and maintenance. The cost of the LED conversion project was funded internally using Township reserves. The budget provides for the fifth installment of the repayment to the reserve. It is expected that operational cost savings will fully pay for the capital costs of the new fixtures and installations within 6 years.

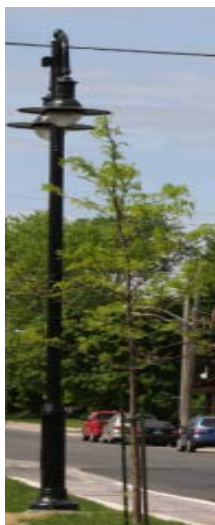


With four full years now complete since the LED conversion, we have reduced our kWh consumption by 60%, reduced our operating costs associated with street light electricity by 48% and reduced our maintenance costs by 85%. The lower electrical consumption has also resulted in a lowering of GHG emissions associated with street lighting by 65%.

### Activity Update – Beyond Budget Dollars & Cents

The green decorative street lights in downtown Lakefield are proposed to be replaced as part of the Trail Town project. The Township has conditional approval for a Rural Economic Development (RED) grant that would fund the replacement of 21 green decorative light standards.

The new light standards would be black (similar to the standards at the Queen and Concession Street intersection shown adjacent). The standards would also be installed with LED heads contributing to energy efficiency and cost savings.



Township of Selwyn  
 Budget Worksheet  
 Budget Year 2020

<b>Department # 23</b>	<b>Street Lighting</b>	2017 Year End Actuals	2017 Approved Budget	2018 Year End Actuals	2018 Approved Budget	2019 Year End Actuals	2019 Approved Budget	<b>2020 Proposed Budget</b>
<b><u>Revenues:</u></b>								
	Provincial Grants	0	0	0	0	0	0	59,400
	Misc. Receipts	14,303	0	0	0	0	0	0
	Transfers							
	- From Taxation	105,058	105,058	105,058	105,058	105,058	105,058	105,058
	- From Reserves	51,005	51,005	67,077	67,077	28,099	28,099	29,957
	- From OMPF	0	0	0	0	0	0	138,600
	<b>Total Revenues</b>	<b>170,366</b>	<b>156,063</b>	<b>172,135</b>	<b>172,135</b>	<b>133,157</b>	<b>133,157</b>	<b>333,015</b>
<b><u>Expenditures:</u></b>								
	Permit Fees	312	309	317	312	312	318	312
	- Annual Payment of Unfinanced (P&I)	41,334	41,334	41,334	41,334	41,334	41,334	41,334
	Light Maintenance	14,841	6,500	7,155	6,812	3,014	6,906	7,000
	Hydro Charges	46,802	56,600	45,229	56,600	43,540	56,500	48,500
	Capital Purchases	0	0	0	0	0	0	198,000
	Transfers							
	- To Reserves	67,077	51,320	78,099	67,077	44,957	28,099	37,869
	<b>Total Expenditures</b>	<b>170,366</b>	<b>156,063</b>	<b>172,135</b>	<b>172,135</b>	<b>133,157</b>	<b>133,157</b>	<b>333,015</b>
	Balance	0	0	0	(0)	(0)	0	0