

## **Background**

This report provides the financial results of the 2016 winter roads operations up to and including the month of December 2016. As depicted in Table 1 below, the result for the fiscal year 2016 winter roads operations is an over expenditure of approximately \$2.3 million.

<b>Table 1</b>			
<b>2016 Winter Summary</b>			
<b>As at December 31, 2016</b>			
	<b>Annual Budget</b>	<b>YTD Actual</b>	<b>Annual Variance</b>
<b>Administration &amp; Supervision</b>	2,357,174	2,449,200	(92,026)
<b>Sanding/Salting/Plowing</b>	6,847,831	8,261,845	(1,414,014)
<b>Snow Removal</b>	526,531	1,050,432	(523,901)
<b>Sidewalk Maintenance</b>	898,182	1,016,080	(117,898)
<b>Winter Ditching/Spring Cleanup</b>	1,746,086	1,855,751	(109,665)
<b>Miscellaneous Winter Roads</b>	4,180,398	4,219,516	(39,118)
<b>Totals</b>	<b>16,556,202</b>	<b>18,852,824</b>	<b>(2,296,622)</b>

## **2016 Winter Control Activities**

As shown in Table 2 below, the City received approximately 425 centimeters or 166% of the average annual snowfall in 2016. From January to April, approximately 203% of the annual average snowfall was received. November and December reached 61% and 166%, respectively, of the average annual snowfall.

The above average snowfall throughout the year contributed to the over expenditure of approximately \$2.3 million in winter control activities. The largest contributors were sanding/salting/plowing (\$1.4 million) and snow removal (\$0.5 million).

<b>Table 2</b>							
<b>2016 Snowfall</b>							
	<b>Jan.</b>	<b>Feb.</b>	<b>Mar.</b>	<b>Apr.</b>	<b>Nov.</b>	<b>Dec.</b>	<b>Total</b>
<b>Normal 30 Year Avg. (cm)</b>	60	52	35	17	30	63	257
<b>2016 Actual (cm)</b>	91	117	40	55	18	105	425
<b>% of Actual to Normal</b>	152%	225%	113%	322%	61%	166%	166%

## **Miscellaneous Winter Roads**

At the April 18<sup>th</sup>, 2016 Operations Committee, there was a request for more detail on what is included in the Miscellaneous Winter Roads cost centre as displayed in Table 1 above. This cost centre totals approximately \$4.2 million, and the major expenses in this cost centre are outlined in Table 3 below.

<b>Table 3</b> <b>2016 Miscellaneous Winter Roads</b>	
<b>Expense Type</b>	<b>Annual Budget (millions \$)</b>
Employee Benefits	\$ 1.4
Asphalt Patching	\$ 0.8
Internal Recoveries (HR, Finance, IT)	\$ 0.7
Standby (Contracted Service)	\$ 0.7
Health & Safety	\$ 0.2
Other (Road Patrol, Emergency Response, Tool Repair, Property Restoration, etc.)	\$ 0.4
<b>Total</b>	<b>\$ 4.2</b>

### **Summary**

In summary, winter roads operations for 2016 were over budget by \$2.3 million. As per the Reserve and Reserve Fund policy, any annual over/under expenditures in winter roads operations may be funded/contributed towards the Roads Winter Control Reserve Fund.