

# Attachment 'C'- Preliminary Cost Estimates<sup>1</sup>

## McCowan Road Culvert Replacement and Floodplain Cut/Fill Works

<b>A. Technical Studies &amp; Preliminary Design:</b>	
1. Technical studies	\$ 92,710.00
2. City's review fee (10% of the studies cost)	\$ 9,271.00
3. TRCA review & permit fees	\$ 17,800.00
4. York Region encroachment fee	\$ 1,800.00
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	Sub-Total (A) \$ 121,581.00
	<u>HST (1.76%) \$ 2,140.00</u>
	<b>Sub-Total (A) \$ 123,721.00</b>
<b>B. Detailed Design:</b>	
1. Consultant (SCS) fee	\$ 235,000.00
2. York Region review fee	\$ 110,600.00
(7% of the culvert construction cost of \$1,580,000)	
3. City's review fee ( 10% of \$235,000)	\$ 23,500.00
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	Sub-Total (B) \$ 369,100.00
	<u>HST (1.76%) \$ 6,496.00</u>
	<b>Sub-Total (B) \$ 375,596.00</b>
<b>C. Construction:</b>	
1. Culvert replacement	\$1,580,000.00
2. Floodplain Cut/Fill cost	\$ 690,500.00
3. Contract administration & project management by SCS	\$159,000.00
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	Sub-Total (C) \$2,429,500.00
	<u>HST (1.76%) \$42,759.00</u>
	<b>Sub-Total (C) \$ 2,472,259.00</b>
<b>D. City's administrative fee (10% of sub-total C)</b>	<b>\$247,226.00</b>
<b>Technical Studies and Detailed Design Cost including HST impact (A+B)</b>	<b>\$499,317.00</b>
<b>Total Project Cost including HST impact (A+B+C+D)</b>	<b>\$ 3,218,802.00</b>

Note: Numbers are rounded to the nearest decimal place