

## APPENDIX 'A'

#20113

Chair and Members  
Civic Works CommitteeAugust 11, 2020  
(Award Contract and Consultant Contract Increase)

**RE: Mud Creek Remediation - Phase 1a Tunnel**  
**(Subledger SWM20003)**  
**Capital Project ES2681 - Mud Creek East Branch Stormwater Servicing and Improvements**  
**Capital Project ES2681-2 - Mud Creek East Branch Phase 2 (CN to Oxford)**  
**Ward and Burke Microtunnelling - \$7,488,280.00 (excluding H.S.T.)**  
**CH2M Hill Canada Limited - \$2,050,998.00 (excluding H.S.T.)**  
**Canadian National Railway - \$281,632.00 (excluding H.S.T.) Flagging**

**FINANCE & CORPORATE SERVICES REPORT ON THE SOURCES OF FINANCING:**

Finance & Corporate Services confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director, Environmental & Engineering Services & City Engineer, the detailed source of financing for this project is:

<b>SUMMARY OF ESTIMATED EXPENDITURES</b>	<b>Approved Budget</b>	<b>Committed to Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b>ES2681 - Mud Creek East Br. Stormwater Servicing &amp; Improvements</b>				
Engineering	\$2,897,274	\$1,960,572	\$936,702	\$0
Land Purchase	283,800	104,409		179,391
Construction	6,071,997	207,856	5,864,141	0
City Related Expenses	6,729	6,729		0
	<u>9,259,800</u>	<u>2,279,566</u>	<u>6,800,843</u>	<u>179,391</u>
<b>ES2681-2 - Mud Creek East Br. Ph.2 (CN to Oxford)</b>				
Engineering	300,000			300,000
Construction	6,869,600		2,042,521	4,827,079
	<u>7,169,600</u>	<u>0</u>	<u>2,042,521</u>	<u>5,127,079</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$16,429,400</u></b>	<b><u>\$2,279,566</u></b>	<b><u>\$8,843,364</u></b> 1)	<b><u>\$5,306,470</u></b>

**SUMMARY OF FINANCING:**

<b>ES2681 - Mud Creek East Br. Stormwater Servicing &amp; Improvements</b>				
Debenture By-law No. W.5558-198	\$185,900		\$179,021	\$6,879
Debenture By-law No. W.5558-198 (Serviced through City Services - Stormwater R.F. (Development Charges)	2) 5,730,521		5,558,009	172,512
Drawdown from Sewage Works R.F.	169,167	87,410	81,757	0
Drawdown from City Services - Stormwater R.F. (Development Charges)	2) 3,174,212	2,192,156	982,056	0
	<u>9,259,800</u>	<u>2,279,566</u>	<u>6,800,843</u>	<u>179,391</u>
<b>ES2681-2 - Mud Creek East Br. Ph.2 (CN to Oxford)</b>				
Drawdown from Sewage Works Reserve Fund	4,524,017		1,288,831	3,235,186
Drawdown from City Services - Stormwater R.F. (Development Charges)	2) 2,645,583		753,690	1,891,893
	<u>7,169,600</u>	<u>0</u>	<u>2,042,521</u>	<u>5,127,079</u>
<b>TOTAL FINANCING</b>	<b><u>\$16,429,400</u></b>	<b><u>\$2,279,566</u></b>	<b><u>\$8,843,364</u></b>	<b><u>\$5,306,470</u></b>

1) **Financial Note: (CONSTRUCTION)**

	<b>ES2681-2 Ward &amp; Burke Microtunnelling</b>	<b>ES2681 Ward &amp; Burke Microtunnelling</b>	<b>ES2681 Flagging CN Railway</b>	<b>TOTAL CONSTRUCTION</b>
Contract Price				
Less: Amount previously approved				
Contract Price	\$2,007,195	\$5,481,085	\$281,632	\$7,769,912
Add: HST @13%	260,935	712,541	36,612	1,010,088
Total Contract Price Including Taxes	<u>2,268,130</u>	<u>6,193,626</u>	<u>318,244</u>	<u>8,780,000</u>
Less: HST Rebate	225,609	616,074	31,655	873,338
Net Contract Price	<u>\$2,042,521</u>	<u>\$5,577,552</u>	<u>\$286,589</u>	<u>\$7,906,662</u>

**Financial Note: (ENGINEERING)**

	<b>ES2681 CH2M Hill TOTAL ENGINEERING</b>
Contract Price	\$2,050,998
Less: Amount previously approved	1,130,497
Contract Price	920,501
Add: HST @13%	119,665
Total Contract Price Including Taxes	<u>1,040,166</u>
Less: HST Rebate	103,464
Net Contract Price	<u>\$936,702</u>
<b>TOTAL CONSTRUCTION &amp; ENGINEERING</b>	<b><u>\$8,843,364</u></b>

2) Development Charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2019.

JG

Jason Davies  
Manager of Financial Planning & Policy