

APPENDIX 'A'

#17133

Chair and Members
Civic Works Committee

July 17, 2017
(Appoint Consulting Engineers)

RE: Infrastructure Renewal Program 2017 - 2019

- Capital Project ES2334 - Sewer Relining Program (CWWF)
- Capital Project ES242817 - Erosion Remediation Open Watercourses Management & Reclamation
- Capital Project ES246416 - Combined Sewer Separation Replacement
- Capital Project ES246417 - Combined Sewer Separation
- Capital Project EW3535 - Infrastructure Renewal Program Acceleration (CWWF)
- Capital Project EW376517 - Main Replacement Engineering
- Capital Project TS144616 - Road Networks Improvements (Main)
- Capital Project TS406717 - Traffic Signals - Mtce
- Capital Project TS512317 - Street Light Maintenance
- AECOM Canada Ltd. - \$234,410 (excluding H.S.T.) - Contract 19, Elworthy and Franklin Ave. (Subledger WS17C019)
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- Archibald, Gray and McKay Engineering Ltd. - \$334,401 (excluding H.S.T.)-Contract A, Egerton St. Recon. Ph. 2(Subledger WS18C00A)

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:

SUMMARY OF ESTIMATED EXPENDITURES	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<u>ES2334-Sewer Relining Program (CWWF)</u>					
Engineering	\$54,950	\$524,351		\$524,351	\$0
Construction	934,150	464,749			464,749
City Related Expenses	109,900	109,900			109,900
	<u>1,099,000</u>	<u>1,099,000</u>	<u>0</u>	<u>524,351</u>	<u>574,649</u>
<u>ES242817- Erosion Remediation in Open Watercourses Mgmt & Reclamation</u>					
Engineering	70,000	70,000		65,450	4,550
Construction	250,000	250,000			250,000
	<u>320,000</u>	<u>320,000</u>	<u>0</u>	<u>65,450</u>	<u>254,550</u>
<u>ES246416-Combined Sewer Separation Repl.</u>					
Engineering	2,501,285	2,501,285	1,580,900	638,089	282,296
Construction	5,468,199	5,468,199	4,779,199		689,000
Construction (PDC Portion)	92,000	92,000	92,000		0
Construction (London Hydro)	330,122	330,122	330,122		0
City Related Expenses	76,390	76,390	64,391		11,999
	<u>8,467,996</u>	<u>8,467,996</u>	<u>6,846,612</u>	<u>638,089</u>	<u>983,295</u>
<u>ES246417-Combined Sewer Separation</u>					
Engineering	339,466	829,012	434,190	394,822	0
Construction	6,010,534	5,520,703	5,520,703		0
Construction (PDC Portion)	104,000	104,000	104,000		0
City Related Expenses		285	285		0
	<u>6,454,000</u>	<u>6,454,000</u>	<u>6,059,178</u>	<u>394,822</u>	<u>0</u>
<u>EW3535-Infrast. Renewal Prog. Acceleration (CWWF)</u>					
Engineering	507,000	509,000		509,000	0
City Related Expenses	2,000				0
	<u>509,000</u>	<u>509,000</u>	<u>0</u>	<u>509,000</u>	<u>0</u>
<u>EW376517-Main Replacement Engineering</u>					
Engineering	257,536	1,019,883	257,536	762,347	0
Construction	9,053,000	8,290,653	7,636,298		654,355
City Related Expenses	4,464	4,464	4,464		0
	<u>9,315,000</u>	<u>9,315,000</u>	<u>7,898,298</u>	<u>762,347</u>	<u>654,355</u>
<u>TS144616-Road Networks Improvements (Main)</u>					
Engineering	1,484,232	1,623,829	1,484,232	139,597	0
Construction	13,901,305	13,761,708	13,046,715		714,993
City Related Expenses	39,472	39,472	33,064		6,408
	<u>15,425,009</u>	<u>15,425,009</u>	<u>14,564,011</u>	<u>139,597</u>	<u>721,401</u>
<u>TS406717-Traffic Signals - Mtce</u>					
Engineering	346,881	346,881	346,881		0
Construction	3,083,610	3,083,610	1,162,381	61,690	1,859,539
Traffic Signals	28,509	28,509	28,509		0
	<u>3,459,000</u>	<u>3,459,000</u>	<u>1,537,771</u>	<u>61,690</u>	<u>1,859,539</u>
<u>TS512317-Street Light Mtce</u>					
Engineering	103,338	153,755	103,338	50,417	0
Construction	1,993,412	1,942,995	669,545		1,273,450
	<u>2,096,750</u>	<u>2,096,750</u>	<u>772,883</u>	<u>50,417</u>	<u>1,273,450</u>
NET ESTIMATED EXPENDITURES	<u>\$47,145,755</u>	<u>\$47,145,755</u>	<u>\$37,678,753</u>	<u>\$3,145,763</u>	<u>\$6,321,239</u>

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SUMMARY OF FINANCING:	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<u>ES2334-Sewer Relining Program (CWWF)</u>					
Drawdown from Sewage Works Reserve Fund	\$274,750	\$274,750		\$131,088	\$143,662
Clean Water & Wastewater Fund	824,250	824,250		393,263	430,987
	<u>1,099,000</u>	<u>1,099,000</u>	0	<u>524,351</u>	<u>574,649</u>
<u>ES242817- Erosion Remediation in Open Watercourses Mgmt & Reclamation</u>					
Capital Sewer Rates	320,000	320,000		65,450	254,550
<u>ES246416-Combined Sewer Separation Repl.</u>					
Drawdown from Sewage Works Reserve Fund	7,059,106	7,059,106	6,424,490	634,616	0
Federal Gas Tax	986,768	986,768		3,473	983,295
Cash Recovery from Property Owners (PDC Portion)	92,000	92,000	92,000		0
Other Contributions (London Hydro)	330,122	330,122	330,122		0
	<u>8,467,996</u>	<u>8,467,996</u>	<u>6,846,612</u>	<u>638,089</u>	<u>983,295</u>
<u>ES246417-Combined Sewer Separation</u>					
Drawdown from Sewage Works Reserve Fund	6,350,000	6,350,000	5,955,178	394,822	0
Cash Recovery from Property Owners (PDC Portion)	104,000	104,000	104,000		0
	<u>6,454,000</u>	<u>6,454,000</u>	<u>6,059,178</u>	<u>394,822</u>	<u>0</u>
<u>EW3535-Infrast. Renewal Prog. Acceleration (CWWF)</u>					
Drawdown from Capital Water Reserve Fund	127,250	127,250		127,250	0
Clean Water & Wastewater Fund	381,750	381,750		381,750	0
	<u>509,000</u>	<u>509,000</u>	0	<u>509,000</u>	<u>0</u>
<u>EW376517-Main Replacement Engineering</u>					
Capital Water Rates	6,571,100	6,571,100	6,571,100		0
Drawdown from Capital Water Reserve Fund	2,743,900	2,743,900	1,327,198	762,347	654,355
	<u>9,315,000</u>	<u>9,315,000</u>	<u>7,898,298</u>	<u>762,347</u>	<u>654,355</u>
<u>TS144616-Road Networks Improvements (Main)</u>					
Capital Levy	96,399	96,399	96,399		0
Debenture By-law No. W.-5601-77	7,596,897	7,596,897	6,735,899	139,597	721,401
Federal Gas Tax	7,719,176	7,719,176	7,719,176		0
Other Contributions	12,537	12,537	12,537		0
	<u>15,425,009</u>	<u>15,425,009</u>	<u>14,564,011</u>	<u>139,597</u>	<u>721,401</u>
<u>TS406717-Traffic Signals - Mtce</u>					
Capital Levy	3,349,000	3,349,000	1,537,771	61,690	1,749,539
Drawdown from Capital Infrastructure Gap	110,000	110,000			110,000
	<u>3,459,000</u>	<u>3,459,000</u>	<u>1,537,771</u>	<u>61,690</u>	<u>1,859,539</u>
<u>TS512317-Street Light Mtce</u>					
Capital Levy	2,036,500	2,036,500	772,883	50,417	1,213,200
Drawdown from Capital Infrastructure Gap	60,250	60,250			60,250
	<u>2,096,750</u>	<u>2,096,750</u>	<u>772,883</u>	<u>50,417</u>	<u>1,273,450</u>
TOTAL FINANCING	<u>\$47,145,755</u>	<u>\$47,145,755</u>	<u>\$37,678,753</u>	<u>\$3,145,763</u>	<u>\$6,321,239</u>

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1) FINANCIAL NOTE: (EXCLUDING H.S.T.)	<u>ES2334</u>	<u>ES242817</u>	<u>ES246416</u>	<u>ES246417</u>	<u>EW3535</u>
Listed by Engineer and Contract					
AECOM-Contract 19, Elworthy & Franklin			\$234,410		
Ricor Eng.-Contract 20, Grosvenor St.			209,000		
AGM Eng. -Contract 16, Green Valley Rd.					
Stantec Consulting Ltd.-Contract 1, Wistow	99,801	28,536			99,801
Spriet Assoc.-Contract 2, Highway & Lambeth Ave	128,810				128,810
AECOM-Contract 3, Waterloo St.	83,635	24,442			83,635
R.V. Anderson-Contract 4, Talbot St. N.	91,105				91,105
GM Blueplan Eng.-Contract 5, Chippendale Cres.	111,931				96,846
Development Eng.-Contract 6, West Mile Rd., North Mile Rd., Green Lane & East Mile Rd.		11,340	183,643	16,656	
IBI Group-Contract 7, Talbot St. S.				58,951	
Dillon Consulting-Assignment 8, Dundas St/ Clarke Rd / Wavell St / Pottersburg Creek Area				168,696	
AGM Eng.-Contract A, Egerton St. Recon. Ph 2				143,690	
TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)	<u>\$515,282</u>	<u>\$64,318</u>	<u>\$627,053</u>	<u>\$387,993</u>	<u>500,197</u>

FINANCIAL NOTE (continued)

Listed by Engineer and Contract	<u>EW376517</u>	<u>TS144616</u>	<u>TS406717</u>	<u>TS512317</u>
AECOM-Contract 19, Elworthy & Franklin				
Ricor Eng.-Contract 20, Grosvenor St.				
AGM Eng. -Contract 16, Green Valley Rd.		157,280		
Stantec Consulting Ltd.-Contract 1, Wistow				
Spriet Assoc.-Contract 2, Highway & Lambeth Ave				
AECOM-Contract 3, Waterloo St.				
R.V. Anderson-Contract 4, Talbot St. N.				
GM Blueplan Eng.-Contract 5, Chippendale Cres.		15,085		
Development Eng.-Contract 6, West Mile Rd., North Mile Rd., Green Lane & East Mile Rd.		200,300		
IBI Group-Contract 7, Talbot St. S.	176,575	112,315	44,007	44,007
Dillon Consulting-Assignment 8, Dundas St/ Clarke Rd / Wavell St / Pottersburg Creek Area	56,232			
AGM Eng.-Contract A, Egerton St. Recon. Ph 2	143,690	24,867	16,616	5,538
TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)	<u>749,162</u>	<u>137,182</u>	<u>60,623</u>	<u>\$49,545</u>

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FINANCIAL NOTE (continued)	TOTAL PER CONTRACT	
Listed by Engineer and Contract	Excluding HST	Incl. HST
AECOM-Contract 19, Elworthy & Franklin	\$234,410	\$238,536
Ricor Eng.-Contract 20, Grosvenor St.	209,000	212,678
AGM Eng. -Contract 16, Green Valley Rd.	157,280	160,048
Stantec Consulting Ltd.-Contract 1, Wistow	228,138	232,153
Spriet Assoc.-Contract 2, Highway & Lambeth Ave	257,620	262,155
AECOM-Contract 3, Waterloo St.	191,712	195,086
R.V. Anderson-Contract 4, Talbot St. N.	182,210	185,417
GM Blueplan Eng.-Contract 5, Chippendale Cres.	223,862	227,802
Development Eng.-Contract 6, West Mile Rd., North Mile Rd., Green Lane & East Mile Rd.	411,939	419,189
IBI Group-Contract 7, Talbot St. S.	435,855	443,526
Dillon Consulting-Assignment 8, Dundas St/ Clarke Rd / Wavell St / Pottersburg Creek Area	224,928	228,887
AGM Eng.-Contract A, Egerton St. Recon. Ph 2	334,401	340,286
TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)	\$3,091,355	\$3,145,763

2) Financial Note: (Charges per Capital Project)	ES2334	ES242817	ES246416	ES246417	EW3535
Contract Price	\$515,282	\$64,318	\$627,053	\$387,993	\$500,197
Add: HST @13%	66,987	8,361	81,517	50,439	65,026
Total Contract Price Including Taxes	582,269	72,679	708,570	438,432	565,223
Less: HST Rebate	57,918	7,229	70,481	43,610	56,223
Net Contract Price	<u>\$524,351</u>	<u>\$65,450</u>	<u>\$638,089</u>	<u>\$394,822</u>	<u>\$509,000</u>

Financial Note:(Charges per Capital Project) continued	EW376517	TS144616	TS406717	TS512317	TOTAL
Contract Price	\$749,162	\$137,182	\$60,623	\$49,545	\$3,091,355
Add: HST @13%	97,391	17,834	7,881	6,441	401,877
Total Contract Price Including Taxes	846,553	155,016	68,504	55,986	3,493,232
Less: HST Rebate	84,206	15,419	6,814	5,569	347,469
Net Contract Price	<u>\$762,347</u>	<u>\$139,597</u>	<u>\$61,690</u>	<u>\$50,417</u>	<u>\$3,145,763</u>

JG/ms

Jason Senese
Manager of Financial Planning & Policy