Chair and Members Civic Works Committee

March 18, 2019 (Award Contract)

RE: 2019 Infrastructure Renewal Program - RFT 19-03

Avalon Street Reconstruction Phase 2 Project

(Subledger WS19C007)

Capital Project ES241418 - Sewer Infrastructure Lifecycle Renewal
Capital Project ES242819 - Erosion Remediation Open Watercourses Management and Reclamation

Capital Project EW3547 - Trunk Watermain Cathodic Protection Upgrades

Capital Project EW378718 - Main Replacement with Major Roadworks

Capital Project TS301419 - Road Network Improvements

Bre-Ex Construction Inc. - \$3,498,808.52 (excluding H.S.T.)

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
ES241418-Sewer Infrastructure Lifecycle Renewal					
Engineering	\$1,939,666	\$1,939,666	\$1,139,666		\$800,000
Engineering (Utilities)	8,420	8,420	8,420		0
Land Purchase	44,767	44,767	44,767		0
Construction	12,484,427	12,484,427	10,883,957	1,521,795	78,675
Construction (PDC Portion) 2)	176,000	192,000	176,000	16,000	0
Construction (Bell Contributions)	1,023,538	1,023,538	1,023,538	-,	0
City Related Expenses	114,848	114,848	109,915		4,933
	15,791,666	15,807,666	13,386,263	1,537,795	883,608
ES242819-Erosion Remediation Open Watercourses	,,	, ,	, ,	1,221,122	,
Management and Reclamation					
Engineering	70,000	70,000			70,000
Construction	250,000	250,000		105,532	144,468
o o not do do n	320,000	320,000	0	105,532	214,468
EW3547-Trunk Watermain Cathodic Protection	020,000	020,000	· ·	100,002	211,100
Upgrades					
Construction	293,000	293,000		193,736	99,264
City Related Expenses	2,000	2,000		100,700	2,000
Oity Nelated Expenses	295,000	295,000	0	193,736	101,264
EW378718-Main Repl with Major Roadworks	293,000	293,000	U	193,730	101,204
Engineering	432,144	432,144	432,144		0
Construction	3,817,856	3,817,856	2,326,890	745,152	745,814
Construction (London Hydro)				743,132	
, ,	136,396	136,396	136,396		0
Construction (Rygar Apt. Development)	21,300	21,300	21,300	745 450	745.044
TC204.440 Dood Native als Improvements	4,407,696	4,407,696	2,916,730	745,152	745,814
TS301419-Road Network Improvements	400.000	400.000			400.000
Engineering	100,000	100,000	00.454	070.470	100,000
Construction	9,560,531	9,560,531	20,454	978,173	8,561,904
	9,660,531	9,660,531	20,454	978,173	8,661,904
NET ESTIMATED EXPENDITURES	\$30,474,893	\$30,490,893	\$16,323,447	\$3,560,388 1)	\$10,607,058
NET ESTIMATED EXPENDITURES	\$30,474,893	\$30,490,893	\$16,323,447	\$3,560,388 1)	\$10,607,058
NET ESTIMATED EXPENDITURES SUMMARY OF FINANCING:	\$30,474,893	\$30,490,893	\$16,323,447	\$3,560,388 1)	\$10,607,058
	\$30,474,893	\$30,490,893	\$16,323,447	\$3,560,388 1)	\$10,607,058
SUMMARY OF FINANCING:	\$30,474,893 \$7,093,000	\$30,490,893 \$7,093,000	\$16,323,447 \$7,093,000	\$3,560,388 1)	\$10,607,058 \$0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates			-		\$0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal	\$7,093,000 2,990,708	\$7,093,000 2,990,708	\$7,093,000 585,305	\$3,560,388 1) 1,521,795	<u> </u>
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax	\$7,093,000 2,990,708 4,500,000	\$7,093,000 2,990,708 4,500,000	\$7,093,000 585,305 4,500,000	1,521,795	\$0 883,608
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2)	\$7,093,000 2,990,708 4,500,000 176,000	\$7,093,000 2,990,708 4,500,000 192,000	\$7,093,000 585,305 4,500,000 176,000		\$0 883,608 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000	\$0 883,608 0 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities)	\$7,093,000 2,990,708 4,500,000 176,000	\$7,093,000 2,990,708 4,500,000 192,000	\$7,093,000 585,305 4,500,000 176,000	1,521,795	\$0 883,608 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000	\$0 883,608 0 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795	\$0 883,608 0 0 0 883,608
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000	\$0 883,608 0 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F.	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795	\$0 883,608 0 0 0 883,608
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795	\$0 883,608 0 0 0 883,608
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795 105,532	\$0 883,608 0 0 0 883,608
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795 105,532	\$0 883,608 0 0 0 883,608 214,468
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263	1,521,795 16,000 1,537,795 105,532 48,434 145,302	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958	1,521,795 16,000 1,537,795 105,532	\$0 883,608 0 0 0 883,608 214,468
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro)	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396 21,300	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396 21,300	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development)	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development)	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396 21,300 4,407,696	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396 21,300 4,407,696	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300 2,916,730	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development) TS301419-Road Network Improvements Capital Levy	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 136,396 21,300 4,407,696	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,140,000 136,396 21,300 4,407,696	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0 0
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development)	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,140,000 136,396 21,300 4,407,696 9,057,861 602,670	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,140,000 136,396 21,300 4,407,696 9,057,861 602,670	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300 2,916,730 20,454	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186 745,152 978,173	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0 0 745,814 8,059,234 602,670
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development) TS301419-Road Network Improvements Capital Levy Drawdown from Capital Infrastructure Gap R.F.	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,36,396 21,300 4,407,696 9,057,861 602,670 9,660,531	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,36,396 21,300 4,407,696 9,057,861 602,670 9,660,531	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300 2,916,730 20,454 20,454	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186 745,152 978,173 978,173	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0 0 745,814 8,059,234 602,670 8,661,904
SUMMARY OF FINANCING: ES241418-Sewer Infrastructure Lifecycle Renewal Capital Sewer Rates Drawdown from Sewage Works R.F. Federal Gas Tax Cash Recovery from Property Owners (PDC Portion) 2) Other Contributions (Utilities) ES242819-Erosion Remediation Open Watercourses Management and Reclamation Drawdown from Sewage Works R.F. EW3547-Trunk Watermain Cathodic Protection Upgrades Drawdown from Capital Water Reserve Fund Clean Water & Wastewater Fund EW378718-Main Repl with Major Roadworks Capital Water Rates Drawdown from Capital Water Reserve Fund Other Contributions (London Hydro) Other Contributions (Rygar Apt. Development) TS301419-Road Network Improvements Capital Levy	\$7,093,000 2,990,708 4,500,000 176,000 1,031,958 15,791,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,140,000 136,396 21,300 4,407,696 9,057,861 602,670	\$7,093,000 2,990,708 4,500,000 192,000 1,031,958 15,807,666 320,000 73,750 221,250 295,000 3,110,000 1,140,000 1,140,000 136,396 21,300 4,407,696 9,057,861 602,670	\$7,093,000 585,305 4,500,000 176,000 1,031,958 13,386,263 0 2,759,034 136,396 21,300 2,916,730 20,454	1,521,795 16,000 1,537,795 105,532 48,434 145,302 193,736 350,966 394,186 745,152 978,173	\$0 883,608 0 0 0 883,608 214,468 25,316 75,948 101,264 0 745,814 0 0 745,814 8,059,234 602,670

#19025

Chair and Members March 18, 2019 Civic Works Committee (Award Contract)

RE: 2019 Infrastructure Renewal Program - RFT 19-03 **Avalon Street Reconstruction Phase 2 Project**

(Subledger WS19C007)

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Capital Project EW3547 - Trunk Watermain Cathodic Protection Upgrades Capital Project EW378718 - Main Replacement with Major Roadworks

Capital Project TS301419 - Road Network Improvements Bre-Ex Construction Inc. - \$3,498,808.52 (excluding H.S.T.)

1) Financial Note:	ES241418	ES242819	EW3547	EW378718	TS301419
Contract Price	\$1,511,198	\$103,707	\$190,385	\$732,264	\$961,255
Add: HST @13%	196,456	13,482	24,750	95,194	124,963
Total Contract Price Including Taxes	1,707,654	117,189	215,135	827,458	1,086,218
Less: HST Rebate	169,859	11,657	21,399	82,306	108,045
Net Contract Price	\$1,537,795	\$105,532	\$193,736	\$745,152	\$978,173

Financial Notecontinued	TOTAL
Contract Price	\$3,498,809
Add: HST @13%	454,845
Total Contract Price Including Taxes	3,953,654
Less: HST Rebate	393,266
Net Contract Price	\$3,560,388

- 2) The expenditures have increased to accommodate the PDC (Private Drain Connections) funding towards this project.
- 3) Additional annual sewer operating costs of \$200.00 are identified for additional maintenance holes and catch basins. There are no additional operating costs associated with water operations.

JG Jason Davies Manager of Financial Planning & Policy