Chair and Members February 26, 2016 Civic Works Committee (Award Contract)

RE: Fanshawe Park Road Improvements - Adelaide Street North to McLean Drive (Subledger RD140011)

Capital Project TS1475-2 - Fanshawe Road East Widening-Phase 2, Adelaide to Highbury

Capital Project EW3702 - Fanshawe Park Road Watermain Replacement

Capital Project ES3083 - Infill & Intensification Corridors Sanitary Sewer Servicing Capital Project ES4424 - Fanshawe Park Road Sewer Replacement

Capital Project PD2043-12 - 2012 New Major Open Space L82 Construction Ltd. - \$12,584,809.81 (excluding H.S.T.)

AECOM Canada Ltd. - \$828,250.50 (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 and City Engineer, the detailed source of financing for this project is:

Land Acquisition	ESTIMATED EXPENDITURES	Approved Budget	Proposed 2016 Budget	Revised 4) Budget	Committed to Date	This Submission	Balance for Future Work
Land Acquilation						<u> </u>	
Construction Cons	Engineering	\$873,163	\$549,337	\$1,422,500	\$667,518	\$645,253	\$109,729
Relocate Utilities	Land Acquisition	428,067		428,067	378,067		50,000
1900 1500 24,24 12,24 12,24 13,38,285 15,460,000 265,227 11,583,221 12,24 12,24 12,24 13,38,285 15,460,000 265,227 11,583,221 12,25	Construction	2,118,935	10,640,498	12,759,433	532,618	10,937,968	1,288,847
March Marc	Relocate Utilities	700,000		700,000	452,560		247,440
Hard State	City Related Expenses		150,000	150,000	24,524		125,476
Personal P	•	4,120,165	11,339,835	15,460,000		11,583,221	1,821,492
Section	EW3702-Fanshawe Pk Rd Watermain Repl						
Section	Engineering	184,000	100,000	284,000		154,749	129,251
1,658,000			1.558.000			1.383.651	
Sabas 15,000		184 000			0		
Engineering	FS3083-Infill & Intensification Corridors	101,000	1,000,000	1,012,000	Ŭ	1,000,100	000,000
Construction		36 712		36 712	15 963	20 749	0
September Sept			150 443			,	~
Self-age-age-age-age-age-age-age-age-age-age	Construction						
Engineering	ES4424 Fanchawa Bk Bd Sawar Banl	300,000	100,440	000,440	140,400	200,275	307,073
Construction PDC Portion 0 327,924 327,924 327,924 171,400 156,522 PD2043-12 - 2012 New Major Open Spaces 60,000 355,000 376,000 0 219,476 156,522 PD2043-12 - 2012 New Major Open Spaces 60,000 60,000 60,000 20 219,000 101,760 248,232 Construction 650,000 0 650,000 271,515 101,760 243,232 NET ESTIMATED EXPENDITURES 55,224,105 \$13,507,278 \$18,957,445 \$247,500 \$10,1760 243,232 SOURCE OF FINANCING: 314,000 660,435 \$1,240 \$1,914 \$10,789 \$2,833 Sti475-2-Rahase PE RM Wideling 1514,522-Franks PLR Wideling 113,100 \$11,400 \$1,914 \$10,789 \$1,800 Services-Road RF I, Queviopment Charges) 20 \$43,065 680,435 \$1,223,500 \$126,555 \$16,693 \$14,415 Drawdown from Cry Services-Roads 3) 3,449,600 344,960 \$43,960 \$43,960 \$43,960 \$43,960 \$43,960 \$		0	22.076	22.076		22.076	0
Construction-PDC Portion Construction-PDC Portion Construction Constructi						,	
Po2043-12 - 2012 New Major Open Spaces Engineering		U	327,924				
P02043-12 - 2012 New Major Open Spaces Forgingering	Construction-PDC Portion						0
Engineering		0	350,000	376,000	0	219,476	156,524
Net September September							4,490
SOURCE OF FINANCING:	Construction						239,231
SOURCE OF FINANCING: T31475-Franshawe Pk Rd Widening S14,400 S1,914 S10,789 S1,607 S14,52-Franshawe Pk Rd Widening S14,400 S1,914 S10,789 S1,607 S1,914 S1,914			0	620,000	274,519	101,760	243,721
SOURCE OF FINANCING: T31475-Franshawe Pk Rd Widening S14,400 S1,914 S10,789 S1,607 S14,52-Franshawe Pk Rd Widening S14,400 S1,914 S10,789 S1,607 S1,914 S1,914	NET ESTIMATED EXPENDITURES	\$5,424,165	\$13,507,278	\$18,957,443	\$2,475,301	\$13,649,130 1)	\$2,833,012
Debenture By-Law No. W-5565-329 2 543,065 680,435 1,223,500 162,655 916,693 144,155 Debenture Guordi (Serviced through City Services-Roads R.F.) (Development Charges) 10,659,400 10,659,400 1,417,084 7,986,429 1,255,887 31,255,887 31,320 33,449,600 458,698 2,594,572 406,437 40							
Debenture Quota (Serviced through City Services Angales F.) [Development Charges 1,255,88 1,340 1,417,084 7,988,429 1,255,88 1,240 1,417,084 1,4	Capital Levy	\$14,400		\$14,400	\$1,914	\$10,789	\$1,697
Debenture Quota (Serviced through City Services-Roads R.F.) (Development Charges)	Debenture By-Law No. W5565-329) 543,065	680,435	1,223,500	162,655	916,693	144,152
Services-Roads R.F. Development Charges Drawdown from Industrial Oversizing R.F. 113,100 3,449,600 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598 2,584,572 406,431 458,598		,	10.659.400			7.986.429	
Drawdown from Industrial Oversizing R.F. 113,100 3,449,600 3,449,600 458,598 2,584,572 406,43 438,590 458,598 2,584,572 406,43 438,590 458,598 2,584,572 406,43 438,590 438,598 438,592 406,43 438,598 438,592 406,43 438,598 438,592 406,43 438,598 438,592 406,43 438,598 438,592			, ,	, ,	.,,	.,,	.,,
Paradown from City Services-Roads 3, 3449,600 458,598 2,584,572 406,43° Reserve Fund (Development Charges) 4,120,165 11,339,835 15,460,000 2,055,287 11,583,221 1,821,492 1,		113 100		113 100	15.036	84 739	13 325
Reserve Fund (Development Charges)							
EW3702-Fanshawe Pk Rd Watermain Repl Drawdown from Capital Water R.F. 184,000 1,634,279 1,818,279 1,514,679 303,600 2,600 1,534,600 303,) 3,443,000		3,443,000	430,330	2,304,372	400,431
Part	Reserve i unu (Development Charges)						
Drawdown from Capital Water R.F. 0 23,721		4,120,165	11,339,835	15,460,000	2,055,287	11,583,221	1,821,492
Federal Gas Tax							
ES3083-Infill & Intensification Corridors Torawdown from Sewage Works R.F. 61,400 15,943 77,343 17,064 24,193 36,080 143,500 582,100 128,431 182,080 271,588 2	Drawdown from Capital Water R.F.	0	23,721	23,721		23,721	0
Page	Federal Gas Tax	184,000	1,634,279	1,818,279		1,514,679	303,600
Drawdown from Sewage Works R.F. 61,400 15,943 77,343 17,064 24,193 36,081 24,000 271,582 271,583 271,583 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193 271,584 28,193		184,000	1,658,000	1,842,000	0	1,538,400	303,600
Drawdown from City Services-Sewer 3 438,600 143,500 582,100 0 128,431 182,080 271,586 168,697 148,495 145,495 206,273 307,677 158,424 158,424 145,495	ES3083-Infill & Intensification Corridors						
Drawdown from City Services-Sewer 3	Drawdown from Sewage Works R.F.	61,400	15,943	77,343	17,064	24,193	36,086
Reserve Fund (Development Charges) 0 159,443 659,443 145,495 206,273 307,675			,			182,080	
South Sout		•	. 10,000		.20, .0 .	.02,000	0
ES4424-Fanshawe Pk Rd Sewer Repl. Federal Gas Tax	resolve i and (Bevelopment enarges)		150 443		1/5 /05	206 273	
Federal Gas Tax	ES/424-Fanshawa Pk Rd Sawar Rani	000,000	100,440	000,440	140,400	200,270	007,070
Cash Recovery from Property Owners-PDC Portion 0 26,000 26,000 26,000 20 26,000 Contract Price Contract Price Contract Price Contract Price EW3702		0	350,000	350 000	0	103 476	156 524
Debenture By-Law No. W5533-50 262,700 262,700 262,700 116,316 43,117 103,267 107,400 108,200 1		U			U		
Debenture By-Law No. W5533-50 262,700 262,700 116,316 43,117 103,265 262,700 262,700 116,316 43,117 103,265 262,700 26	Cash Recovery from Property Owners-PDC Portion						156 534
Debenture By-Law No. W5533-50 262,700 262,700 357,300 357,300 358,643 140,455 158,203 58,643 140,455 140,455 158,203 1	DD0042 42 0042 Now Mail - 2 - 2 2	0	350,000	376,000	U	219,476	156,524
Drawdown from City Services-Parks & Rec Reserve Fund (Development Charges) 3 357,300 357,300 158,203 58,643 140,456 140,456 140,456 150,000 150,000 150,000 150,000 150,000 150,000 150,450 150,000 150,450 150,456 150,000 150,456 150,		**		*** ====			4.5.5.5
Reserve Fund (Development Charges) 620,000 0 620,000 274,519 101,760 243,72 TOTAL FINANCING \$5,424,165 \$13,507,278 \$18,957,443 \$2,475,301 \$13,649,130 \$2,833,012 Financial Note - Construction TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,							103,267
TOTAL FINANCING 620,000 0 620,000 274,519 101,760 243,72 Financial Note - Construction TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0	•) 357,300		357,300	158,203	58,643	140,454
TOTAL FINANCING \$5,424,165 \$13,507,278 \$18,957,443 \$2,475,301 \$13,649,130 \$2,833,012 Financial Note - Construction TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 <td>Reserve Fund (Development Charges)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Reserve Fund (Development Charges)						
Financial Note - Construction TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515		620,000		620,000	274,519	101,760	243,721
Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 <td< td=""><td>TOTAL FINANCING</td><td>\$5,424,165</td><td>\$13,507,278</td><td>\$18,957,443</td><td>\$2,475,301</td><td>\$13,649,130</td><td>\$2,833,012</td></td<>	TOTAL FINANCING	\$5,424,165	\$13,507,278	\$18,957,443	\$2,475,301	\$13,649,130	\$2,833,012
Contract Price \$10,748,789 \$1,359,720 \$182,315 \$193,986 \$100,000 \$12,584,81 Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 <td< td=""><td></td><td>T044T5 0</td><td>=14/0=00</td><td>======</td><td>======</td><td></td><td></td></td<>		T044T5 0	=14/0=00	======	======		
Add: HST @13% 1,397,343 176,764 23,701 25,218 13,000 1,636,02 Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82							
Total Contract Price Including Taxes 12,146,132 1,536,484 206,016 219,204 113,000 14,220,83 Less: HST Rebate 1,208,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82							
Less: HST Rebate Net Contract Price 1,200,164 152,833 20,492 21,804 11,240 1,414,53 Net Contract Price \$10,937,968 \$1,383,651 \$185,524 \$197,400 \$101,760 \$12,806,30 Financial Note - Engineering Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82							1,636,025
Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	· ·	, ,	, ,	,	,	•	14,220,83
Financial Note - Engineering TS1475-2 EW3702 ES3083 ES4424 PD2043-12 Total Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82		1,208,164	152,833	20,492	21,804		1,414,53
Contract Price \$634,093 \$152,073 \$20,390 \$21,695 \$0 \$828,25 Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	Net Contract Price	\$10,937,968	\$1,383,651	\$185,524	\$197,400	\$101,760	\$12,806,302
Add: HST @13% 82,432 19,769 2,651 2,820 0 107,67 Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	Financial Note - Engineering	TS1475-2	EW3702	ES3083	ES4424	PD2043-12	Total
Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	Contract Price	\$634,093	\$152,073	\$20,390	\$21,695	\$0	\$828,25
Total Contract Price Including Taxes 716,525 171,842 23,041 24,515 0 935,92 Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	Add: HST @13%						107,672
Less: HST Rebate 71,272 17,093 2,292 2,439 0 93,09 Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82							935,92
Net Contract Price \$645,253 \$154,749 \$20,749 \$22,076 \$0 \$842,82	· ·			,			
Total Construction and Engineering \$11.583.221 \$1.538.400 \$206.273 \$219.476 \$101.760 \$13.649.13		Ψ043,233	ψ134,149		ΨΖΖ,010	ΨΟ	Ψ042,020
, ,, , , , , ,-	Total Construction and Engineering	\$11,583,221	\$1,538,400	\$206,273	\$219,476	\$101,760	\$13,649,130

NOTE TO CITY CLERK:

- The City Clerk be authorized to increase Debenture By-Law No. W.-5565-329 by \$7,539,700 from \$4,343,200 to \$11,882,900. 2)
- 3) Development charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2014.
- Anticipated additional annual operating costs to budgets in 2017 and subsequent years associated with the additional road infrastructure is \$55,000, new sewer 5)

The budget for this project is included in 2016 and subject to final budget approval on March 10, 2016. The work on this project will not proceed until after budget approval.

infrastructure is \$2,200, and new street light infrastructure is \$5,600.

1)

4)