

APPENDIX 'A'

#17134

July 17, 2017

Chair and Members
Civic Works Committee

(Approve Additional Engineering and Legal Survey)

RE: Shift Rapid Transit

(Subledger NT16RD09)

Capital Project TS1430-1 - RT 1: Wellington Rd. - Bradley Ave to Horton St. South Leg Widening

Capital Project TS1430-3 - RT 3: Highbury Ave - Dundas St to Oxford St. East Leg Widening

Capital Project TS1430-4 - RT 4: Dundas St - Adelaide St to Highbury Ave East Leg Widening

Capital Project TS1430-5 - RT 5: Oxford St - Highbury Ave to Clarke Road East Leg Widening

Capital Project TS1430-6 - RT 6: Oxford St W - Hyde Park Road to Richmond St West Leg Widening

Capital Project TS1430-7 - RT 7: Richmond St - Raymond Ave to York St (Optimization)

Capital Project TS1430-11 - RT 11: Wellington Rd - Horton St to York St (Optimization)

Callon Dietz Incorporated - \$118,910.00 (excluding H.S.T.) - Engineering Survey for EA North & East Corridors

Archibald, Gray and McKay Ltd. - \$89,925.00 (excluding H.S.T.) - Engineering Survey for EA South & West Corridors

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:

	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<u>SUMMARY OF ESTIMATED EXPENDITURES</u>					
<u>TS1430-1 -RT 1: Wellington Rd Bradley Ave to Horton St. S Leg Wdng.</u>					
Engineering	\$7,500,000	\$7,475,000	\$1,153,030	\$52,159	\$6,269,811
Land Acquisition	29,563,000	29,563,000			29,563,000
Construction	25,000,000	25,000,000	445		24,999,555
Relocate Utilities	2,140,000	2,140,000			2,140,000
City Related Expenses		25,000	24,943		57
	<u>64,203,000</u>	<u>64,203,000</u>	<u>1,178,418</u>	<u>52,159</u>	<u>62,972,423</u>
<u>TS1430-3 -RT 3: Highbury Ave-Dundas St to Oxford St E Leg Wdng.</u>					
Engineering	1,596,000	1,596,000	426,652	36,300	1,133,048
Land Acquisition	6,987,000	6,987,000			6,987,000
	<u>8,583,000</u>	<u>8,583,000</u>	<u>426,652</u>	<u>36,300</u>	<u>8,120,048</u>
<u>TS1430-4 -RT4: Dundas St -Adelaide St to Highbury Ave E Leg Wdng.</u>					
Engineering	1,605,000	1,605,000	235,618	36,300	1,333,082
<u>TS1430-5 -RT 5: Oxford St-Highbury Ave to Clarke Road East Leg Widening</u>					
Engineering	1,934,000	1,934,000	203,594	36,300	1,694,106
<u>TS1430-6- RT 6: Oxford St W-Hyde Park Road to Richmond St West Leg Widening</u>					
Engineering	800,000	794,312	519,090	32,942	242,280
City Related Expenses		5,688	5,688		0
	<u>800,000</u>	<u>800,000</u>	<u>524,778</u>	<u>32,942</u>	<u>242,280</u>
<u>TS1430-7 -RT 7: Richmond St-Raymond Ave to York St (Optimization)</u>					
Engineering	1,813,000	1,813,000	553,451	12,100	1,247,449
Construction	11,931,000	11,905,509			11,905,509
Relocate Utilities	798,000	798,000			798,000
City Related Expenses		25,491	25,491		0
	<u>14,542,000</u>	<u>14,542,000</u>	<u>578,942</u>	<u>12,100</u>	<u>13,950,958</u>
<u>TS1430-11 -RT 11: Wellington Rd-Horton St to York St (Optimization)</u>					
Engineering	60,000	60,000	31,746	6,405	21,849
NET ESTIMATED EXPENDITURES	<u>\$91,727,000</u>	<u>\$91,727,000</u>	<u>\$3,179,748</u>	<u>\$212,506</u> 1)	<u>\$88,334,746</u>
<u>SUMMARY OF FINANCING:</u>					
<u>TS1430-1 -RT 1: Wellington Rd Bradley Ave to Horton St. S Leg Wdng.</u>					
Capital Levy	\$1,445,800	\$1,445,800	\$25,241	\$1,117	\$1,419,442
Debenture By-law No. W.-5609-239 (Serviced through City Services R.F.-Roads Component-Development Charges)	2) 19,552,900	19,552,900			19,552,900
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3) 935,600	935,600	367,565	16,269	551,766
Senior Government	4) 42,268,700	42,268,700	785,612	34,773	41,448,315
	<u>64,203,000</u>	<u>64,203,000</u>	<u>1,178,418</u>	<u>52,159</u>	<u>62,972,423</u>
<u>TS1430-3 -RT 3: Highbury Ave-Dundas St to Oxford St E Leg Wdng.</u>					
Capital Levy	209,533	209,533	9,955	847	198,731
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3) 2,784,800	2,784,800	132,262	11,253	2,641,285
Senior Government	4) 5,588,667	5,588,667	284,435	24,200	5,280,032
	<u>8,583,000</u>	<u>8,583,000</u>	<u>426,652</u>	<u>36,300</u>	<u>8,120,048</u>
<u>TS1430-4 -RT4: Dundas St -Adelaide St to Highbury Ave E Leg Wdng.</u>					
Capital Levy	73,500	73,500	7,854	1,210	64,436
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3) 661,500	661,500	70,685	10,890	579,925
Senior Government	4) 870,000	870,000	157,079	24,200	688,721
	<u>1,605,000</u>	<u>1,605,000</u>	<u>235,618</u>	<u>36,300</u>	<u>1,333,082</u>

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Capital Project TS1430-11 - RT 11: Wellington Rd - Horton St to York St (Optimization)

Callon Dietz Incorporated - \$118,910.00 (excluding H.S.T.) - Engineering Survey for EA North & East Corridors

Archibald, Gray and McKay Ltd. - \$89,925.00 (excluding H.S.T.) - Engineering Survey for EA South & West Corridors

TS1430-5 -RT 5: Oxford St-Highbury Ave to

Clarke Road East Leg Widening

Capital Levy		76,067	76,067	6,108	1,089	68,870
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3)	768,600	768,600	61,757	11,011	695,832
Senior Government	4)	1,089,333	1,089,333	135,729	24,200	929,404
		<u>1,934,000</u>	<u>1,934,000</u>	<u>203,594</u>	<u>36,300</u>	<u>1,694,106</u>

TS1430-6- RT 6: Oxford St W-Hyde Park Road to Richmond St West Leg Widening

Capital Levy		56,000	56,000	36,735	2,306	16,959
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3)	744,000	744,000	488,043	30,636	225,321
		<u>800,000</u>	<u>800,000</u>	<u>524,778</u>	<u>32,942</u>	<u>242,280</u>

TS1430-7 -RT 7: Richmond St-Raymond Ave to York St (Optimization)

Capital Levy		1,270,733	1,270,733	50,175	1,048	1,219,510
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3)	3,616,600	3,616,600	142,806	2,985	3,470,809
Senior Government	4)	9,654,667	9,654,667	385,961	8,067	9,260,639
		<u>14,542,000</u>	<u>14,542,000</u>	<u>578,942</u>	<u>12,100</u>	<u>13,950,958</u>

TS1430-11 -RT 11: Wellington Rd-Horton St to York St (Optimization)

Capital Levy		17,200	17,200	8,124	1,639	7,437
Drawdown from City Services - Roads Reserve Fund (Development Charges)	3)	42,800	42,800	23,622	4,766	14,412
		<u>60,000</u>	<u>60,000</u>	<u>31,746</u>	<u>6,405</u>	<u>21,849</u>

TOTAL FINANCING

		<u>\$91,727,000</u>	<u>\$91,727,000</u>	<u>\$3,179,748</u>	<u>\$212,506</u>	<u>\$88,334,746</u>
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1) **FINANCIAL NOTE: (EXCLUDING H.S.T.)**

	TS1430-3	TS1430-4	TS1430-5	TS1430-7	Total Callon Dietz Incorp.
Total Engineering Fees - Callon Dietz Incorporated	\$85,673	\$85,673	\$85,673	\$29,641	\$286,660
Less Amount Previously Approved (August, 2015)	50,000	50,000	50,000	17,750	167,750
	35,673	35,673	35,673	11,891	118,910
Add: HST @13%	4,637	4,637	4,637	1,546	15,457
Total Contract Price Including Taxes	40,310	40,310	40,310	13,437	134,367
Less: HST Rebate	4,010	4,010	4,010	1,337	13,367
Net Contract Price	<u>\$36,300</u>	<u>\$36,300</u>	<u>\$36,300</u>	<u>\$12,100</u>	<u>\$121,000</u>

FINANCIAL NOTE: (EXCLUDING H.S.T.)

	TS1430-1	TS1430-6	TS1430-11	Total Archibald, Gray & McKay
Total Engineering Fees - Archibald, Gray and McKay Ltd	\$161,257	\$102,563	\$16,295	\$280,115
Less Amount Previously Approved (August, 2015)	110,000	70,190	10,000	190,190
	51,257	32,373	6,295	89,925
Add: HST @13%	6,663	4,208	818	11,689
Total Contract Price Including Taxes	57,920	36,581	7,113	101,614
Less: HST Rebate	5,761	3,639	708	10,108
Net Contract Price	<u>\$52,159</u>	<u>\$32,942</u>	<u>\$6,405</u>	<u>\$91,506</u>

Total Engineering Fees and Legal Survey

\$212,506

Note to City Clerk:

- The City Clerk be authorized to increase Debenture By-Law No. W.-5609-239 by \$13,066,900 from \$6,486,000 to \$19,552,900.
- Development charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2014.
- The scope and timing of the Shift Rapid Transit Initiative is subject to securing Senior Government funding.

EH

Jason Senese
Manager of Financial Planning & Policy