

Chair and Members  
Civic Works Committee

March 17, 2017  
(Award Contract)

**RE: 2017 Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project**  
**(Subledger WS17C006)**  
**Capital Project ES241417 - Sewer Replacement Program**  
**Capital Project EW3525 - Cathodic Protection Program**  
**Capital Project EW378716 - Main Replacement with Major Roadworks**  
**Capital Project EW378717 - Main Replacement with Major Roadworks**  
**Capital Project TS116517 - Warranted Sidewalks**  
**Capital Project TS144617 - Road Networks Improvements (Main)**  
**Capital Project TS406716 - Traffic Signals - Maintenance**  
**Capital Project TS512316 - Street Light Maintenance**  
**Bre-Ex Construction Inc. - \$5,849,025.30 (excluding H.S.T.)**  
**R.V. Anderson Associates Limited - \$464,200.00 (excl. 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:

	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<b>SUMMARY OF ESTIMATED EXPENDITURES</b>					
<b>ES241417-Sewer Replacement Program</b>					
Engineering	\$1,004,367	\$1,023,262	\$1,004,367	\$18,895	\$0
Construction	18,727,633	18,708,738	11,799,519	173,007	6,736,212
Construction (PDC Portion) 2)	164,000	212,000	164,000	48,000	0
Construction (Bell Contributions)	686,595	686,595	686,595		0
	<u>20,582,595</u>	<u>20,630,595</u>	<u>13,654,481</u>	<u>239,902</u>	<u>6,736,212</u>
<b>EW3525 - Cathodic Protection Program</b>					
Engineering	1,588,323	1,389,263	202,864	14,171	1,172,228
Construction	1,186,677	1,385,737	1,186,677	199,060	0
	<u>2,775,000</u>	<u>2,775,000</u>	<u>1,389,541</u>	<u>213,231</u>	<u>1,172,228</u>
<b>EW378716-Main Repl with Mjr. Rdwrks</b>					
Engineering	328,744	593,271	328,744	264,527	0
Construction	2,071,256	1,797,023	1,456,588		340,435
City Related Expenses		9,706	9,706		0
	<u>2,400,000</u>	<u>2,400,000</u>	<u>1,795,038</u>	<u>264,527</u>	<u>340,435</u>
<b>EW378717-Main Repl with Mjr. Rdwrks</b>					
Engineering	95,880	95,880	95,880		0
Construction	3,804,120	3,804,120	1,013,469	2,759,655	30,996
	<u>3,900,000</u>	<u>3,900,000</u>	<u>1,109,349</u>	<u>2,759,655</u>	<u>30,996</u>
<b>TS116517-Warranted Sidewalks</b>					
Engineering		42,513		42,513	0
Construction	550,000	507,487		394,716	112,771
	<u>550,000</u>	<u>550,000</u>	<u>0</u>	<u>437,229</u>	<u>112,771</u>
<b>TS144617-Road Networks Improv. (Main)</b>					
Engineering	1,000,000	1,000,000	536,397	118,093	345,510
Construction	12,952,000	12,952,000	6,005,655	2,185,265	4,761,080
Construction - Dancor	125,165	125,165	125,165		0
	<u>14,077,165</u>	<u>14,077,165</u>	<u>6,667,217</u>	<u>2,303,358</u>	<u>5,106,590</u>
<b>TS406716-Traffic Signals-Maintenance</b>					
Engineering	155,072	155,072	155,072		0
Construction	3,513,056	3,363,725	1,103,992	156,128	2,103,605
Traffic Signals	33,872	183,203	183,203		0
	<u>3,702,000</u>	<u>3,702,000</u>	<u>1,442,267</u>	<u>156,128</u>	<u>2,103,605</u>
<b>TS512316-Street Light Maintenance</b>					
Engineering	97,850	116,399	102,228	14,171	0
Construction	2,000,000	1,981,451	550,406	36,138	1,394,907
	<u>2,097,850</u>	<u>2,097,850</u>	<u>652,634</u>	<u>50,309</u>	<u>1,394,907</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$50,084,610</u></b>	<b><u>\$50,132,610</u></b>	<b><u>\$26,710,527</u></b>	<b><u>\$6,424,339</u></b>	<b><u>\$16,997,744</u></b>

**SUMMARY OF FINANCING:**

<b>ES241417-Sewer Replacement Program</b>					
Capital Sewer Rates	\$8,209,000	\$8,209,000	\$8,209,000		\$0
Drawdown from Sewage Works Reserve Fund	7,023,000	7,023,000	4,594,886	191,902	2,236,212
Federal Gas Tax	4,500,000	4,500,000			4,500,000
Cash Recovery from Property Owners (PDC Portion) 2)	164,000	212,000	164,000	48,000	0
Other Contributions (Bell)	686,595	686,595	686,595		0
	<u>20,582,595</u>	<u>20,630,595</u>	<u>13,654,481</u>	<u>239,902</u>	<u>6,736,212</u>
<b>EW3525 - Cathodic Protection Program</b>					
Capital Water Rates	2,550,000	2,550,000	1,389,541	213,231	947,228
Drawdown from Capital Water Reserve Fund	225,000	225,000			225,000
	<u>2,775,000</u>	<u>2,775,000</u>	<u>1,389,541</u>	<u>213,231</u>	<u>1,172,228</u>
<b>EW378716-Main Repl with Mjr. Rdwrks</b>					
Capital Water Rates	2,400,000	2,400,000	1,795,038	264,527	340,435
<b>EW378717-Main Repl with Mjr. Rdwrks</b>					
Capital Water Rates	2,950,000	2,950,000	1,109,349	1,840,651	0
Drawdown from Capital Water Reserve Fund	950,000	950,000		919,004	30,996
	<u>3,900,000</u>	<u>3,900,000</u>	<u>1,109,349</u>	<u>2,759,655</u>	<u>30,996</u>
<b>TS116517-Warranted Sidewalks</b>					
Capital Levy	550,000	550,000		437,229	112,771

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	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<b>SUMMARY OF FINANCING: (continued)</b>					
<b>TS144617-Road Networks Improv. (Main)</b>					
Capital Levy	3,474,832	3,474,832	3,474,832		0
Debenture By-law No. W.-5617-63	2,826,856	2,826,856			2,826,856
Federal Gas Tax	7,650,312	7,650,312	3,067,220	2,303,358	2,279,734
Other Contributions (Dancor)	125,165	125,165	125,165		0
	<u>14,077,165</u>	<u>14,077,165</u>	<u>6,667,217</u>	<u>2,303,358</u>	<u>5,106,590</u>
<b>TS406716-Traffic Signals-Maintenance</b>					
Capital Levy	3,622,000	3,622,000	1,442,267	156,128	2,023,605
Drawdown from Capital Infrastructure Gap R.F.	80,000	80,000			80,000
	<u>3,702,000</u>	<u>3,702,000</u>	<u>1,442,267</u>	<u>156,128</u>	<u>2,103,605</u>
<b>TS512316-Street Light Maintenance</b>					
Capital Levy	2,050,000	2,050,000	652,634	50,309	1,347,057
Drawdown from Capital Infrastructure Gap R.F.	47,850	47,850			47,850
	<u>2,097,850</u>	<u>2,097,850</u>	<u>652,634</u>	<u>50,309</u>	<u>1,394,907</u>
<b>TOTAL FINANCING</b>	<b><u>\$50,084,610</u></b>	<b><u>\$50,132,610</u></b>	<b><u>\$26,710,527</u></b>	<b><u>\$6,424,339</u></b>	<b><u>\$16,997,744</u></b>

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

	ES241417	EW3525	EW378717	TS116517	TS144617
Contract Price	\$217,184	\$195,617	\$2,711,925	\$387,889	\$2,147,470
Add: HST @13%	28,234	25,430	352,550	50,426	279,171
Total Contract Price Including Taxes	245,418	221,047	3,064,475	438,315	2,426,641
Less: HST Rebate	24,411	21,987	304,820	43,599	241,376
Net Contract Price	<u>\$221,007</u>	<u>\$199,060</u>	<u>\$2,759,655</u>	<u>\$394,716</u>	<u>\$2,185,265</u>

**Financial Note (CONSTRUCTION continued)**

	TS406716	TS512316	CONSTRUCTION TOTAL
Contract Price	\$153,427	\$35,513	\$5,849,025
Add: HST @13%	19,946	4,617	760,374
Total Contract Price Including Taxes	173,373	40,130	6,609,399
Less: HST Rebate	17,245	3,992	657,430
Net Contract Price	<u>\$156,128</u>	<u>\$36,138</u>	<u>\$5,951,969</u>

**Financial Note: (ENGINEERING)**

	ES241417	EW3525	EW378716	TS116517	TS144617
Contract Price	\$18,568	\$13,926	\$259,952	\$41,778	\$116,050
Add: HST @13%	2,414	1,810	33,794	5,431	15,087
Total Contract Price Including Taxes	20,982	15,736	293,746	47,209	131,137
Less: HST Rebate	2,087	1,565	29,219	4,696	13,044
Net Contract Price	<u>\$18,895</u>	<u>\$14,171</u>	<u>\$264,527</u>	<u>\$42,513</u>	<u>\$118,093</u>

**Financial Note (ENGINEERING continued)**

	TS512316	ENGINEERING TOTAL
Contract Price	\$13,926	\$464,200
Add: HST @13%	1,810	60,346
Total Contract Price Including Taxes	15,736	524,546
Less: HST Rebate	1,565	52,176
Net Contract Price	<u>\$14,171</u>	<u>\$472,370</u>

**TOTAL CONSTRUCTION & ENGINEERING**

**\$6,424,339**

2) The expenditures have increased to accommodate the PDC (Private Drain Connections) funding.

JG

Jason Senese  
Manager of Financial Planning & Policy