

## For Information Only

### 2017 Capital Projects in Progress and Completed Capital Projects

Presented To: Finance and Administration Committee

Presented: Tuesday, Jun 19, 2018

Report Date: Tuesday, Jun 05, 2018

Type: Correspondence for Information Only

#### Resolution

For Information Only

#### Relationship to the Strategic Plan / Health Impact Assessment

This report refers to operational matters.

#### Report Summary

The purpose of this report is to provide a summary of the capital projects in progress as of December 31, 2017 as well as completed capital projects from October 2017 to March 2018.

#### Financial Implications

This report has no financial implications.

#### Signed By

**Report Prepared By**

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## **Background**

The capital fund balance represents the capital funding approved by previous Councils for capital projects that are unspent at the end of the year. The committed and unspent funding is for capital projects that have not commenced and/or are in progress. The majority of the projects are underway and funding will be spent within the next few years depending on the extent/timing of individual capital projects.

This report includes the following:

1. Capital Projects in Progress as of December 31, 2017. This includes the remaining budget for the respective capital projects which includes all funding sources including: capital envelopes from the tax levy or "capital fund"; future financing from future capital envelopes; City reserve funds; obligatory reserve funds (ie. Federal and Provincial gas taxes); Federal and Provincial grants; and other miscellaneous recoveries/cost sharing/donations.
2. Completed Capital Projects (and cancelled capital projects) from October 2017 to March 2018.

### **1. Capital Projects in Progress as of December 31, 2017**

As shown on Appendix A, the overall balance of funds previously approved for capital projects that are in progress is approximately \$187.7 million which will be spent in the coming years based on the timing and extent of the capital projects. For example, some water and wastewater plant projects and road projects require several years for completion. In addition, this balance also includes committed obligatory reserves funds including Federal and Provincial Gas Taxes as well as other development related deposits.

Appendix A is a summary which shows the breakdown of the unspent capital funds/committed reserve funds previously approved by department/division and Appendix B provides a list of those significant capital projects in progress as of December 31, 2017. There are some projects with an amount in brackets under "Capital Fund" column on Appendix A, as these are repaid from future envelopes as explained below for internally debt financed projects.

### **Committed Capital Fund (= Unspent Capital Envelopes)**

The Committed Capital Fund (unspent capital envelopes) balance as of December 31, 2017 was \$122.6 million which represents funds approved but not yet spent as projects are in progress or to be commenced. There are internal borrowings of \$21.3 million resulting in a capital fund balance of \$101.3 million.

The internally debt financed expenditures of \$21.3 million will be repaid to the Capital Fund with interest (charged at 1% above the average investment rate at the time the internal financing is approved in accordance with the City's Investment Policy) and funded in future years from capital envelopes, development charges and Section 391

charges. This balance consist of the following capital projects approved by Council: Kingsway water and wastewater project, Gerry McCrory - Countryside Sports Complex, South Branch Library, Mausoleum Phase 5 at Civic Cemetery, Communications Infrastructure, Lionel E. Lalonde Centre, Sudbury WWTP Phase 2 project, and Tom Davies Square Parking Garage Roof/Courtyard project. The balance also includes a few projects that obtained future financing that will be repaid in the one to two years without interest as per Capital Budget Policy, such as Kingsway Sidewalk, MR 15 Bridge, and Minnow Lake Treatment Station.

### **Committed Reserve Funds**

As of December 31, 2017, the balance in the committed reserve funds for capital projects is approximately \$56 million with another \$8.9 million included within obligatory reserve funds.

The committed reserve funds are set aside when approved by Council and transferred out of the reserve fund when the costs have been incurred. The funds within obligatory reserve funds are set aside to be spent for specific areas/projects in accordance with various agreements and contracts (ie. Federal Gas Tax).

## **2. Completed Capital Projects from October 2017 to March 2018**

Also included in this report are the completed capital projects in excess of \$200,000 as per the Capital Budget Policy.

The Capital Budget Policy was followed and has given authority to staff to reallocate funds between capital projects or transferred to the respective Capital Financing Reserve Fund.

Appendix C is a summary of all completed capital projects over \$200,000 and cancelled capital projects from the period of October 2017 to March 2018 including explanations for variances greater than \$50,000.

Appendix A - Capital Projects in Progress - Summary  
As at December 31, 2017

	Capital Fund (Non-Interest Bearing)	Future Financing (Spent)	Subtotal Committed Capital - year	City Reserve Funds (Interest Bearing)	Obligatory Reserve Funds	Total Capital Projects in Progress - Year
<b>Growth &amp; Infrastructure</b>						
Roads	32,714,916	2,819,372	35,534,288	17,829,800	2,907,628	56,271,716
Drains & Stormwater Management	6,804,256	521,135	7,325,390	7,820,834	1,103,395	16,249,619
Water	28,702,077	596,075	29,298,153	5,726,253	-	35,024,406
Wastewater	33,372,995	3,727,931	37,100,927	5,043,433	1,112,539	43,256,899
Environmental Services	1,264,962	-	1,264,962	594,020	-	1,858,982
Facility Rationalization	43,329	-	43,329	1,169,482	-	1,212,811
Planning	153,292	-	153,292	129,528	105,091	387,911
	103,055,827	7,664,513	110,720,341	38,313,350	5,228,653	154,262,344
<b>Community Development</b>						
Healthy Communities	53,297	-	53,297	-	-	53,297
Leisure Services	(2,438,535)	4,788,825	2,350,290	1,663,640	49,892	4,063,822
Library & Citizen Services	(2,106,488)	2,759,538	653,050	193,439	-	846,489
Cemetery Services	(2,078)	203,405	201,327	82,174	-	283,501
Transit	(1,755,285)	-	(1,755,285)	171,054	3,637,944	2,053,713
Healthy Community Initiatives	1,064,050	-	1,064,050	-	-	1,064,050
Health & Social Services	962,627	-	962,627	13,642	-	976,269
	(4,222,412)	7,751,768	3,529,356	2,123,949	3,687,836	9,341,141
<b>Community Safety</b>						
Fire Services	1,793,645	-	1,793,645	114,597	-	1,908,242
Emergency Medical Services	336,721	-	336,721	690,604	-	1,027,325
Emergency Management	(1,475,438)	1,547,061	71,623	-	-	71,623
	654,928	1,547,061	2,201,989	805,201	-	3,007,190
<b>Corporate Services</b>						
Facilities	1,855,799	865,451	2,721,249	5,810,055	-	8,531,304
Fleet	26,526	-	26,526	1,300,827	-	1,327,353
Parking	(0)	-	(0)	225,946	-	225,946
Clerks/By-Law/Human Resources	1,047,278	-	1,047,278	-	-	1,047,278
Information Technology	498,735	-	498,735	761,726	-	1,260,461
ERP	1,775,308	-	1,775,308	133,096	-	1,908,404
Economic Development	25,058	-	25,058	2,598,364	-	2,623,422
	5,228,704	865,451	6,094,154	10,830,014	-	16,924,167
<b>Police</b>						
Police Services	73,222	-	73,222	3,841,000	-	3,914,222
Communication Infrastructure	(3,475,193)	3,475,254	61	211,306	-	211,367
	(3,401,971)	3,475,254	73,283	4,052,306	-	4,125,590
<b>TOTAL</b>	<b>101,315,076</b>	<b>21,304,047</b>	<b>122,619,123</b>	<b>56,124,820</b>	<b>8,916,489</b>	<b>187,660,432</b>

**Appendix B - Capital Projects in Progress - Detailed Listing  
As at December 31, 2017**

Note 1 - The totals (for "budget" and for "remaining budget" provided in this Appendix includes all funding sources: capital envelopes from the tax levy; reserve funds; obligatory reserve funds (ie. Federal & Provincial gas taxes); Federal and Provincial Grants and Other (cost sharing, miscellaneous recoveries, donations).

Capital Project	Note 1		Note 1		Project Comment
	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017		
<b>Growth &amp; Infrastructure</b>	<b>487,538,382</b>	<b>246,273,617</b>	<b>241,264,765</b>		
<b>Roads &amp; Bridges</b>	<b>245,660,322</b>	<b>133,229,134</b>	<b>112,431,188</b>		
Maley Dr.	86,176,000	21,860,683	64,315,317		In Progress as currently under construction.
MR35	5,500,000	90,524	5,409,476		In Progress - design expected to be completed by October 2018 and construction to start in October 2018. Anticipated spending for 2018 is \$3,900,000.
Barrydown Westmount Kingsway	4,400,000	99,166	4,300,834		in progress - phase 1 to be completed in 2018
MR15 Belisle to Martin	4,350,000	1,765,855	2,584,145		In construction - completion in 2018
Kelly Lake Rd.-Lorne to Bridge	2,377,984	160,124	2,217,860		construction underway
Vermillion Lk Bridge (MR55)	1,950,000	111,164	1,838,836		Construction to commence 2019, no anticipated surplus as this is a challenging project.
Second Ave. (Sudbury)	6,642,987	5,105,467	1,537,520		In Progress - June 30, 2018 - no anticipated surplus or deficit
MR89 Skead Rd to Rix St	2,500,000	1,032,022	1,467,978		Substantially completed but there is outstanding work remaining to be completed.
					Various Projects: Paris/Notre Dame Bikeway - Not Yet Started - expected to be tendered in early June 2018 (RFP currently under review). Project expected to be completed by April 2019 and no additional surplus expected.
Cycling Infrastructure	1,495,836	57,495	1,438,341		
Contingency	4,496,047	3,123,319	1,372,728		In Progress - To be used as needed for contracts
Brady Durham Greenstairs	1,530,000	201,899	1,328,101		Construction anticipated to be complete by end of Aug 2018, no anticipated surplus at this time.
Lorne Street - Detailed Design	1,300,000	-	1,300,000		RFP for Detailed design to be issued in early June
Frobisher Yard	1,447,935	244,424	1,203,511		To be utilized as part of Depot Study recommendations
Capreol CIP	1,640,999	493,257	1,147,742		underway - completion in June
Facer St - Design & Construction	1,600,000	547,177	1,052,823		Bell Park Project - in construction - complete in 2018
Junction Creek Bridge - Kelly Lake Rd.	3,619,771	2,846,685	773,086		To determine when construction is to commence, no anticipated surplus at this time.
					To determine when construction is to commence, no anticipated surplus at this time. This project will require a re-estimate as the budget seems low. Project is on hold as City hasn't been approved for any grants towards this project at this point.
Elgin Street Greenway	1,040,000	268,390	771,610		
Lorne St.	5,509,683	4,774,607	735,076		In progress - first phase started in 2017 and will be completed by mid-2018
First Ave. (Coniston)	725,000	-	725,000		In Progress - July 31, 2018 - no anticipated surplus or deficit
Automatic Vehicle Locator	1,935,204	1,318,097	617,107		in progress to be used as required for equipment.
Minto St.	590,000	-	590,000		in progress with 100% of budget projected to be spent by 2019. Design late 2018 construction in 2019
MR55 to McCharles Lk Rd 1.75 km W	2,565,000	1,988,342	576,658		Project will be completed by June 30th, 2018 (Rectifying deficiencies). Anticipated \$500,000 Surplus
					Construction to be completed this year 2018, no anticipated surplus due to the cost of discovery re-design.
Traffic System Improvements	1,194,416	630,151	564,265		
Kingsway Sidewalk	2,700,000	2,164,116	535,884		In Progress - expected completion is November 2018. No anticipated surplus.
Bowlands Bay Bridge	795,000	266,431	528,569		under construction with completion in 2018
Future Roads Projects	1,509,438	1,000,001	509,437		in progress - being used for preliminary & detailed design of future projects
Barrydown Extension	500,000	2,240	497,760		In progress, 100% of budget projected to be spent by 2020.
MR15 Whitson River Bridges	2,800,000	2,307,314	492,686		Construction anticipated to be complete by end of Aug 2018, no anticipated surplus at this time.
Rockfall Program	500,000	11,137	488,863		Not Yet Started - expected to be tendered in July 2018
					Tendering soon, Design estimate is \$1M plus will be adding small watermain scope, construction this year 2018.
William Ave Bridge (Coniston)	540,000	61,074	478,926		
Skead Rd	3,493,646	3,017,135	476,511		Contract complete. Currently monitoring an area which might require additional work (TBD). Anticipated \$400,000 Surplus
MR84 Capreol Lk to Suez Dr	2,400,000	1,929,293	470,707		Project will be completed by June 30th, 2018 (Rectifying deficiencies). Anticipated \$400,000 Surplus
Ironside Lake Rd Bridge	500,000	35,126	464,874		Sponsor to determine when construction is to commence, no anticipated surplus at this time.
Second Ave. (Coniston)	885,000	457,836	427,164		In construction - completion in 2018
Douglas Street Bridge	500,000	78,493	421,507		Sponsor to determine when construction is to commence, no anticipated surplus at this time.
					Construction to be included in the 2018 Culvert Contract, design and estimate not completed at this time.
Walter Street Bridge	400,000	-	400,000		
Ghandi Ln.	800,000	404,978	395,022		Additional work at #66 Patterson proposed
					This account is for ongoing work that the rail company completes on road/rail crossings. It is used to cover the City's portion of the cost sharing for these type of programs.
Railway Crossing Improvements	1,871,535	1,490,330	381,205		
MR55 (CPR Overhead)	2,785,000	2,427,311	357,689		Construction completed this year 2018.
					Asphalt, ditching and restoration on main contract. Change order anticipated to improve intersection, and fire entrance to creek. Anticipated completion this year 2018.
Crean Hill Rd.	9,670,159	9,313,057	357,102		
CNR Overpass (Falconbridge Rd)	450,000	102,906	347,094		Detail design and cost estimate not complete at this time. Construction scheduled for 2019.
Sidewalk Plows	331,647	-	331,647		Received in early 2018.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Mary St. (Sudbury)	300,000	355	299,645	in design, construction in 2019
Leslie St.	295,000	-	295,000	in design, construction in 2019
Westmount Ave.	1,110,000	827,004	282,996	Project will be completed by June 30, 2018. Anticipated deficit of \$50,000
Stormwater Asset Management Plan	400,000	118,336	281,664	Underway
Downtown BIA Streetlights	829,893	563,822	266,071	being utilized as required for cost sharing with BIA
Kalmo Road Bridge	100,000	-	100,000	Design cost - for 2019 project.
MMMS	75,000	-	75,000	For MMMS replacement project - funds will be moved to MMMS cost centre in 2018.
Intelligent Transportation System	64,000	-	64,000	in progress - complete in July 2018
Repairs and Maintenance	29,000	-	29,000	On-going
Various Projects (commenced with remaining budget below \$250K)	63,569,142	58,834,223	4,734,919	Various projects in progress.
MR55 Culvert	870,000	1,097,768	(227,768)	Complete and deficit will be funded from existing projects.
<b>Drains &amp; Stormwater Management</b>	<b>34,833,060</b>	<b>13,671,295</b>	<b>21,161,765</b>	
Whitson Paquette	8,580,537	788,935	7,791,602	Tender Fall 2018
Mountain Street Storm Outlet	4,256,734	1,956,192	2,300,542	Phase 2 in detailed design and required approval processes
East Branch Junction Creek	2,201,000	46,546	2,154,454	waiting for results of Junction Creek Subwatershed Study
Green Ave Storm Conveyance	2,100,000	-	2,100,000	Issues with property acquisition
Countryside Stormwater	1,763,600	53,182	1,710,418	In Progress - Design is complete and Tender for Contract is in progress. Construction expected to start in June 2018. No expected surplus.
Watershed Studies	2,870,700	1,295,351	1,575,349	underway, multiple studies
Horizon	1,084,990	95,026	989,964	municipal drain project - design phase completion 2018
Minnow Lake STS	3,585,606	2,742,043	843,563	under construction
Val Caron Drain	2,308,126	1,482,964	825,162	design to be completed in 2018, tender in late 2018
Lavallee Drain F Subdrain	250,000	-	250,000	re-evaluating approach to drain repairs
Storm Sewer Upgrade	336,376	147,515	188,861	Contingency
Misc Storm Sewer Improvements	100,000	-	100,000	Contingency
Drain Allowance	51,200	-	51,200	Contingency
Trillium Drain SW Mgmt	26,400	-	26,400	waiting for recommendations of Whitewater Lake Subwatershed study
Various Projects (commenced with remaining budget below \$75K)	5,317,791	5,063,541	254,250	Various projects in progress.
<b>Water Plants</b>	<b>32,758,250</b>	<b>18,393,869</b>	<b>14,364,381</b>	
Well Building Upgrades	2,740,419	136,219	2,604,200	Award for Design June 2018, Construction 2019
Reactivator Upgrades at Wanapitei WTP Phase 3	1,700,000	142,090	1,557,910	preliminary investigation and technology review underway, design will occur once study is complete
Vermillion WTP/Vale	975,000	-	975,000	Capital commitment for future works required on Vermillion WTP, if required
Val Caron Booster Upgrade	900,000	153,367	746,633	RFP to be posted June 2018, Construction to follow and complete in 2018
Storage Tank Inspection	1,043,304	346,594	696,710	RFT to be awarded June 2018, Construction to follow and complete in 2018
Kingsway BS-Demo Moss Montrose	630,000	-	630,000	RFT to be posted June 2018, Construction to follow and complete in 2018
Well Inspection Rehab	1,762,036	1,183,229	578,807	Construction in progress, to be complete end of 2018
Filter Blower Replacement at Wanapitei WTP Phase 3	490,000	-	490,000	Tender to be issued summer/fall 2018
Health and Safety Upgrades	506,086	23,190	482,896	on-going, audit completed, implementation of recommendations underway
Security Improvements	488,068	8,544	479,524	Security Plan development underway, complete in late 2018
SCADA Upgrades	707,419	288,865	418,554	on-going, as required and for planned works/upgrades
David St WTP - Membrane Filter Replacement	400,000	-	400,000	committed reserves for future filter replacements
SCADA Master Plan	625,000	307,522	317,478	design standards complete, master plan to begin late 2018, completion in 2019
Plant Process Energy Optimization	442,624	127,963	314,661	on-going
Operating Manuals	400,212	99,952	300,260	Procedural Manual and template development underway, updates to existing manuals to follow
Booster Station Upgrades	344,492	85,489	259,003	RFT to be posted June 2018, Construction to follow and complete in 2018
Transformer Upgrades at Wanapitei WTP Phase 3	300,000	43,899	256,101	design underway, tender in 2018
Operational Optimization	250,000	-	250,000	Study to commence in 2019
Water Filling Station	398,016	160,522	237,494	Budget transferred to cover the cost of transformer upgrades at Wanapitei Plant
Containment Tank at David Street WTP	250,000	14,031	235,969	design in 2019
Filter Replacement at Wanapitei WTP Phase 3	328,622	96,083	232,539	condition assessment schedule for Fall of 2018, extent of replacement depends of assessment replacement
Process/Equipment Upgrades at David Street WTP	443,551	244,956	198,595	on-going, to be utilized for HVAC upgrades and small equipment upgrades
Source Protection Plan	236,717	57,225	179,492	In Progress - consultant(s) to be acquired to complete required study for VE in 2018
Miscellaneous Plant Repairs	935,724	783,439	152,285	on-going
ROI Technologies Study	135,000	8,565	126,435	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Asset Management Plan	100,000	-	100,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Plant Repairs & Equipment Replacement	176,258	76,258	100,000	on-going and used as required
Facilities Design Manual	95,000	-	95,000	to begin in Q4 of 2018, completion in Q3 of 2019
Azilda Storage Tank	80,000	-	80,000	RFT to be awarded June 2018, Construction to follow and complete in 2018
Asset Management Software	75,000	-	75,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Annual Condition Assessment	50,000	-	50,000	for non-destructive testing of Plant process piping and containment vessels
David St WTP - Plant Repairs	50,000	-	50,000	on-going and used as required
Distribution Health and Safety Equipment	50,000	-	50,000	To be used as required to purchase needed equipment.
GIS/Mtce Management Systems	50,000	-	50,000	Funds to be used by AMP task force
Strategic Planning	30,000	-	30,000	Funds to be used by AMP task force
Business Plan	25,000	-	25,000	Funds to be used by AMP task force
Backflow Cross-Con Reduction	20,000	-	20,000	In Progress - Backflow by-law passed in December 17 by Council. Materials and required equipment being received. Implementation and enforcement commenced February 2018
Fencing - All Facilities	8,842	-	8,842	Not started - Implementation in 2018/19 by new WWW Asset Management Task Force
Various Projects (commenced with remaining budget below \$100K)	14,515,860	14,005,867	509,993	Various projects in progress.
<b>Water Linear</b>	<b>47,529,028</b>	<b>26,226,891</b>	<b>21,302,137</b>	
AMR Water Meters	3,575,000	73,889	3,501,111	in progress - working on development of RFP
MR35	1,287,033	9,973	1,277,060	In design phase to be tendered in late 2018 with construction to follow
BarryDowne Westmount Kingsway	1,310,000	81,159	1,228,841	Tendering ENG 18-2 Spring 2018 (Watermain Improvements ahead of widening project)
Kelly Lake Watermain	1,000,000	-	1,000,000	construction underway 2018
Maley Drive Watermain	1,500,000	534,085	965,915	part of Maley Dr. upgrades
Watermain Rehabilitation	6,254,124	5,454,339	799,785	underway - completion in 2018
Former Transit Depot Garage Renos	650,001	-	650,001	in progress, completion in Fall 2018
Distribution System Optimization	650,000	-	650,000	Not started - Implementation in 2018/19 by new WWW Asset Management Task Force
First Ave. (Coniston)	625,000	787	624,213	In Progress - July 31, 2018 - no anticipated surplus or deficit
Detailed Design	609,928	-	609,928	In progress - funds to be used to retain engineering consultants to complete detailed designs for various projects
Whitefish Rechlorination	845,169	286,475	558,694	In detailed design and included in future Capital Budget (additional funds required for construction)
Stanley St. - Ash to Pine	500,378	3,175	497,203	In progress. In detailed design and to be tendered in 2019.
Fairburn St. - Barrydowne to East End	485,000	-	485,000	In progress. In detailed design and to be tendered in 2019.
Lorne St. / MR55	470,000	-	470,000	in progress to be used for design RFP to be issued in June.
Water Valve Replacement	539,320	129,535	409,785	in progress. In detailed design and to be tendered in 2019.
St. Jerome Easement	375,000	-	375,000	In progress. In detailed design and to be tendered in 2019.
Power St. - Mr55 to Collins	375,000	1,559	373,441	In progress. In detailed design - geotechnical investigation pending.
Wanapitei Trunk Watermain	348,693	-	348,693	In progress. In detailed design - geotechnical investigation pending.
Leak Detection Annual Program	450,000	104,732	345,268	To be used in 2018 for equipment purchase.
Lorne St.	2,524,328	2,183,119	341,209	underway, completion July 2018
Vermillion Water System	550,000	229,806	320,194	in progress for final restoration on copper cliff flow meter.
1st Ave. - Balsam to Allan (Coniston)	3,464,288	3,160,853	303,435	In Progress - July 31, 2018 - no anticipated surplus or deficit
System Improvements	573,373	306,129	267,244	on-going, used as required
West End Trunk Watermain Replacement	400,000	138,499	261,501	Design is underway - construction to be completed by 2020.
Margaret - Second Ave to East End	500,000	262,588	237,412	In Progress - June 30, 2018 - no anticipated surplus or deficit
Water Service Replacement	608,787	383,774	225,013	Remaining work to be completed with design in Summer 2018 with construction in 2019 - no anticipated surplus or deficit
Concrete Pressure Pipe	225,000	-	225,000	To be used in 2018 for Consultant Costs to assess CPP.
Lively - Backyard & Small Diameter	220,000	-	220,000	In progress. In detailed design, to be tendered in future for Tenth Avenue Lively (small diameter watermain replacement with sewer project. Included in future Capital Budget (additional funds required for construction).
Ash St. - Parkwood to Stanley	197,440	-	197,440	Tendering Spring 2019
Contingency	540,245	342,805	197,440	in progress - to be used as need for contracts
Large Water Meter Replacement	201,895	18,030	183,865	on-going
Distribution Support	546,403	375,387	171,016	In progress. Used as required for unanticipated operational needs.
Elm St. - MacLachlan to Simcoe	150,000	-	150,000	Not Yet Started - design in Summer 2018 with construction in 2019 - no anticipated surplus or deficit
MR80 - Watermain Crossings	150,000	-	150,000	In Progress - Fall 2018 - no anticipated surplus or deficit
Watermain with Roads	150,753	3,830	146,923	In progress. Used as required for unanticipated work to accommodate roads work.
Water Efficiency Plan	191,554	50,950	140,604	In Progress - consultant(s) to be acquired to complete required study for VE in 2018.
Westmount - Barrydowne to Attlee	335,000	194,706	140,294	underway, construction complete in 2018
Water Air Release Valve Assessment	150,000	13,885	136,115	on-going
Elgin Street	917,840	787,859	129,981	Approximately \$100,000 of remaining work was cancelled and will be re-tendered later this year (water project only). Project is currently in the warranty period.
Property Acquisition	125,000	-	125,000	In progress. To accommodate detailed design - in 2018/19.
Parkwood St.	125,000	2,024	122,976	Currently, in design and to be tendered in future (additional funds required for construction).
Moonlight Ave.	1,712,680	1,593,311	119,369	complete, other than deficiencies
Elm St. (Sudbury)	110,000	-	110,000	Not Yet Started - design in Summer 2018 with construction in 2019 - no anticipated surplus or deficit
Preliminary Design	294,101	188,086	106,015	to be utilized for use of consultants
Automatic Vehicle Locator	300,000	196,554	103,446	To be utilized as required for vehicles.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Wanapitae Trunk Design	102,001	-	102,001	In progress. In detailed design - geotechnical investigation pending.
Annual Condition Assessment	100,000	-	100,000	In progress. Currently deciding on best course of action.
Trench Rescue Training	100,000	-	100,000	In progress - training to be completed in conjunction with respective department
Watermain Air Release Valve	100,000	-	100,000	In progress. Tender for replacement in 2018.
Allan Street Bridge	70,000	-	70,000	Sponsor to determine when construction is to commence, no anticipated surplus at this time.
Source Protection Plan	50,000	-	50,000	In Progress - consultant(s) to be acquired to complete required study for VE in 2018
GIS/Mtce Management Systems	25,000	-	25,000	In progress. Used as required for planned and unexpected maintenance.
Backflow Prevention	20,000	-	20,000	In Progress - Backflow by-law passed in December 17 by Council. Materials and required equipment being received. Implementation and enforcement commenced February 2018
Data Management Systems	15,000	-	15,000	In progress. Used as required for unanticipated and regular planned maintenance.
Various Projects (commenced with remaining budget below \$100K)	9,583,694	8,829,687	754,007	Various projects in progress.
Strathmere - Water Lining	250,000	285,301	(35,301)	Complete and deficit to be funded from existing accounts.
<b>Wastewater Plants</b>	<b>77,687,365</b>	<b>32,510,993</b>	<b>45,176,372</b>	
Copper Cliff WW System	10,000,000	784,113	9,215,887	in construction, completion in 2018
Lift Station Upgrades	13,397,900	4,512,389	8,885,511	on-going, various projects, various project phases
Standby Power/Parking Lot/RV at Sudbury WWTP Phase 3	5,100,000	-	5,100,000	RFP to be issued late 2018
Process/Eqpt Upgrades - Various WWTP	4,941,276	767,992	4,173,284	Construction is underway at Walden Plant (\$3.75M) and Lively Plant (\$237K), and Valley East Plant (\$148K).
WWTP Upgrades	4,195,046	228,629	3,966,417	Construction is underway at Chelmsford Plant (\$1.761M), Walden Plant (\$1.281M), Lively Plant (\$498K), and Valley East (\$426K). Tender underway for phase 1 construction ( Sludge handling unit) at Valley East Plant. Other upgrades are coming this year 2018
Dechlorination at Valley East WWTP	2,328,945	539,638	1,789,307	Funds to be used in 2018 Plant upgrades.
Lift Station Upgrades/Standby Power	1,220,000	46,118	1,173,882	on-going, various projects, various project phases
Infrastructure Master Plan - Consultant Costs	2,816,927	1,652,513	1,164,414	Project in Public review period. Remaining budget to be used as part of the AMP and Master Plan implementation.
St. Charles Lift Station - Project Design	975,000	70,257	904,743	Under detailed design. Tender for construction to be issued in late 2018
Valley East WWTP Upgrade Insp	900,000	12,702	887,298	Tender underway for phase 1 construction (Sludge handling unit) at Valley East Plant. Other upgrades are coming in 2018/2019
Standby Power at Sudbury WWTP Phase 2	926,991	327,155	599,836	RFP underway
SCADA Master Plan	675,000	210,077	464,923	design standards complete, master plan to begin late 2018, completion in 2019
Upgrade Primary Lagoons	500,000	47,946	452,054	Audit complete. Tender for upgrades 2018
Construction Costs at Azilda WWTP	432,717	1,253	431,464	Underway. To be used for upgrades in 2018/2019
Meatbird Transfer Station	847,992	446,622	401,370	Tender underway for decommissioning the facility
Plant Repairs & Equipment	405,789	20,853	384,936	Used for various plant upgrades
Operating Manuals	370,758	37,163	333,595	Guidelines and templates under development, updates to manuals are on-going
Communication/SCADA Upgrades	771,761	439,266	332,495	Used for Scada upgrades at various plants
Plant Process Energy Optimization	625,000	333,542	291,458	used at various plants upgrades.
Generator TSSA Upgrades	380,000	91,313	288,687	Construction in progress, to be completed in 2018
Energy Savings Initiatives	250,000	-	250,000	Subsequent to year end budget dollars transferred to Chelmsford Plant upgrades for energy initiatives
Belanger Lift Station	382,258	168,757	213,501	To be tendered in 2018.
Rock Tunnel Maintenance	200,000	-	200,000	In progress. Contribution to Committed Reserve for work resulting from inspections. To be tendered in 2019.
Security Improvements	233,193	33,216	199,977	Security Plan under development, implementation of recommendations start in 2019
Pump Replacements	410,000	211,828	198,172	Used for Lift Stations as needed
Demand-side Management	196,000	-	196,000	To be cancelled and returned to reserve fund in 2018.
Copper Cliff STP/Vale	170,000	-	170,000	for repairs to Copper Cliff WWTP as required under agreement with Vale
Concrete Rehab at Valley East WWTP	200,000	37,906	162,094	Phase 1 upgrades underway. Remaining upgrades are scheduled for 2018/2019
Wanapitae Lagoon	175,000	22,387	152,613	Audit complete. Tender for upgrades 2018
Sudbury WWTP - Compliance Audit	150,000	28,025	121,975	Procurement underway. Expected completion by end of 2018
Asset Management Plan	100,000	-	100,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Chelmsford Lagoon	100,000	-	100,000	Audit complete. Tender for upgrades 2018
Operational Optimization	100,000	58	99,942	Portion of these funds will be used at the Chelmsford WWTP upgrades & as needed at other WW Plants. Subsequent to year end budget dollars transferred to Chelmsford Plant upgrades for energy initiatives and performance optimization
Misc Plant Repairs	1,544,498	1,444,949	99,549	
Facilities Design Manual	95,000	-	95,000	to begin in Q4 of 2018, completion in Q3 of 2019
Work Management	92,954	2,748	90,206	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Lagoon Upgrades	89,118	-	89,118	Audit complete. Tender for upgrades 2018
ROI Technologies Study	85,139	-	85,139	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Copper Cliff STP	85,000	-	85,000	Required for future capital while under waste water treatment agreement with Vale. Amounts in committed reserve and are awaiting invoices from Vale to reimburse.
Sudbury WWTP - Equipment Upgrades	100,000	18,193	81,807	Ongoing as required for equipment replacement at the plant.
Parking Lot Upgrades at Sudbury WWTP Phase 3	70,000	-	70,000	Design in 2019 - construction to follow afterwards.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Dowling WWTP	60,000	-	60,000	Equipment at Dowling WWTP was purchased out of a miscellaneous equipment account. Actual costs to be moved to apply against this budgeted amount.
Lift Station Inflow Protection	60,000	-	60,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Annual Condition Assessment	50,000	-	50,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Asset Management Software	50,000	-	50,000	Not started - Implementation in 2018/2019, waiting for new AMP task forces to be in place
Environmental Management System	25,000	-	25,000	To be cancelled and returned to reserve fund in 2018.
Business Plan (GIS)	24,500	-	24,500	In Progress working with Information Technology department.
Community Spills Management	15,000	-	15,000	In Progress - on going project which prepares for emergency equipment, materials and disposal of spill contaminants
Various Projects (commenced with remaining budget below \$75K)	20,763,603	19,973,385	790,218	Various projects in progress.
<b>Wastewater Linear</b>	<b>38,456,565</b>	<b>15,087,347</b>	<b>23,369,218</b>	
Gatchell Outfall Sewer Construction	6,000,000	203,179	5,796,821	Not Yet Started - Tender expected to be issued early June 2018 (RFP currently under final review). Expected to spend \$600,000 of budget for 2018.
Lively Sewer System Upgrades	4,652,800	292,876	4,359,924	In Progress - expected to be completed by Sept 2018 - no anticipated surplus or deficit
Project Design	2,342,483	877,939	1,464,544	In Progress - Detailed Design RFP to be awarded in 2017. Design in 2018/19. Construction 2020-22.
Sherwood - Section 391 Charges (Kingsway)	1,170,000	-	1,170,000	In Progress - in proposal phase with construction expected in 2019.
Sewer Annual Rehabilitation	2,819,222	1,725,405	1,093,817	Not Yet Started - yet to receive project from sponsor - Summer 2018 (assumed) - Fall 2018 (assumed) - no anticipated surplus or deficit
Levesque - Section 391 Charges (Kingsway)	1,535,000	531,119	1,003,881	In Progress - in proposal phase with construction expected in 2019.
Sewer System Annual Repairs	2,598,299	1,715,918	882,381	In progress. To be completed in 2018.
Rock Tunnel Inspection	1,239,182	418,952	820,230	In progress. Contribution to Committed Reserve for inspection every 3-4 years.
Lorne St.	880,000	312,468	567,532	In Progress - ENG16-17
Operating Manuals	564,095	3,455	560,640	In progress. To be used for As-Built drawings updates. Work to be completed in 2018/19.
Preventative Plumbing	644,256	167,750	476,506	In Progress - project approved by Operations Committee to continue with new changes - review in Fall 2019
Regent, Bouchard, Southview	600,000	227,039	372,961	In Progress - In claims process
System Improvements	747,115	405,229	341,886	Not started - Implementation in 2018/2019, waiting for AMP task force to be in place
Spruce - Regent to Travers	1,013,623	679,143	334,480	In Progress - July 31, 2018 - no anticipated surplus or deficit
Combined Sewer Assessment	320,000	-	320,000	In progress. To be procured with roads for Capreol Combined Sewers project.
St. Jerome Easement	275,000	-	275,000	In progress. In detailed design and to be tendered in 2019.
I & I Annual Assessment	506,082	261,620	244,462	In progress. To be completed in 2018.
Maragret - Second Ave to East End	285,000	60,731	224,269	In Progress - June 30, 2018 - no anticipated surplus or deficit
Sewer Inspection Program	2,003,675	1,800,688	202,987	In progress expect to be completed in 2018.
Sewer and Watermain Contingency	188,831	-	188,831	in progress - to be used as needed for contracts
Algonquin Sewer	1,220,000	1,035,880	184,120	In Progress - July 31, 2018 - no anticipated surplus or deficit
Barrydown Westmount Kingsway	170,000	14,547	155,453	in progress with construction expected in 2018/2019.
Second Ave. (Coniston)	162,430	10,715	151,715	In Progress - July 31, 2018 - no anticipated surplus or deficit
Collection Support	165,311	15,311	150,000	In progress. Used as required for unanticipated operational needs.
Second Ave. (Sudbury)	200,000	70,927	129,073	In Progress - June 30, 2018 - no anticipated surplus or deficit
Contingency	719,569	593,990	125,579	in progress. Used as required for unanticipated work to accommodate roads or watermain work.
First Ave. (Coniston)	125,000	-	125,000	In Progress - July 31, 2018 - no anticipated surplus or deficit
Ash St. - Parkwood to Stanley	110,000	5,012	104,988	To be tendered in Spring 2019
Trench Rescue Training	100,000	-	100,000	In progress. Training to be completed in conjunction with respective department
Roger St.	183,000	90,364	92,636	Surplus \$92,636 Complete. Surplus to be used for other wastewater in accordance with policy.
Collection Health & Safety	135,870	46,587	89,283	In progress. Used as required for unanticipated operational needs.
Loach's Rd.	100,000	17,684	82,316	Commencing Summer 2019
Creighton Rd.	143,535	63,058	80,477	Commencing Summer 2019
Rita St.	65,000	-	65,000	Tender Spring 2019
Combined Sewer Separation	50,000	-	50,000	In progress. To be procured with roads for Capreol Combined Sewers project.
GIS/Mtce Management Systems	45,000	-	45,000	In progress. Procuring consultant services for various requirements.
Safety Grate on Sanitary Main	30,000	-	30,000	To be procured in 2018/2019
Locates	20,000	-	20,000	In progress. Used as required for locates.
Mont Adam St.	17,500	-	17,500	Cancelled. Surplus to be used for other wastewater in accordance with policy.
Community Spills Management	15,000	-	15,000	in progress - to be utilized when required
Frobisher Depot Upgrades	10,000	-	10,000	In Progress - Funds allocated to old transit garage renovations
Various Projects (commenced with remaining budget below \$80K)	4,284,687	3,439,761	844,926	Various projects in progress.
<b>Environmental Services</b>	<b>7,652,012</b>	<b>5,793,030</b>	<b>1,858,982</b>	
Sudbury LS Cell Closure Misc	1,684,351	1,240,290	444,061	Awaiting report from consultant (WSP) before proceeding.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Sudbury LS Recycling Site Phase 2	686,772	335,050	351,722	This project is underfunded so it is being completed in phases. Engineering has included construction for a portion of the pad and the emergency access road as part of ENG18-32 (tender is closing May 24, 2018).
Hanmer LS Cell Closer	990,000	828,039	161,961	Work is on-going to address requirements at the site.
Azilda LF Cell Closure	170,000	31,759	138,241	Committed amount of \$95,428 is for contract administration for the cell closure to be completed in 2019. The remaining amount is being retained for oversight.
Environmental Contingency	701,861	589,827	112,034	Funds are used for contingency purposes when required.
Sudbury LS Cell Closure S & N	1,910,695	1,816,293	94,402	Awaiting report from consultant (WSP) before proceeding.
Sudbury LS Pad & Signs	90,000	17,575	72,425	Engineering has included construction of this as part of ENG18-32 (tender is closing May 24, 2018).
LS Cover & Hydroseeding	75,000	13,878	61,122	Funds used as required to meet regulatory requirements.
Scale Sandblasting & Coating	60,000	-	60,000	Consultant is reviewing and developing specifications for each scale. Then quotes will be obtained to complete work. Additional funds are anticipated to be required.
Automatic Vehicle Locator	257,466	199,462	58,004	Final payment has been made in 2018.
Sud LF Stormwater Management	37,000	(138)	37,138	Quotes to be obtained to complete work.
LF Scale & Scale House Repairs	309,723	274,997	34,726	Work is on-going.
Azilda LS Pads & Signs	30,000	-	30,000	This will be depleted in 2018 as part of a ENG 18-31 (tender is closing May 24, 2018).
Hanmer LS Pads & Signs	30,000	-	30,000	Work is on-going.
Hauled Sewage Site Close Design	30,000	-	30,000	Consultant to be hired to commence this project.
Sud LF Leachate Migration	14,000	-	14,000	Awaiting report from consultant (WSP) before proceeding.
Hanmer LF Leachate Migration	10,000	-	10,000	Awaiting quote from consultant (Wood).
No Littering Signs	10,000	-	10,000	These signs have been manufactured internally and costs charged to account in early 2018. Balance of funds to be used in 2018.
Various Projects (commenced with remaining budget below \$30K)	555,144	445,998	109,146	Various projects in progress.
<b>Facility Rationalization</b>	<b>1,419,482</b>	<b>206,671</b>	<b>1,212,811</b>	
Study Cost	250,000	206,671	43,329	Study for the five depot facilities and new administration building will be completed in 2018.
Growth Related Projects - Roads	1,169,482	-	1,169,482	Funds have been committed for City's share of cost sharing for various projects as part of the Development Cost Sharing Policy.
<b>Planning</b>	<b>1,542,298</b>	<b>1,154,387</b>	<b>387,911</b>	
Official Plan	257,505	152,280	105,225	In progress with an expected completion date of Q1 2020.
Green Space	168,551	63,460	105,091	In progress with no expected completion date as properties are acquired as they become available.
Development Charge Study	125,613	44,851	80,762	In progress with an expected completion date of Q3 2019.
Pop Projection Study	60,000	11,234	48,766	Project has been completed in 2018.
Chelmsford CIP	36,014	682	35,332	In progress with an expected completion date of Q3 2018.
Elgin Street Greenway	210,799	198,432	12,367	In progress with an expected completion date of Q3 2018.
GPS Equipment	67,035	66,234	801	In progress with an expected completion date of Q3 2018.
Mapping Photography	616,782	617,215	(433)	Over expenditure will be funded from 2018 capital envelope set aside for mapping photography.
<b>Community Development</b>	<b>41,354,818</b>	<b>29,852,488</b>	<b>11,502,330</b>	
<b>Healthy Communities</b>	<b>1,715,364</b>	<b>1,662,068</b>	<b>53,296</b>	
Chelmsford FHT	1,715,364	1,662,068	53,296	Project has been completed in 2018 with an estimated project surplus of \$29K.
<b>Leisure Services</b>	<b>15,333,337</b>	<b>11,257,777</b>	<b>4,075,560</b>	
St Joseph's Parking Lot	1,275,000	573,588	701,412	In progress with an estimated completion date of June 2018 and project is on budget.
Adanac Ski Hill Lift	2,278,210	1,652,656	625,554	In Progress with an estimated completion in July 2018 and an estimated surplus of \$440K. A report is planned for the June 19th Finance & Administration Committee for use of the estimated surplus.
Accessibility	293,351	9,612	283,739	In progress for improvements to the Capreol Millennium Centre with an estimated completion in December 2018. The estimated remaining budget of \$164K will be used for other facilities.
HARC Family Washroom	332,000	70,698	261,302	In progress with an estimated completion date of July 2018. There is a projected deficit of \$16K.
Junction Creek Waterway Park	296,949	98,507	198,442	In progress and at the Bridge abutment design phase.
Lively CSC Roof	176,691	11,620	165,071	Funds to be combined from Library/Citizen Service below (\$147,761 remaining budget) for same building. Additional funds are required of approximately \$100K-\$125K and will be tendered once additional funds are committed - likely in 2019
Nickel District Pool Exterior	451,593	318,546	133,047	This project has been completed in 2018 with a projected surplus of \$21K.
Capreol Arena Building Shell	190,972	66,839	124,133	Project is on hold as requires additional funding .
Bell Park Boardwalk	220,000	100,705	119,295	Work to be completed in 2018.
Loader	100,000	-	100,000	Project has been completed in 2018.
Capreol Splash Park	101,710	2,858	98,852	In progress with an estimated completion date of end of June 2018 with a projected surplus of \$2K.
Scoreboards	235,202	144,648	90,554	This project has a remaining balance \$77K in 2018 and will be used as needed for scoreboards or other Arena equipment.
Bike Path/Comm Trails Upgrades	107,200	19,219	87,981	Work to be completed in 2018.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Playground/Outdoor Rinks	102,852	16,731	86,121	In progress for the Westmount Canopy with an estimated completion in Sept 2018 and any remaining funds will be used for various projects.
Queens Athletic Field Bleachers	61,000	-	61,000	In progress with an estimated completion in Nov 2018 and project is expected to be on budget.
Valley East Youth Centre	81,653	21,920	59,733	In progress with an estimated completion in July 2018 and an estimated surplus of \$45K.
Azilda Splash Park	50,000	-	50,000	Insufficient funds to start the project - waiting for community fundraising to be completed in order to commence project.
Delki Dozzi Splash Park	50,000	-	50,000	Insufficient funds to start the project - waiting for community fundraising to be completed in order to commence project.
Val Caron Splash Park	50,000	108	49,892	Insufficient funds to start the project - waiting for community fundraising to be completed in order to commence project.
Energy Retrofits	113,733	67,099	46,634	In progress for various retrofit projects for leisure facilities that will be used as needed.
Garson Splash Park	50,660	5,717	44,943	In progress with an estimated completion date in July 2018. Additional funding of \$100K was included in the 2018 Capital Budget and this project is expected to have a projected surplus of \$43K.
Laurentian Track Repairs	44,189	-	44,189	Will be used towards track repairs & equipment at the track located at Laurentian University.
Kathleen Depot	130,000	86,288	43,712	This project has been completed in 2018 with an projected surplus of \$13K.
Tennis Court Resurfacing	234,261	191,661	42,600	In progress with estimated completion in Sept 2018 that will be used towards various court projects (ie. Pickle Ball).
Howard Armstrong Rec Centre HVAC	60,000	17,685	42,315	In progress with estimated completion in June 2018 and is expected to be on budget.
Barrydowne Arena Building Shell	40,000	-	40,000	In progress as procurement in process and expected to be on budget.
Nickel District Pool Roof	133,600	94,080	39,520	Project has been completed with a projected surplus of \$39K.
Fire Alarm Panels	35,000	4,665	30,335	Work to be completed in 2018.
Brebeuf Tennis Court	140,000	111,170	28,830	In progress with estimated completion in August 2018 and is expected to be on budget.
Various Parks Security	249,964	223,226	26,738	Work to be completed in 2018 and will be balanced.
Arena Upgrades	161,072	135,662	25,410	In progress as will be used for multiple projects and expected to be on budget.
Victory Park Skate Park	16,781	-	16,781	Budget is from donations received - in progress - HCI \$60K approved for Victory Skate Park Project.
Lonsdale Playground Association	1,000	-	1,000	Budget is from donations received - for future work.
Azilda Dog Park	656	-	656	Budget is from donations received - for future work.
Copper Cliff Splash Pad	50	-	50	Budget is from donations received - for future work.
Various Projects (commenced with remaining budget below \$25K)	4,390,968	4,057,956	333,012	Various projects in progress.
Site Design	116,337	147,834	(31,497)	In progress for the Event Centre. Additional budget funds in the 2018 Budget.
Northern Water Sport Centre	2,960,683	3,006,479	(45,796)	This project is complete and awaiting an outstanding donation from Northern Water Sports Centre.
<b>Library &amp; Citizen Services</b>	<b>2,067,092</b>	<b>1,220,604</b>	<b>846,488</b>	
Radio Frequency Identification	200,000	-	200,000	RFP in 2018 to start in 2018 and complete in 2019 - On Budget.
Library/Art Gallery	420,000	226,561	193,439	Large Project Funding - ongoing from 2017.
Lively Citizen Serv Ctr Roof	150,000	2,239	147,761	Funds to be combined with Leisure above (\$165,071 remaining budget) for same building. Additional funds are required of approximately \$100K-\$125K and will be tendered once additional funds are committed - likely in 2019.
Historical Database	57,000	12,602	44,398	In Progress - completion in 2021 as this spans a five year term - On Budget
Library Shelving	90,779	49,601	41,178	In Progress - completion in 2018 - On Budget
Azilda/Chelmsford CSC - HVAC	85,495	46,193	39,302	In Progress - completion in 2018 - On Budget
CD Contingency	189,617	156,617	33,000	In Progress - completion in 2018 - On Budget
Contingency	26,000	-	26,000	In Progress - completion in 2018 - On Budget
Museum Website	30,000	4,656	25,344	In Progress - completion in 2019 - On Budget
Historical Database - Digitization	25,000	1,957	23,043	In Progress - completion in 2019 - On Budget
Energy Retrofits	50,000	28,943	21,057	In Progress - completion in 2018 - On Budget
Anderson Farm	50,000	33,126	16,874	In Progress - completion in 2018 - On Budget
Energy Retrofits - Contingency	2,838	-	2,838	In Progress - completion in 2018 - On Budget
Flour Mill Museum	2,548	-	2,548	In Progress - completion in 2018 - On Budget
Various Projects (commenced with remaining budget below \$10K)	687,815	658,109	29,706	Various projects in progress.
<b>Cemetery Services</b>	<b>604,769</b>	<b>321,267</b>	<b>283,502</b>	
Civic Cemetery Road Realignment	350,000	211,080	138,920	In Progress - completion December 2018 - On Budget
Columbarium Niche Walls - St Joseph	39,303	-	39,303	In Progress - completion December 2018 - On Budget
Long Lake Cemetery Property Acquisition	41,182	6,281	34,901	On Hold - negotiating land access agreement with private land owners
Maplecrest Landscaping	33,284	-	33,284	In Progress - completion December 2018- On Budget
Columbarium Niche Walls - Civic	55,000	24,378	30,622	In Progress - completion December 2018 - On Budget
Lot Expansion - Capreol	25,000	2,750	22,250	In Progress - completion December 2018- On Budget
Irrigation/Tree Removal/Fence	61,000	76,778	(15,778)	Will be using 2018 funding to cover this over-expenditure
<b>Transit</b>	<b>16,680,232</b>	<b>12,477,066</b>	<b>4,203,166</b>	
Replacement Buses	8,468,778	6,684,839	1,783,939	In Progress - Three 40' Nova buses on order, delivery expected Winter 2018

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Route Optimization Study	1,000,000	134,347	865,653	In Progress - Study nearing completion, infrastructure improvements to be carried out 2019-2020. Funds from other PTIF projects have been moved to this project. New allocation for this budget \$1,240,000, transfers approved by INFC
Garage Improvements	4,037,201	3,241,103	796,098	In Progress - Nearing completion. Surplus moved to complete CPTED requirements on Transit Improvement - Elm St project.
Accelerated Rebuild	1,350,000	1,008,597	341,403	In Progress - Nearing completion only a few units remaining, will be completed by end of 2018.
Scheduling Software Upgrade	200,000	-	200,000	In Progress - RFP awarded and contract issued, implementation should be completed 2018, early 2019
AVL Modem Update	200,000	84,982	115,018	Completed - surplus funds transferred to Route Optimization Study
Transit Branding	100,000	-	100,000	In Progress - RFP will be issued shortly, work to start 2018 with completion expected 2019
Transit Maintenance Software	40,000	-	40,000	Cancelled and funds transferred to Route Optimization Study
Stop Announcement Upgrade	7,000	-	7,000	In Progress - Will be completed before end of 2018
Various Projects (commenced with remaining budget below \$25K)	213,000	169,559	43,441	Various projects in progress.
Terminal Improvement - Elm St	1,064,253	1,153,639	(89,386)	In Progress - Deficit due to addition to project scope and transfer of surplus from Garage improvement to cover variance, pre-approved by INFC
<b>Healthy Community Initiatives (HCI) Fund</b>	<b>2,350,698</b>	<b>1,286,648</b>	<b>1,064,050</b>	Funds are spent based on applications received and approved in accordance with HCI By-Law.
<b>Health &amp; Social Services</b>	<b>2,603,326</b>	<b>1,627,058</b>	<b>976,268</b>	
Community Hubs / Recomm Space	250,000	-	250,000	Awaiting final community hub strategy - further community consultation occurring June 20/18 at Population Health forum
Bed Redevelopment	240,000	-	240,000	In Progress. RFP for architects awarded. \$32,000 deficit (covered by surpluses elsewhere). Architects report due end of Sept/18
Nurse Call Station	826,022	694,770	131,252	In progress, expected completion Dec/18. Anticipate deficit but will cover from surpluses elsewhere
Kitchen Equipment	92,696	21,008	71,688	In progress, anticipate spending by year end
Fire Code Compliance	102,342	41,358	60,984	Basement sprinkler - quote/tender in progress, completion 2019. Achieve within budget
Carpet Replacement	50,000	-	50,000	Awaiting final renovation plans from Social Services division expected July 2018
Kronos Upgrade	64,386	26,494	37,892	In progress, complete by year end, within budget
Contingency	28,684	-	28,684	Will used as part of architect RFP
Boiler Plant Upgrades	102,078	75,722	26,356	In progress, will be completed by Dec/18. Within budget
Equipment Replacement	108,527	82,727	25,800	In progress, will be completed by Dec/18. Within budget
Various Projects (commenced with remaining budget below \$25K)	738,591	684,979	53,612	Various projects in progress.
<b>Community Safety</b>	<b>9,048,632</b>	<b>4,844,770</b>	<b>4,203,862</b>	
<b>Fire Services</b>	<b>4,150,007</b>	<b>1,045,094</b>	<b>3,104,913</b>	
Ladder Truck	1,526,926	-	1,526,926	Back out to RFP - expected delivery 2019
Personal Protection Equipment	642,961	-	642,961	This money was set aside for reserve to replace bunker gear and SCBA at the end of their useful life ** Some of the funds will be used in 2018 to support immediate need for Bunker Gear (ie Volunteer Recruitment)
Tanker Truck	306,750	-	306,750	Out to RFP in 2018 - expected delivery 2019
Communication & Technology	455,635	268,239	187,396	Money for a Mobile Response pilot for volunteer firefighters * utilization of smart phone technology for two-way communication, paging and response to dispatch (90 day pilot) * If successful the remaining funds will be used to roll-out plan
Records Management System	250,000	135,403	114,597	\$20,000 to support business intelligence / KPIs through DSI project * These funds will be used to work with the vendor to enhance current system functionality and document management
Station Generator	172,510	81,521	90,989	* Potential to get generator from Police for Station 1- would need \$30K to complete electrical (need final confirmation of go ahead). * If not, will also need to purchase generator at an estimated cost of \$60,000+
Prevention System	130,000	43,897	86,103	Will be used in 2018 to support new NFPA Certification training requirements for Prevention & Public Education
SCBA Fill Stations	10,000	-	10,000	Will be spent in 2018 to support SCBA equipment
Various Projects (commenced with remaining budget below \$75K)	655,225	516,034	139,191	Various projects in progress.
<b>Emergency Medical Services</b>	<b>4,720,520</b>	<b>3,693,194</b>	<b>1,027,326</b>	
EMS Station Development	447,494	155,907	291,587	Potential funding source for DSS remediation and station improvements
Stretchers Power	1,206,322	951,922	254,400	Expected to be completed in 2018. Working with vendors to review options / models for Power Stair Chairs
Paramedic Response Unit	900,795	750,485	150,310	Will be completed by year-end. Any surplus will be sent back to reserve.
Personal Protective Equipment	270,000	139,169	130,831	This is an on-going requirement to outfit staff with PPE
Auto Medication System	105,135	24,279	80,856	2018 Tender Award Form issued for \$70,405. Any residual money will be used to update existing units.

Capital Project	Budget as of Dec 31, 2017	Actual Costs as of Dec 31, 2017	Remaining Budget as of Dec 31 2017	Project Comment
Kronos Upgrade	155,000	81,836	73,164	Will be used by end of 2018 for Telestaff module implementation
New Defibrillators	1,594,300	1,552,371	41,929	Cables, batteries and sensors have already been ordered
EMS Trailer	41,474	37,225	4,249	\$4,200 encumbrance on file for PO.
<b>Emergency Management</b>	<b>178,105</b>	<b>106,482</b>	<b>71,623</b>	
EOC Renewal	81,812	25,064	56,748	This will be used to implement an IMS model which will be started in 2018 & finalized by 2019
Equipment Upgrades	96,293	81,418	14,875	This will be used in 2018 to add safety fencing between residential area and Emergency Protective Services Centre
<b>Corporate Services</b>	<b>42,687,253</b>	<b>22,721,243</b>	<b>19,966,010</b>	
<b>Facilities - 199 Larch Street</b>	<b>3,400,532</b>	<b>736,249</b>	<b>2,664,283</b>	
Emergency Generator	623,063	90,146	532,917	Work is on-going and due to be completed June 2018
Revolving Door	325,000	-	325,000	On hold pending completion of TDS courtyard project; Require additional funding (future budget request)
HVAC Humidification	225,000	-	225,000	Placed on hold pending completion of TDS projects
Skylight Replacement	252,515	55,051	197,464	Placed on hold pending completion of TDS courtyard project, will be completed in 2018
Upper Concourse Roof Repairs	187,965	-	187,965	Placed on hold pending completion of TDS courtyard project, will be completed in 2018
Fresh Air Intake Filters	185,000	-	185,000	Placed on hold pending completion of TDS projects
Washroom Upgrades	175,000	-	175,000	Require additional funding; application submitted to Federal program for external funding in 2018.
HVAC Upgrades	125,000	-	125,000	Placed on hold pending completion of TDS projects
Electrical Distribution	115,000	-	115,000	Audit and review completed, require additional funding in future budget request.
Exhaust System Upgrade	75,000	-	75,000	Placed on hold pending completion of TDS projects, to be reviewed as part of cafeteria upgrade
Accessibility Audit	74,245	5,063	69,182	Completed, remaining balance to be used for future project (additional funding required, application submitted to Federal program for outside source of funding in 2018)
Elevator Room Temp Control	65,000	-	65,000	Work completed by TDS maintenance staff, balance uncommitted within the 199 Larch Street Reserve Fund.
Plumbing Upgrades	50,205	-	50,205	Placed on hold pending completion of TDS projects
Hydronic Heating Upgrades	50,000	-	50,000	Placed on hold pending completion of TDS projects
Lightning Protection	50,000	-	50,000	Placed on hold pending completion of TDS projects
Water Backflow Preventer	50,000	-	50,000	Placed on hold pending completion of TDS projects
Cooling System Upgrade	30,000	-	30,000	Placed on hold pending completion of TDS projects
Loading Dock Heat Trace	30,000	-	30,000	Placed on hold pending completion of TDS projects
Door Replacement	25,000	-	25,000	Placed on hold pending completion of TDS courtyard project, and will be part of revolving door upgrade as future project. Require additional funding in future budget
Emergency Exit Door	25,000	-	25,000	Work on-going, but 2 remaining doors to be completed following TDS courtyard project in 2018
Exterior Stairs	20,000	-	20,000	Placed on hold pending completion of TDS projects
Various Projects (commenced with remaining budget below \$50K)	642,539	585,989	56,550	Various projects in progress.
<b>Facilities - Tom Davies Square</b>	<b>16,056,499</b>	<b>8,539,501</b>	<b>7,516,998</b>	
Courtyard Renovation	8,160,000	5,261,652	2,898,348	Work is on-going and due to be completed in 2018
Elevator Upgrades	3,004,230	1,222,697	1,781,533	Work is on-going and due to be completed in 2018
Generator Replacement	1,116,233	186,839	929,394	Work is on-going and due to be completed in 2018
Courtyard Renovation - Larch	1,310,000	770,294	539,706	Work is on-going and due to be completed in 2018
Natural Gas Boiler	280,979	-	280,979	On hold pending SDEC (Sudbury District Energy Corporation)
Paris Ramp Heat Repair	160,000	-	160,000	Placed on hold pending completion of TDS projects
HVAC Humidification	125,000	-	125,000	Placed on hold pending completion of TDS projects
HVAC System Upgrade	125,000	781	124,219	Placed on hold pending completion of TDS projects
Skylight Replacement	165,000	62,443	102,557	Placed on hold pending completion of TDS courtyard project, will be completed in 2018
Fire Rating Repairs Design	100,000	-	100,000	On going - part of generator and elevator projects
Ventilation Fan	220,258	140,258	80,000	Tendered, and awarded to Greater City Mechanical; Placed on hold pending completion of TDS elevator. Will start late 2018 and be completed early 2019
Interior Finishes - Elevator Rel	40,000	-	40,000	Placed on hold pending completion of TDS elevator project.
Accessibility	35,000	-	35,000	Require additional funding, application submitted to Federal program for external funding in 2018
Main Fresh Air Supply Fan Repl	30,000	-	30,000	Placed on hold pending completion of TDS projects
Electrical System Audit & Review	20,000	-	20,000	Completed within a different account - these funds will be used to fund other deficits as required.
Rain Water Drainage Repair	20,000	-	20,000	Placed on hold pending completion of TDS projects
Various Projects (commenced with remaining budget below \$75K)	1,144,799	894,537	250,262	Various projects in progress.
<b>Facilities - Various Other Facilities</b>	<b>6,108,006</b>	<b>4,859,637</b>	<b>1,248,369</b>	
Solar Panels	2,000,000	1,593,448	406,552	In process of tendering remaining repair work. Balance of funds to be returned to reserve fund account.
Soffit Repairs	125,000	-	125,000	Architect June 2018, completion late 2018
CLELC Roof Repairs	315,320	208,063	107,257	Due to be completed by July 2018

<b>Capital Project</b>	<b>Budget as of Dec 31, 2017</b>	<b>Actual Costs as of Dec 31, 2017</b>	<b>Remaining Budget as of Dec 31 2017</b>	<b>Project Comment</b>
St Clair Admin Building Roof	250,000	144,667	105,333	Due to be completed by July 2018
Roofing Upgrades	95,000	-	95,000	Due to be completed late Autumn 2018
Building Automation System	65,000	-	65,000	Being priced, complete late Summer/early Autumn
Assets Contingency	697,596	633,220	64,376	To be used for other projects as needed.
Energy Conservation	347,887	286,016	61,871	Scope being reviewed, work to be completed late December 2018
Public Works Building Door Replacement	50,000	-	50,000	Funds being reallocated to other priority repairs at Northwest depot
Fire Halls Health & Safety	30,000	-	30,000	On going, due to be complete Autumn 2018
CLELC Emergency Lighting	15,000	-	15,000	Being priced, complete late Summer/early Autumn
Various Projects (commenced with remaining budget below \$50K)	2,117,203	1,994,223	122,980	Various projects in progress.
<b>Fleet</b>	<b>4,674,861</b>	<b>3,347,510</b>	<b>1,327,351</b>	
Garbage Packers	653,135	-	653,135	Garbage packers received and paid for in 2018.
Single Axle Dump Truck	186,442	52,024	134,418	A portion of funds transferred in 2018 for sign purchase, with remainder of funds to be reallocated for hot box. Half of remaining funds were used to purchase Cars which were received and paid for in 2018. Remaining budget transferred to fund 2018 1/2 Ton Pickups.
Cars	122,372	5,846	116,526	
Zamboni	354,016	259,016	95,000	Zamboni received and paid for in 2018.
1 Ton Dump	226,211	149,876	76,335	Remaining funds transferred to fund 3/4 Ton Pickups.
3/4 Ton 4x4 Pickup/Crew Cabs	767,189	692,189	75,000	One unit purchased and received in 2018, with another on order through purchase order.
1/2 Ton Pickups	532,293	474,253	58,040	1/2 Ton Pickup received and paid for in 2018.
Vans	581,871	526,871	55,000	Van received and paid for in 2018.
Various Projects (commenced with remaining budget below \$50K)	1,251,332	1,187,435	63,897	Various projects in progress.
<b>Parking</b>	<b>686,001</b>	<b>460,055</b>	<b>225,946</b>	
Pay & Display Machine	30,000	-	30,000	Continued work on pay by plate technology will take place in 2018 working toward an effective option for the downtown on street parking.
Signage	120,000	24,600	95,400	Work for the install of updated wayfinding signage is proposed for the summer of 2018 with an update to Council going in July.
Parking Improvements	536,001	435,455	100,546	Work for the install of lighting (improvement) is proposed for the summer of 2018 with an update to Council going in July.
<b>Clerks / Archives / By-Law / Human Resources</b>	<b>2,115,658</b>	<b>1,068,380</b>	<b>1,047,278</b>	
Corporate Infrastructure	379,844	-	379,844	With work for the Elevator and Courtyard projects taking up significant space and resources for TDS, work toward updated security controls for the building have been placed on hold temporarily. Staff will be working toward obtaining the services of an architect to consider options for access control in the facility when considering the tie in to life safety systems and requirement for permits. This will continue into 2019.
Central Mailing	287,923	48,044	239,879	No projects currently in progress. Used for the purchase of mailing/postage equipment and other related equipment such as recently acquired folder/inserters.
TDS Committee Room	421,050	247,927	173,123	To be used for various improvements to Council Chamber and Committee Rooms from time-to-time. Small project estimated at \$120,000 to increase security of main floor committee rooms currently delayed due to other ongoing projects at TDS
Library Archives	123,828	19,959	103,869	To be used for ongoing capital improvements to improve storage and shelving at the Edison facility in Falconbridge.
By-Law Enforcement	75,000	-	75,000	No funds spent to date. Funds reserved for equipment and tools associated with the completion of Animal Control, Shelter and Enforcement Services.
Closed Captioning	15,000	-	15,000	Funds set aside to improvement closed captioning of Council and Committee meetings. Anticipated to be included in requirements of new software for agenda and meeting management if approved by Council.
Various Projects (commenced with remaining budget below \$75K)	226,035	165,249	60,786	Various projects in progress.
Ergonomic Assessments	586,978	587,201	(223)	Over expenditures will be funded from 2018 capital envelopes for Ergonomic Assessments.
<b>Information Technology</b>	<b>2,217,063</b>	<b>956,601</b>	<b>1,260,462</b>	
Microsoft Products	599,117	273,728	325,389	The majority will be spent by year end. We expect it to be fully utilized.
Business Applications	400,000	75,805	324,195	Used for replacing legacy systems (for example replacing Class). Expected to be used by end of 2019.
Telephone Upgrades	305,964	34,498	271,466	Working with Bell on an upgrade path. Final date unknown at this time.
Geographic Information Systems	190,623	29,085	161,538	Project is ongoing. To be spend by end of 2019
Network Wireless Infrastructure	200,000	93,327	106,673	This will be fully utilized by year end.
Audit Logging Software	144,000	100,713	43,287	Will be fully spent by year end
Database Licenses	40,000	-	40,000	Not started. To be spent by end of 2018.
Servers & Licenses - Main Site	337,359	349,445	(12,086)	Deficit will be funded from existing accounts.

<b>Capital Project</b>	<b>Budget as of Dec 31, 2017</b>	<b>Actual Costs as of Dec 31, 2017</b>	<b>Remaining Budget as of Dec 31 2017</b>	<b>Project Comment</b>
<b>ERP</b>	<b>3,053,290</b>	<b>1,098,656</b>	<b>1,954,634</b>	
MMMS ERP	2,334,475	882,761	1,451,714	First phase complete. Next phase to start in 2019.
Misc Project Costs	230,505	649	229,856	Currently underway. To complete by mid 2019
Training ERP	187,525	23,741	163,784	Ongoing. Used to provide training for associated projects. Final date unknown.
FMIS Upgrade	300,785	191,505	109,280	Main project complete. There are outstanding items from the project. These funds are being allocated to complete remaining tasks. Expectation is end of 2019
<b>Economic Development</b>	<b>4,375,343</b>	<b>1,654,654</b>	<b>2,720,689</b>	
Industrial Land Strategy	1,078,326	277,816	800,510	The original projects are wrapping up. Staff are initiating review of industrial land strategy. Results will be available in 2019 and additional projects will result.
Farmer's Market Building	3,297,017	1,376,838	1,920,179	Planning for ultimate use of Rail Station and Greenway is expected to be finalized in 2018/2019. Capital work associated with these projects and the permanent alignment of the Downtown Market is expected to be initiated later in 2018 or early 2019.
<b>TOTAL</b>	<b>580,629,085</b>	<b>303,692,118</b>	<b>276,936,967</b>	

**Appendix C**  
**City of Greater Sudbury**  
**Completed Capital Projects over \$200,000**  
**Completed between October 1, 2017 & March 31, 2018**

Note - For all projects below, transfers have been completed in accordance with the Capital Budget Policy and variances greater than \$50,000 have been explained.

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
<b>Growth &amp; Infrastructure</b>						
<b>Roads</b>	<b>Roads Contingency</b>					
	2014 Capital Budget	2014	1,267,352	762,572	504,780	<b>1</b>
	<b>Various Subdivisions</b>					
	2015 Capital Budget	2015	2,000,000	1,043,781	956,219	<b>2</b>
	<b>Traffic System Improvements</b>					
	2016 Capital Budget	2016	500,000	199,110	300,890	<b>3</b>
	<b>Various Subdivisions</b>					
	2016 Capital Budget	2016	1,000,000	715,244	284,756	<b>4</b>
	<b>Gutcher Avenue from Mary Street to Lorne Street</b>					
	2016 Capital Budget	2016	480,000	485,738	(5,738)	
	<b>Roads Contingency</b>					
	2016 Capital Budget	2016	500,000	87,365	412,635	<b>5</b>
	<b>Sidewalk Plows</b>					
	Resolution FA2016-43-A10	2017	310,000	331,647	(21,647)	
<b>Drains</b>	<b>Property Acquisition</b>					
	By-Law 2018-14	2017	230,000	230,000	-	

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
<b>Water</b>	<b>Second Avenue (Sudbury)</b> Resolution CC2014-111	2017	700,000	709,245	(9,245)	
	<b>Dundas Street</b> 2016 Capital Budget	2016	225,000	199,252	25,748	
	<b>Arvo Street</b> 2016 Capital Budget	2016	525,000	754,155	(229,155)	<b>6</b>
	<b>Well Building Upgrades</b> 2012 Capital Budget	2012	200,000	119,632	80,368	<b>7</b>
<b>Wastewater</b>	<b>Sanitary Sewer System Rehabilitation (Lining) and Repair</b> 2014 Capital Budget 2015 Capital Budget	2014	200,000 1,125,000 <hr/> 1,325,000	1,413,621	(88,621)	<b>8</b>
	<b>Garson Lagoon</b> Garson Lagoon - 2010 Capital Budget Garson Lagoon - 2011 Capital Budget O'Neil Lift Station Upgrades - 2011 Capital Budget	2010	250,000 250,000 200,000 <hr/> 700,000	451,140	248,860	<b>9</b>
	<b>Heino Road</b> By-Law 2017-195	2017	390,000	399,105	(9,105)	
<b>Community Development CD Facilities</b>	<b>Sudbury Community Arena Dehumidifiers</b> 2016 Capital Budget	2016	200,000	187,889	12,111	
	<b>MacKenzie Library Roof</b> 2017 Capital Budget	2017	250,000	284,329	(34,329)	

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
<b>Transit</b>	<b>Replacement Buses</b>		2,060,115			
	2016 Capital Budget		1,170,967			
	Insurance Proceeds	2016	<u>3,231,082</u>	3,209,614	21,468	
<b>Community Safety</b>						
<b>EMS</b>	<b>Penless Technology</b>					
	2007 Capital Budget		20,000			
	2008 Capital Budget		15,000			
	2009 Capital Budget		35,000			
	2010 Capital Budget		<u>207,055</u>			
		2007	<u>277,055</u>	147,149	129,906	<b>10</b>
	<b>Medical Equipment - Defibrillators x15</b>					
	2016 Capital Budget	2016	511,268	469,338	41,930	
	<b>Ambulance Type III</b>					
	2017 Capital Budget		465,679			
	Insurance Proceeds		<u>178,041</u>			
		2017	<u>643,720</u>	617,741	25,980	
<b>Corporate Services</b>						
<b>Information Technology</b>	<b>VMWare Cluster Servers and Licensing (Central Site)</b>					
	2017 Capital Budget	2017	300,000	349,445	(49,445)	
<b>Tom Davies Square</b>	<b>Brady Street Stair Repairs at Two Exit Doors</b>					
	2015 Capital Budget	2015	160,000	270,564	(110,564)	<b>11</b>
<b>Fleet</b>	<b>Tandem Multi-Function</b>					
	2016 Capital Budget		1,000,000			
	2017 Capital Budget		1,000,000			
	Insurance Proceeds		<u>256,428</u>			
		2017	<u>2,256,428</u>	2,429,447	(173,019)	<b>12</b>

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
	<b>Garbage Packers</b> 2017 Capital Budget	2017	800,000	628,573	171,427	13
	<b>Fuel System Upgrade</b> 2015 Capital Budget 2017 Capital Budget	2017	75,000 115,000 <hr/> 190,000	<hr/> 324,707	<hr/> (134,707)	14
<b>Cancelled Projects</b>						
<b>Community Development</b>						
<b>Leisure Services</b>	<b>Tractor Attachment</b> 2017 Capital Budget		40,000			15
	<b>Yard Rakes</b> 2017 Capital Budget		30,000			15
	<b>Groomers</b> 2017 Capital Budget		30,000			15
<b>CD Facilities</b>	<b>Minnow Lake Place Roof Repairs</b> 2017 Capital Budget		25,000			16
<b>Transit</b>	<b>Pedestrian Crosswalk Upgrades to Terminal</b> 2017 Capital Budget		25,000			17

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
<b>Corporate Services</b>						
199 Larch Street	<b>Elevator Machine Room Temperature Control</b> 2017 Capital Budget		65,000			18
Tom Davies Square	<b>Building Automation System Control Equipment Upgrade</b> 2015 Capital Budget		125,000			19
	<b>Air Quality Upgrades (190 &amp; 200 Brady) - Design and Installation</b> 2015 Capital Budget		50,000			20
	<b>Electrical Systems - Distribution Audit and Review, Arc + Coord Study</b> 2015 Capital Budget		30,000			21
	<b>Spandrel Connection Review and Thermography for Exterior Walls</b> 2016 Capital Budget		30,000			22
	<b>Stair Repairs and Restoration Phase 2</b> 2017 Capital Budget		150,000			23
<b>Assets</b>						
	<b>Downtown Terminal - Door Upgrade and Replacement</b> 2017 Capital Budget		200,000			24
	<b>Stair Railings and Guards</b> 2017 Capital Budget		15,000			25
<b>Fleet</b>						
	<b>1 Ton Dump</b> 2017 Capital Budget		100,000			26

Division	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
Notes						
						<p>Actual expenditures were lower than budgeted as the variance funds were transferred to fund overexpenditures in the following projects/accounts: Little Panache Lake Bridge (\$185K); Mary Court Garson (\$130K); MR 15 Bridge (\$121K); St. Nicholas (\$84K); Dollard (\$75K); Asphalt Consulting (\$55K); Normand Ave (\$52K); and various other projects. The actual expenses include the City's contribution for Maclsaac Road of \$237K which was funded from the proceeds of sale of Old Burwash Road (per City Council resolution #2010-188). Little Panache Lake Bridge work scope was increased due to additional steel column repairs identified during construction. Mary Court Garson work scope was increased due to site conditions determined during construction. MR15 Bridges work scope was increased during construction due to additional repairs identified during construction and this work is not complete. St Nicholas work scope was increased during construction that was identified to be completed in conjunction with School Board site plan work. Dollard Street original budget estimate was lower than final detailed design estimate and scope was increased during construction due to field conditions. Consultant fees for construction administration and inspection were higher than expected because the level of effort required was greater than anticipated. Normand Avenue work scope was increased due to existing asphalt thickness being less than anticipated.</p>
						<p>Actual expenditures were lower than budgeted due to the number of new subdivisions to receive surface asphalt was lower than expected.</p> <p>The surplus funds were transferred back to Capital Financing Reserve Fund - Roads uncommitted and available for funding of Roads capital projects as approved by Council in the future.</p>
						<p>Actual expenditures were lower than budgeted as portion of the budget were moved to fund deficits in 2015 Traffic System Improvements account (\$17K) as well as the Intelligent Transportation System (\$9K). The remaining surplus was combined with the 2017 budget account for Traffic System Improvements to fund related costs in future years.</p>
						<p>Actual expenditures were lower than budgeted due to the number of new subdivisions to receive surface asphalt was lower than expected.</p> <p>The surplus funds were transferred back to Capital Financing Reserve Fund - Roads uncommitted and available for funding of Roads capital projects as approved by Council in the future.</p>
						<p>Actual expenditures were lower than budgeted as the variance funds were used to fund a deficit in Riverside Bridge account (\$95K) and the remaining surplus was combined with the 2017 budget account for Roads Contingency to fund related costs in future years.</p>

Division	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
6	<p>Actual expenditures are higher than budgeted due to fact that the budgeted scope of work included a 2/3 resurfacing and 1/3 reconstruction of Arvo Avenue based on the anticipated pipe replacement work. During detailed design it was determined that the proposed sections to be resurfaced should instead be reconstructed to accommodate the pipe trenches and provide a better long term road structure. The additional costs to reconstruct the road were allocated to the watermain and sanitary sewer accounts accordingly. As well, there was additional watermain replacement required within the construction limits, in excess of the original budget estimate.</p> <p>The overexpenditure has been funded from the following projects: Lamothe Street (\$100K); Moonlight Avenue (\$85K); and MacLachlan Street (\$45K).</p>					
7	<p>Actual expenditures are lower than budgeted due to reduction in scope with the intention of requesting additional funding in future budgets to execute full extent of the scope.</p> <p>The underexpenditure has been used to fund overexpenditures in the following projects: Former Transit Depot Garage (\$200K) as per Finance &amp; Administration Committee Report presented on July 11, 2017 in order to fund retrofits to the former Transit Depot Garage and Administration building to accommodate permanent storage requirements and temporary administration facilities; Onaping Wells (\$78K); as well as the 2017 Well Building Upgrades account (\$15K) which was offset by transfer of surplus funds from Ramsey Lake Outfall account (\$213K).</p>					
8	<p>Actual expenditures are higher than budgeted due to unanticipated excavation work required in certain locations to accommodate the lining process and subsequent reinstatement of those excavations.</p> <p>The overexpenditures has been funded from Consultant Sewer System (\$47K) and from Access Road (\$41K).</p>					
9	<p>The budget estimate was derived as part of the associated Environmental Assessment and was a high level estimate, which included for some significant unknowns. During the detailed design, the scope was reduced due to the elimination of some of the unknowns, which reduced the project costs. Also, at the time of tendering the price came in significantly lower.</p> <p>The surplus from the underexpenditures were transferred to fund overexpenditures in the following projects: Sudbury WWTP Headhouse project (\$45K); Heino Road (\$9.1K); with the remaining amount transferred to the Capital Financing Reserve Fund - Wastewater that can be used for future projects.</p>					
10	<p>Actual expenditures were lower than budgeted due to changing demand for penless technology within Paramedic Services and the ability to leverage a single technology provider to meet the Services on-going needs. Another contributing factor was the ability to negotiated favourable pricing with the existing vendor.</p> <p>The surplus was transferred to the Capital Financing Reserve Fund - Emergency Medical Services (EMS) Uncommitted that will be used for future EMS related capital projects when approved by Council.</p>					

Division	Project Description	Year Started	Total Original Budget	Final Cost	Variance	Notes
11	<p>Actual expenditures were higher than budgeted due to site conditions (existing concrete deterioration) due to use of salt, and the base tender bid results came in over budget.</p> <p>The overexpenditure were funded from the following projects: Automation System (\$79K); Structural Report Repairs (\$15K); and Assets Contingency (\$15K).</p>					
12	<p>Actual expenditures were higher than budgeted due to price estimates/budgets which are largely based on purchase prices from previous years. Prices of heavy equipment are greatly influenced by the US dollar (USD) exchange rates and the most recent purchase of this type of unit was in 2015 when the USD conversion rate was \$1.25. When the units were tendered in 2017, the rate for the USD was approximately \$1.35, causing average truck prices to rise approximately 8%. The variance in this case was 7.6%</p> <p>The overexpenditures were funded from the following projects: Fleet Management Software (\$70K); Wheel Loader (\$35K); Hybrid Cars (\$32K); Trackless MT5 (\$19K); Vans (\$6K); and various other projects.</p>					
13	<p>Actual expenditures were lower than budgeted due to the fact that price estimates and therefore budgets are largely based on purchase prices from previous years. In this case, no new Packers had been purchased since 2007 and the budgeted estimate tried to accommodate for the increase in market prices over 10 years. In this case the variance was well under budget. With this more recent price information, the 2018 and 2019 estimates versus actuals will be much more accurate.</p> <p>The underexpenditures were used to fund the following projects: Fuel System Upgrades (\$140K); and Trackless MT5 (\$7K) and remaining surplus to be distributed before the 2018 year end.</p>					
14	<p>Actual expenditures were higher than budgeted due to the fact that a fuel system failure at St. Clair site required an increase in project scope in order to satisfy operational and environmental concerns.</p> <p>The overexpenditures were funded from the Garbage Packers (\$140K) and offset by transfer to fund overexpenditures for Zamboni (\$4K).</p>					
15	<p>These projects were cancelled to fund the purchase of a Loader as the old Loader equipment failed, was no longer able to be repaired and presented potential safety issues with simply repairing. Loader is a essential piece of equipment to provide Park services.</p>					

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
16	<p>This project was cancelled to provide additional funding required for the Lively Citizen Service Centre Roof project and the Health &amp; Safety Retrofits account. Roof repairs for the Minnow Lake Place is still required and will be included in a future budget request.</p> <p>The funds were used to fund overexpenditures in the following accounts: Lively Citizen Service Centre Roof (\$16K) and Health and Safety Retrofits (\$9K).</p>					
17	<p>The project was cancelled as these funds were not required to complete the work carried out by the Roads division.</p> <p>The funds were used to fund overexpenditures in the Transit Branding account.</p>					
18	<p>This project was cancelled as this work was completed and funded within an operating account.</p> <p>The funds will be used to fund anticipated overexpenditures in an HVAC account.</p>					
19	<p>This project was cancelled due to Occupational Health &amp; Safety (OH&amp;S) reasons with the three major construction projects on-going at TDS in 2017 &amp; 2018, and that the current account has insufficient funds available to complete the scope. This work is still required, but will be prioritized with other mechanical work at TDS and included in a future budget.</p> <p>The funds were used to fund overexpenditures in the following accounts: Elevator Upgrades (\$46K); and Exterior Stairs (\$79K).</p>					
20	<p>Funds for this project was cancelled as costs for Air Quality were incurred within another existing account (with a portion of this budget transferred to fund those costs).</p> <p>The funds were used to fund overexpenditures in the Air Quality Upgrades account (\$12K) with the remainder transferred back to the Capital Financing Reserve Fund - Buildings which was used as funding for new projects in the 2018 Capital Budget as approved by Council.</p>					
21	<p>Funds for this project was cancelled due to the work being completed within another existing account (with a portion of this budget transferred to fund those costs).</p> <p>The funds were used to fund overexpenditures in the Electrical Distribution Harmonization account (\$17K) with the remainder transferred back to the Capital Financing Reserve Fund - Buildings which was used as funding for new projects in the 2018 Capital Budget as approved by Council.</p>					

<b>Division</b>	<b>Project Description</b>	<b>Year Started</b>	<b>Total Original Budget</b>	<b>Final Cost</b>	<b>Variance</b>	<b>Notes</b>
	Funds for this project was cancelled due to being completed within budget from a different existing account.					
<b>22</b>	The funds were transferred back to the Capital Financing Reserve Fund - Buildings which was used as funding for new projects in the 2018 Capital Budget as approved by Council.					
	This project is being reviewed and will be included in a future budget year. Additional funds were required for the on-going TDS Courtyard project and were required to be reallocated.					
<b>23</b>	The funds were transferred back to the Capital Financing Reserve Fund - Buildings, which was used as funding of additional funds for TDS courtyard in the 2018 Capital Budget as approved by Council.					
	The funds were not fully required as staff reviewed options for sliding and revolving doors, and decided upon replacement of existing sliding doors due to nature of patron flow. The work was completed within another existing account for the terminal (with a portion of this budget transferred to fund these costs).					
<b>24</b>	The funds were used to fund overexpenditures in the following accounts: Transit Terminal Improvements (\$39K to fund the reduced scope of door replacement); LEL Centre HVAC (\$32K); Elevator Upgrades (\$19K); Building Condition Assessments (\$12K); and various other projects. There was a remaining amount of \$85K that was transferred back to the Capital Financing Reserve Fund - Buildings that was used as funding for new projects in the 2018 Capital Budget as approved by Council.					
	The funding for this project was cancelled as the work was completed by the LEL operating department and funded within an existing operating account.					
<b>25</b>	The funds were used to fund overexpenditures in the Elevator Upgrades account.					
	This project was postponed until the 2018 Capital Budget to fund a potential deficit in 1/2 Ton Pickups. It was included in the 2018 Capital Budget approved by Council.					
<b>26</b>	The funds were used to fund overexpenditures in the following accounts: 1/2 Ton Pickups (\$50K); and 3/4 Ton Pickup Trucks (\$50K).					