

## For Information Only

### Annual Capital Status Update Report - 2020

Presented To: Finance and  
Administration  
Committee

Presented: Tuesday, Nov 03, 2020

Report Date Friday, Oct 16, 2020

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

This report provides the status of outstanding capital projects as of June 30, 2020.

#### Financial Implications

This report has no financial implications.

#### Signed By

**Report Prepared By**

Apryl Lukezic  
Co-ordinator of Budgets  
*Digitally Signed Oct 16, 20*

**Manager Review**

Steve Facey  
Manager of Financial Planning &  
Budgeting  
*Digitally Signed Oct 19, 20*

**Division Review**

Ed Stankiewicz  
Executive Director of Finance, Assets  
and Fleet  
*Digitally Signed Oct 19, 20*

**Financial Implications**

Steve Facey  
Manager of Financial Planning &  
Budgeting  
*Digitally Signed Oct 19, 20*

**Recommended by the Department**

Kevin Fowke  
General Manager of Corporate  
Services  
*Digitally Signed Oct 21, 20*

**Recommended by the C.A.O.**

Ed Archer  
Chief Administrative Officer  
*Digitally Signed Oct 21, 20*

## **Background**

Governments at all levels own, lease or control an array of assets in order to deliver services to citizens. The amounts and timing of capital investments are among the most important decisions a governing body will make. A policy for informing decisions about capital spending decisions increase the assurance they reflect transparent, consistent steps that reflect community priorities, financial plans and reliable performance data.

As investments are being made, information about the progress of capital projects is also desirable so that adjustments or changes to planned activities can be made in a timely fashion.

## **Analysis**

The Capital Budget Policy aligns capital budgeting practices with the principles described in the Asset Management Strategy and the long-term perspective anticipated by the Long Term Financial Plan. The Policy provides City Council with more control over capital project selection and increases transparency and accountability for results.

The policy enhances information about project spending and the attached report is a result of the approval of the policy.

The summary of all completed and cancelled Capital projects was presented at the Finance and Administration Committee Meeting on September 15<sup>th</sup>, 2020. The Completed Capital Projects Report for December 2020 will be included with other year-end reports and to be presented in May 2021. The Holding Account Reserves activity report was also presented at the Finance and Administration Committee Meeting on September 15<sup>th</sup>, 2020.

## **Summary as of June 30, 2020**

The chart on the next page provides a summary of all capital projects by department for amount spent to date, project budget, remaining budget (excluding PO's), and estimated surplus/deficit. With the upcoming year end, there will be adjustments to establish proper budgets for accounts within programs or any other adjustments needed.

The projected surplus amount presented is based on the best information as of the time of this report. The ultimate realization of the surplus may differ. Any surpluses may be available to return to reserves to offset deficits in other capital projects or to fund new capital projects in future budgets.

Department	Project Actuals	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit
<b>CAO &amp; Communications</b>	<b>3,860,648</b>	<b>103,265,898</b>	<b>99,405,250</b>	<b>74,101</b>
Communications	7,194	66,300	59,106	-
Event Center	2,479,248	100,454,834	97,975,586	
Library	727,700	2,074,764	1,347,064	74,101
The Junction	646,506	670,000	23,494	
<b>Community Development</b>	<b>13,885,164</b>	<b>35,381,311</b>	<b>21,496,147</b>	<b>1,265,236</b>
CD Facilities	1,004,186	5,519,040	4,514,855	412,641
Cemetery	233,782	729,039	495,258	19,653
Housing Services	40,075	61,750	21,675	21,675
Leisure Services	4,969,052	13,452,671	8,483,619	566,887
Pioneer Manor	414,026	705,800	291,773	1,800
Transit Services	7,224,044	14,913,011	7,688,967	242,580
<b>Community Safety</b>	<b>2,960,342</b>	<b>10,061,216</b>	<b>7,100,874</b>	<b>146,222</b>
Emergency Plan and Strategy Services	3,365	380,000	376,635	-
Fire Services	1,188,738	6,720,965	5,532,227	(17,515)
Paramedic Services	1,768,240	2,960,251	1,192,012	163,738
<b>Corporate Services</b>	<b>24,947,543</b>	<b>46,802,041</b>	<b>21,854,498</b>	<b>1,108,880</b>
199 Larch	458,652	1,586,242	1,127,590	62,446
Administration	447,328	971,423	524,095	(1,455)
Assets	2,730,291	3,733,583	1,003,292	165,358
Energy Initiatives	-	6,689,871	6,689,871	
Fleet Services	3,314,635	5,683,653	2,369,018	228,130
Information Technology	2,841,710	9,030,147	6,188,436	200,917
Parking	446,312	616,076	169,763	(10,961)
Tom Davies Square	14,708,613	18,491,045	3,782,432	464,444
<b>Growth &amp; Infrastructure</b>	<b>202,392,701</b>	<b>403,454,118</b>	<b>201,061,416</b>	<b>435,244</b>
Bridges	21,021,569	53,456,218	32,434,648	350,000
Drains	13,982,274	33,646,722	19,664,448	22,651
Environmental Services	4,706,666	8,216,439	3,509,773	111,362
Planning	765,365	1,681,631	916,265	42,633
Roads	161,916,827	306,453,109	144,536,282	(91,402)
<b>Wastewater</b>	<b>43,208,890</b>	<b>107,134,460</b>	<b>63,925,570</b>	<b>476,149</b>
Wastewater Linear	16,291,063	40,438,301	24,147,238	500,978
Wastewater Plants	26,917,827	66,696,158	39,778,331	(24,829)
<b>Water</b>	<b>30,509,205</b>	<b>110,151,081</b>	<b>79,641,876</b>	<b>557,762</b>
Water General	1,237,769	21,561,894	20,324,125	-
Water Linear	19,928,673	57,874,845	37,946,172	537,182
Water Plants	9,214,308	29,785,815	20,571,507	
Water Works	128,455	928,527	800,073	20,580
<b>Grand Total</b>	<b>321,764,493</b>	<b>816,250,125</b>	<b>494,485,632</b>	<b>4,063,595</b>

Please note the report shows total budget, total remaining budget and projected/surplus deficit based on all funding sources including grants, contributions and debt financing.

The following provides a high level view of key projects by department.

**The CAO's Office** - \$99.4 million in remaining budget with the majority of this belonging to the Event Centre for \$97.9 million

**Community Development** - \$21.4 million in remaining budget including larger projects:

- Dowling Leisure Centre Roof - \$1.2 million
- Howard Armstrong Recreation Centre - \$1.8 million
- Replacement Buses - \$6.5 million
- Work continues on facilities totaling \$4.5 million

**Community Safety** has \$7.1 million in remaining budget with a focus on:

- Ladder Truck - \$1.5 million
- Fire Engine - \$2.6 million

**Corporate Service** has \$21.8 million in remaining budget including:

- Building related projects - \$4.9 million including \$2.1 million for electrical services gear at Tom Davies Square
- Information Technology \$6.2 million to support ongoing initiatives including the CRM System for \$1.7 million and LMIS Phase 1 for \$1.5 million

**Growth and Infrastructure** has \$201 million in remaining budget including:

- Major bridge rehabilitation initiatives - \$32.4 million
- Road network investments - \$144.5 million – over 100 projects including \$25.4 million for MR 35, \$8.5 million for the completion of the Maley Drive project, \$8.8 million for Lorne Street/MR55, \$4.0 million in cycling infrastructure, and \$5.7 million for Silver Hills Phase 2

**Water/Wastewater** has \$143.5 million of remaining budget including:

- Linear work totals \$62 million
- Lift station projects of \$11.8 million
- Wastewater treatment plant work of \$39.7 million
- Water treatment plants totaling \$20.5 million

## Project Details

This report includes the following:

1. Capital Projects Status Update (Appendix A) which detail all outstanding capital projects and a brief comment on status (when completion is anticipated, expected final surplus/deficit, etc).
2. Large Capital Projects Status Update (Appendix B) for larger projects (over \$3.0 million for Roads, Water and Wastewater and over \$1.0 million for all other Departments), a complete commentary is presented that details project highlights, accomplishments, expected timeline to completion, funding sources, etc. The format used follows the presentation for capital projects in the Budget Document.

The budget amount shown on this report will be used in all future reports to Council to determine surplus or deficit. The project budget amounts may change for reallocations within programs, transfers from the respective Holding Account reserve or respective reserve fund or any other Council or external funding approvals.

## **Conclusion**

This report summarizes the status of capital projects as of June 30, 2020 and provides the increased transparency and accountability per the Capital Budget Policy.

Appendix A - Capital Projects Status Update as at June 30, 2020

Purpose: Listing of active capital projects with a remaining budget that is unspent as of June 30, 2020. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2020 and future years.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
CAO & Communications	Event Center	Construction Costs	2,479,248	100,454,834	97,975,586.01		Unknown	<a href="#">See Detailed Report</a>
CAO & Communications	The Junction	The Junction	646,506	670,000	23,494.00		Unknown	<a href="#">See Detailed Report</a>
CAO & Communications	Communications	Customer Service Strategy Impl	7,194	66,300	59,106.03	-	December 2022	Implementation continues to move forward. The new CRM system and resident self-service portal are expected to launch later this year. Due to COVID-19, we are also exploring a new model for online delivery of staff customer service training and work is underway for a "One Stop Shop" service counter at City Hall that will streamline in-person customer service. An update with further details was presented to City Council on Tuesday, October 6.
CAO & Communications	Library	Historical Database-Licence	39,435	57,000	17,564.54	-	December 31, 2020	Historical Database licensing fees due on an annual basis. This will be included in future Operating Budgets.
CAO & Communications	Library	Energy Retrofits	38,966	52,838	13,871.40	-	June 1, 2021	The pandemic has slowed down the progress of a few projects but there are lighting and energy retrofits to be completed in Coniston, Main and Dowling Libraries
CAO & Communications	Library	Library Shelving	2,284	74,130	71,845.58	-	December 31, 2021	Work is ongoing to enhance and improve shelving in multiple branches. Re-opening to the public under a pandemic has forced a re-think on many of the projects as well as Integrated Accessibility Standards (AODA)
CAO & Communications	Library	Children's Area Renovations	14,321	74,206	59,884.84	-	December 31, 2021	Furniture, shelving and chairs to create welcoming spaces and promote play-based learning.
CAO & Communications	Library	Anderson Farm	44,139	50,245	6,105.61	6,106	June 2017	Completed
CAO & Communications	Library	City Museums - Repairs	1,894	20,000	18,105.99	-	April 30, 2021	Quotes obtained in Q3 with anticipated start date of repairs in Q4.
CAO & Communications	Library	Flour Mill Museum - Relocation	26,736	28,180	1,443.89	-	April 30, 2021	The remainder of the budget will assist with repairs.
CAO & Communications	Library	Landscaping & Exterior Repairs	961	38,043	37,082.52	-	December 31, 2022	Work and planning is ongoing to make our facilities more inviting as well as meeting CPTED and AODA requirements. Partnerships with the Active Transportation Co-ordinator has led to bicycle Repair Stations and Bike Racks throughout the City with future projects still in the planning stages.
CAO & Communications	Library	Capreol CSC - Boiler	123,103	123,478	375.03	375	October 2019	Completed
CAO & Communications	Library	Anderson Farm	33,981	425,000	391,018.55	-	April 30, 2021	With COVID, Arch was delayed from 2020Q2; drwgs rec'd Aug 2020. Being tendered Sept 2020, work to begin Oct 2020, with remainder of work to be completed late Spring 2021.
CAO & Communications	Library	Flour Mill Museum Office	-	500,000	500,000.00	-	December 1, 2021	Obtaining more information on best practices for Museum storage and work areas in light of potential partnership raised by a Councillor.
CAO & Communications	Library	NORM - Garage Replacement	-	80,000	80,000.00	-	2021-Q2	Arch finalizing drawings, being tendered Sept 2020
CAO & Communications	Library	NORM - Retaining Wall	-	75,000	75,000.00	-	2021-Q2	Structural and Bldg Code issues require revised scope. Consultants working on revised scope of work. Update to required budget to follow in Q4. Drawings expected late October. Tender in Q4 (pending budget confirmation). Work to be completed in 2021-Q2.
CAO & Communications	Library	Lively Citizen Service Centre	390,371	457,991	67,620.56	67,621	December 2019	Roof Project is complete in partnership with Leisure Services

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CAO & Communications	Library	MacKenzie Library	11,508	18,653	7,144.99	-	December 31, 2020	Fence to meet CPTED recommendations.
		<b>CAO &amp; Communications Total</b>	<b>3,860,648</b>	<b>103,265,898</b>	<b>99,405,250</b>	<b>74,101</b>		
Community Development	CD Facilities	Mould Remediation	876	12,760	11,883.76	-	June 2020	Emergency draw from holding, completed in June 2020
Community Development	CD Facilities	DSS & BCA Reports- Various	44,331	775,000	730,668.54	-	2022 Q4	Low bidder declined to sign contract, next low bidder was assigned in July 2020. FCAPX now on site performing reviews.
Community Development	CD Facilities	BAS - 1160 Lorne	63,697	465,000	401,302.57	373,805	November 2020	Work 90% completed
Community Development	CD Facilities	AODA Assessment & Reports	-	1,050,000	1,050,000.00	-	2022 Q4	<a href="#">See Detailed Report</a>
Community Development	CD Facilities	Naughton Salt Dome Demo	46,769	47,000	230.89	(583)	December 2019	Completed Dec 2019
Community Development	CD Facilities	Arena Upgrades	121,766	138,492	16,726.00	(634)	October 30, 2020	Sudbury Arena - Lobby Roof repair - Work in progress
Community Development	CD Facilities	Bell Park Boardwalk	200,233	227,461	27,227.58	-	September 30, 2021	Jim Gordon boardwalk upgrades and repairs. Delayed due to Covid19
Community Development	CD Facilities	Accessibility	15,030	94,233	79,202.57	-	2021-22	Work to follow recommendations in AODA reports commissioned by Assets
Community Development	CD Facilities	Therapeutic Pool	-	300,000	300,000.00	-	Unknown	Council approval and additional fund required to initiate this project.
Community Development	CD Facilities	Energy Retrofits	6,538	131,355	124,817.30	-	2021-22	Planning phase- Arena plant retrofits and community centre/facility energy upgrades.
Community Development	CD Facilities	HARC Roof	10,890	20,840	9,950.12	-	December 2019	Completed
Community Development	CD Facilities	Chelmsford Arena - Drainage	42,545	149,532	106,986.54	-	June 2020	Completed in June 2020
Community Development	CD Facilities	SudburyArena-Structural Repair	58,040	98,000	39,959.87	39,960	December 2019	Completed
Community Development	CD Facilities	TD Arena - Door Replacement	21,646	25,212	3,565.96	-	Q4 2020	Work in progress
Community Development	CD Facilities	Various Pools - HVAC Replace	16,950	271,817	254,866.89	-	Q2 2021	Design for Nickel District and Gatchell completed. ND will be future budget request, Gatchell will be tendered in Sept 2020 for work start Oct 2020, completed for 2021Q2.
Community Development	CD Facilities	TD Arena-Vent. Improvement	32,382	163,922	131,539.50	-	November 2020	Work began on site, equip due to arrive Sept 2020, work anticipated to be completed Nov 2020.
Community Development	CD Facilities	Arena Exhaust Systems	23,649	60,000	36,351.36	-	Q2 2021	Work in progress
Community Development	CD Facilities	Arenas-Mech. & Inter. Upgrades	92,843	94,742	1,899.95	-	Q1 2021	Work in progress
Community Development	CD Facilities	CSC-Interior&Privacy Retrofits	18,937	25,000	6,062.66	-	Q2 2021	Work in progress
Community Development	CD Facilities	Facility Shower Upgrades	24,850	50,000	25,149.99	-	Q2 2021	Work in progress
Community Development	CD Facilities	Leisure Facility Septic System	21,693	40,000	18,306.96	-	Q3 2021	Work in progress
Community Development	CD Facilities	Various Engineering Studies	12,721	37,097	24,376.05	-	Q3 2021	Work in progress
Community Development	CD Facilities	Health and Safety - Retrofits	91,485	91,578	92.45	92	Completed	Completed
Community Development	CD Facilities	Point Source Diesel Emission	36,313	800,000	763,686.99	-	2021 Q3	Work in Progress
Community Development	CD Facilities	Van Horne HVAC	-	350,000	350,000.00	-	2021-Q3	Work in Progress
Community Development	Cemetery	Maplecrest Landscaping	96,096	82,608	(13,488.24)	(13,488)	April 2020	Completed April 2020
Community Development	Cemetery	Civic Memorial-Roof Repairs	11,974	65,000	53,026.50	35,142	April 2020	Completed April 2020
Community Development	Cemetery	Civic Memorial - HVAC	81,956	81,431	(525.00)	(2,000)	November 2019	Completed November 2019
Community Development	Cemetery	Cemetery Monument Repairs	43,756	50,000	6,244.39	-	Q3 2021	Work in progress, Covid delayed project completion until 2021.
Community Development	Cemetery	Civic Cemetery Mausoleum	-	450,000	450,000.00	-	December 2020	Work on going, due to be completed in Dec 2020 (weather depending).
Community Development	Leisure Services	Spreader	-	5,000	5,000.00	-	Q2 2021	Deferred
Community Development	Leisure Services	Trimmer	-	5,000	5,000.00	-	Q2 2021	Deferred
Community Development	Leisure Services	Mower	-	5,000	5,000.00	-	Q2 2021	Deferred
Community Development	Leisure Services	Utility Truck	18,072	18,904	831.74	832	Completed	Completed. Surplus to be moved back to Parks Equipment Reserve Fund
Community Development	Leisure Services	Trimmer	-	10,000	10,000.00	-	Q2 2021	Deferred
Community Development	Leisure Services	Ride On Lawn Equipment	-	30,000	30,000.00	-	Q2 2021	Deferred
Community Development	Leisure Services	Rheal Belisle Centre	24,036	24,227	191.61	192	Completed	Completed
Community Development	Leisure Services	Junction Cr Waterway Park	118,128	246,949	128,821.80	-	Q4 2021	Work in progress
Community Development	Leisure Services	Kalmo Beach	4,472	5,000	528.13	-	Q2 2021	Work in progress - Grant - Sudbury Community Foundation
Community Development	Leisure Services	Azilda Dog Park	-	656	656.38	-	2021-22	Donation from group

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Community Development	Leisure Services	Minnow Lake Dog Park	48,823	52,420	3,596.74	-	2021-22	Donation from group
Community Development	Leisure Services	Adanac Skill Hill Lift	2,038,640	2,299,925	261,285.58	-	November 2020	SRS on site constructing new pump building. Due to complete Nov 2020
Community Development	Leisure Services	Playground/Outdoor Rinks	81,897	106,968	25,070.32	-	Q4 2020	Work in progress - South End Dog Park
Community Development	Leisure Services	McLean Park Upgrade	51,576	56,000	4,423.67	-	Q4 2020	Work in progress. CFRF-Leisure Services Committed for McLean Playground
Community Development	Leisure Services	Lively Ski Hill	-	2,894	2,893.77	-	2021-22	Donation from group
Community Development	Leisure Services	Upgrade/BikePath/CommTrails	38,720	91,936	53,215.75	-	2021-22	Planning phase -Improvements/upgrades to various trail connectors.
Community Development	Leisure Services	Lonsdale PlaygroundAssociation	-	3,000	3,000.00	-	2021-22	Donation from group
Community Development	Leisure Services	Korpela Plygrnd-Bayridge Neigh	4,292	5,585	1,292.64	-	2021-22	Donation from Korpela -Bayridge playground association
Community Development	Leisure Services	Farmdale Playgroud	1,823	7,759	5,935.80	-	2021-22	Farmdale playground association donation
Community Development	Leisure Services	Playground/Outdoor Rinks	93,800	161,400	67,599.78	-	Q4 2021	Various Playgrounds upgrade
Community Development	Leisure Services	Sports Field Upgrades	111,881	157,601	45,719.34	-	Q4 2021	Various Sports field fencing repairs
Community Development	Leisure Services	Moonlight Beach Upgrades	45,188	75,000	29,812.11	-	Q4 2020	Work in progress - Closing phase
Community Development	Leisure Services	Outdoor Court Resurfacing	44,288	70,348	26,059.40	-	2021-22	Various outdoor court resurfacing
Community Development	Leisure Services	Elgin Street Greenway	-	467,000	467,000.00	-	2021-22	Additional funding and direction is required to advance project as federal/provincial government grants have not been approved.
Community Development	Leisure Services	Val Caron Splash Park	108	50,000	49,892.00	-	2021-22	Fund raising in progress
Community Development	Leisure Services	Delki Dozzi Splash Park	4,777	150,000	145,222.94	-	2021-22	Delayed due to additional funding required.
Community Development	Leisure Services	Azilda Splash Park	2,362	119,597	117,234.97	-	Q4 2020	Consitruction in progress
Community Development	Leisure Services	Copper Cliff Splash Pad	-	50	50.00	-	2021-22	Community Donation for copper cliff Splash Pad Completed. Surplus to be returned to HCI account.
Community Development	Leisure Services	Twin Fork Splash Pad	1,147	130,991	129,844.59	100	Completed	
Community Development	Leisure Services	Selkirk Park	71,636	80,000	8,364.20	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	East Street Tot	71,263	80,000	8,737.00	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Howard Armstrong Sport Complex	74,261	80,000	5,739.00	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Cote Park	73,200	80,000	6,800.00	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Columbus Tot Lot	66,774	70,000	3,225.99	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Algoma Tot Lot	332	70,000	69,668.50	-	October 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Cedar Park Playground	3,342	100,000	96,658.50	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Doug Mohns Sports Complex	776	100,000	99,224.38	-	October 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Queens Athletic Sports Complex	32,730	100,000	67,269.67	-	October 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Participation Tot Lot	532	70,000	69,468.50	-	October 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Birch Tot Lot	35,758	70,000	34,241.68	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Eyre Playground	14,057	70,000	55,943.50	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	McMillan Tot Lot	10,992	70,000	59,008.10	-	Complete	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Catherine Park	87,853	70,000	(17,852.80)	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Paquette Tot Lot	67,269	70,000	2,731.00	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Russell Beaudry Park	6,420	100,000	93,579.94	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Ravine Park	2,032	70,000	67,968.50	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Meatbird Park	689	100,000	99,311.38	-	Project cancelled and will be used for other playgrounds	
Community Development	Leisure Services	Ray Street Tot Lot	70,107	70,000	(107.45)	-	Completed	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Project Costs	1,386	38,142	36,755.54	-	October 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Fitness Equipment	29,321	30,000	679.00	-	Complete	Completed
Community Development	Leisure Services	Dowling Leisure Centre Roof	16,125	1,250,000	1,233,875.00	600,000	December 2020	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Terry Fox Field Turf	329,745	264,214	(65,530.33)	(65,530)	Completed	Completed
Community Development	Leisure Services	Arena Ammonia Audits	8,500	119,000	110,500.00	-	Q1 2021	Work in progress
Community Development	Leisure Services	HARC - Building Envelope	458,131	2,250,000	1,791,868.96	-	December 2021	<a href="#">See Detailed Report</a>
Community Development	Leisure Services	Pool Security Upgrades	15,109	45,000	29,891.00	-	Q3 2021	Work in progress - Onaping pool and additional camera system at HARC. Camera system installed at NDP, RG Dow, HARC.
Community Development	Leisure Services	Terry Fox Complex Parking Lot	-	344,200	344,200.00	-	2021-22	Work in progress

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Purpose: Listing of active capital projects with a remaining budget that is unspent as of June 30, 2020. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2020 and future years.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Community Development	Leisure Services	St. Joseph's Parking Phase 2	30,018	446,000	415,981.72	-	2020-21	Work in progress. Engineering for entrance sign delayed. Additional landscaping completed. Quotations for pre cast curbing received. Delayed due to COVID19
Community Development	Leisure Services	Victory Payground Field House	208,933	277,302	68,368.65	50,000	Q4 2020	Additional work required to repair leaky rook which wasn't part of the original scope of the project.
Community Development	Leisure Services	Roof Leak at McClelland Arena	-	30,000	30,000.00	15,039	April 1, 2020	Completed
Community Development	Leisure Services	Sud Arena AcrylicGlass&SoftCap	197,747	190,300	(7,447.00)	(7,447)	Completed	Completed. Overage due to additional penanly box Acrylic required
Community Development	Leisure Services	Valley East Twin Pad	-	227,000	227,000.00	-	Q3 2021	Work in progress
Community Development	Leisure Services	Sudbury Arena Chiller	-	190,000	190,000.00	(27,250)	Q1 2021	Work in Progress. Tender came in higher than estimates. Delayed due to COVID19.
Community Development	Leisure Services	Arena Safety Upgrades	104,868	104,000	(868.31)	(868)	Completed	Completed
Community Development	Leisure Services	Junction Creek Lighting	-	182,100	182,100.00	-	Q4 2021	Work in progress - Electrical design and drawing specification
Community Development	Leisure Services	Park Equipment	-	130,000	130,000.00	-	Q3 2021	Deferred
Community Development	Leisure Services	Ward 1	3,728	124,987	121,258.16	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 2	3,500	103,631	100,131.39	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 3	18,154	94,827	76,672.99	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 4	6,554	82,523	75,968.92	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 5	5,870	98,626	92,755.55	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 6	4,370	96,176	91,806.16	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 7	2,500	72,286	69,785.57	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 8	3,700	86,559	82,859.09	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 9	2,500	127,333	124,832.82	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 10	2,500	113,513	111,012.92	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 11	2,500	140,812	138,312.44	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	Ward 12	3,800	112,491	108,691.14	-	2021-22	Work in progress - various projects and grants
Community Development	Leisure Services	McClelland Arena	21,980	23,800	1,820.18	1,820	Completed	Completed
Community Development	Pioneer Manor	Bed Redevelopment	379,832	450,272	70,439.48	-	Dependent on Council's direction	A Capital Business Case is being submitted for consideration during 2021 budget process. There will be additional architect fees to be paid if stopped and not going forward, deficit would be \$50,000-\$60,000
Community Development	Pioneer Manor	Tub Lifts	34,194	36,000	1,806.00	1,800	Completed	Completed
Community Development	Pioneer Manor	Transformer Upgrades	-	30,528	30,528.00	-	Either late 2020 or Spring 2021 depending on Covid 19	In progress - postponed due to Covid 19
Community Development	Pioneer Manor	Boiler Replacement	-	30,000	30,000.00	-	December 1, 2020	60% complete balance will be done by end of December delays due to Covid 19
Community Development	Pioneer Manor	Floor Lifts	-	39,000	39,000.00	-	Completed	Completed
Community Development	Pioneer Manor	Sprinklers	-	120,000	120,000.00	-	December 1, 2020	Tender just awarded should be complete before year end
Community Development	Transit Services	Accelerated Rebuild	1,334,477	1,350,000	15,522.87	15,523	March 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Light Fleet	101,301	100,000	(1,301.27)	1,301	Completed	Completed in Q2 - 2020
Community Development	Transit Services	Replacement Buses	-	6,540,000	6,540,000.00	-	April 1, 2021	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Route Optimization Study	700,010	1,075,000	374,989.57	-	March 1, 2022	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Garage Improvements	281,734	338,686	56,952.55	56,953	Q2 2021	Plan with Transit Asset Services division for additional spending to bus wash improvements
Community Development	Transit Services	Transit Branding	469	101,480	101,011.61	101,012	Complete	Completed
Community Development	Transit Services	Garage Improvements	3,520,087	3,537,580	17,492.81	17,493	March 31, 2020	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Terminal Improv - Elm St	1,275,728	1,276,264	535.97	536	Completed	<a href="#">See Detailed Report</a>
Community Development	Transit Services	Rebuilds	10,237	60,000	49,763.20	49,763	Completed	Recent spend on a rebuild was performed during Q3 2020 and project is now complete

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Community Development	Transit Services	Bus Rapid Transit Corridors	-	262,000	262,000.00	-	Under funding guidelines	ICIP funding was confirmed in July 2020. Project spending is expected to commence in Q1 2021.
Community Development	Transit Services	Major Mobility Hubs	-	272,000	272,000.00	-	Under funding guidelines	ICIP funding was confirmed in July 2020. Project spending is expected to commence in Q1 2021.
Community Development	Housing Services	Housing Registry System	40,075	61,750	21,675.40	21,675	December 31, 2020	Phase 2 going live Nov 2, 2020
Community Development	Leisure Services	Green Space	63,460	178,639	115,178.77	-	Undetermined	Funding was allocated to purchase properties identified in the Green Space Advisory Panel report. Properties are acquired as they become available.
<b>Community Development Total</b>			<b>13,885,164</b>	<b>35,381,311</b>	<b>21,496,147</b>	<b>1,265,236</b>		
Community Safety	Fire Services	Records Management System	166,655	206,609	39,954.19	(40,000)	December 31, 2020	Remaining funds are committed to a mandatory CAD upgrade with GSPS. Total upgrade is \$80,000 - remaining \$40,000 to come from holding account.
Community Safety	Fire Services	Station Generator	152,904	172,510	19,605.98	19,606	March 31, 2020	Project is completed and remaining funds can be returned to the holding account
Community Safety	Fire Services	Personal Protective Equipment	400,733	646,718	245,985.19	-	December 31, 2022	Funds committed to purchased bunker gear. Major purchases of volunteer gear to be done in 2021.
Community Safety	Fire Services	Ladder Truck	32,690	1,526,926	1,494,235.92	-	December 31, 2020	<a href="#">See Detailed Report</a>
Community Safety	Fire Services	Specialized Firefighting Equip	195,934	214,627	18,693.43	-	December 31, 2020	Remaining funds will be allocated prior to the end of 2020 with purchases of required specialized firefighting equipment.
Community Safety	Fire Services	Training Vehicle & Equipment	43,933	46,750	2,817.43	2,817	December 31, 2020	Project is nearly complete with remaining funds to be returned to the holding account.
Community Safety	Fire Services	Training Equipment	45,950	52,196	6,246.31	-	December 31, 2020	Remaining monies to fund tower fireproof tile replacement.
Community Safety	Fire Services	Bunker Gear	149,939	150,000	61.30	61	March 31, 2020	Project completed - move remaining funds to holding account
Community Safety	Fire Services	Fire Engine	-	2,630,484	2,630,484.39	-	March 1, 2021	<a href="#">See Detailed Report</a>
Community Safety	Fire Services	Fire Tanker	-	701,000	701,000.00	-	December 1, 2020	Currently being constructed
Community Safety	Fire Services	Hazmat Vehicle	-	100,000	100,000.00	-	December 31, 2020	Vehicle has been received and is being upfitted for service.
Community Safety	Fire Services	Rigid Hull Inflatable Boat	-	273,143	273,143.17	-	March 31, 2021	Currently being constructed
Community Safety	Paramedic Services	EMS Station Development	155,907	447,494	291,586.41	-	December 31, 2022	Community Safety Station Revitalization Project is currently underway. Two reports were tabled for station revitalization (Oct 2019 & July 2020).
Community Safety	Paramedic Services	Front Line Response Vehicles	618,387	615,205	(3,181.93)	(3,182)	Completed	Project completed
Community Safety	Paramedic Services	Medical Equip/Supplies	125,055	239,258	114,202.59	-	December 31, 2020	Ongoing as this project represents the purchase of any required medical equipment (due to age or legislation), personal protective equipment, or updates to medication requirements.
Community Safety	Paramedic Services	Technology	27,342	120,000	92,657.98	-	December 31, 2020	Technology projects completed include a Kronos upgrade. MOH bi-directional data project is ongoing.
Community Safety	Paramedic Services	Auto Medication System	63,802	80,266	16,463.66	16,464	December 31, 2020	In process of being completed in the 4th quarter of 2020.
Community Safety	Paramedic Services	Emergency Response Unit	91,967	166,000	74,033.21	-	December 31, 2020	Delayed replacement of PRUs to 2021
Community Safety	Paramedic Services	Medical Equipment	-	50,000	50,000.00	-	December 31, 2020	Ongoing as this project represents the purchase of any required medical equipment (due to age or legislation), personal protective equipment, or updates to medication requirements.
Community Safety	Paramedic Services	Ambulances	461,235	550,029	88,793.85	-	December 31, 2020	Hybrid modules have just been installed in the 3 ambulances
Community Safety	Paramedic Services	Emergency Response Vehicle	-	267,000	267,000.00	-	December 31, 2021	Delayed replacement of PRUs to 2021

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Community Safety	Paramedic Services	Medical Equipment	-	50,000	50,000.00	-	December 31, 2021	Ongoing as this project represents the purchase of any required medical equipment (due to age or legislation), personal protective equipment, or updates to medication requirements.
Community Safety	Paramedic Services	Technology	224,544	240,000	15,455.95	15,456	Completed	Project completed - move remaining funds to land ambulance reserve
Community Safety	Paramedic Services	Tactical Paramedic Services	-	135,000	135,000.00	135,000	December 31, 2020	Tact team staff have been selected and training is ongoing. PPE and equipment should arrive in the 4th quarter of 2020.
Community Safety	Emergency Plan and Strategy Services	EOC Transformation	-	30,000	30,000.00	-	June 30, 2021	Delayed project start due to COVID. The EOC to IMS transition project is on target to see the gap assessment. Anticipate the draft Emergency Management Program plan, EOC reconfiguration plan, and updated EOC processes completed by the end of Q4 2020. A recommended IMS training plan will be developed by mid Q4 2020, with completion anticipated Q2 2021. It is anticipated that the full project budget will be expensed.
Community Safety	Emergency Plan and Strategy Services	CS Station Revitalization	3,365	350,000	346,635.34	-	December 31, 2021	Community Safety Station Revitalization Project is currently underway as a series of reports presented to Finance Committee to assist in understanding the sustainability of the Emergency Services stations including condition, as well as current and future operational impacts. Due to the COVID-19 crisis, this project will extend into 2021, It is anticipated that the full project budget will be expensed.
<b>Community Safety Total</b>			<b>2,960,342</b>	<b>10,061,216</b>	<b>7,100,874</b>	<b>146,222</b>		
Corporate Services	199 Larch	Energy Conservation	9,361	25,000	15,639.29	-	2021-Q2	Work in progress, expected to be complete in Q2 2021
Corporate Services	199 Larch	Air Handling Units	74,300	686,661	612,361.15	10,631	November 2020	Work is continuing through Oct 2020. Completion expected Dec 2020.
Corporate Services	199 Larch	Revolving Door-Main Entrance	143,273	447,066	303,792.66	-	December 2020	Work in ongoing on night-shift work
Corporate Services	199 Larch	Washroom Upgrade	45,591	175,000	129,409.28	-	August 2020	W/R work on site is completed
Corporate Services	199 Larch	Skylight Replacement	186,127	252,515	66,387.56	51,815	August 2020	Door hardware update work was completed.
Corporate Services	Administration	Furniture Upgrades	180,034	193,241	13,206.49	-	Unknown	Improvements to Council Chamber may be required in 2020-2021 as a result of the new Meeting Management System and COVID-19 measures.
Corporate Services	Administration	Corporate Infrastructure	39,294	379,844	340,550.18	-	July 1, 2021	These funds were approved to be transferred to a capital budget account for the One Stop Shop
Corporate Services	Administration	By-law Enforcement Equip	5,593	75,000	69,407.26	-	July 1, 2021	The department has proceeded with an equipment upgrade initiative for handheld radios for Bylaw Enforcement Officers. Using similar radios to police/fire/transit, the department has an active PO for \$57,705 for the procurement of the radios. Remaining \$11,702 will support necessary replacement of batteries, radios
Corporate Services	Administration	TDS Committee Room	81,344	164,315	82,971.24	-	Q4 2021	Costs to be incurred for improvements to Council Chamber Crestron Equipment.
Corporate Services	Administration	By-law Enforcement Equip	12,791	25,000	12,209.41	-	July 1, 2021	Remaining funds will be used for equipment maintenance and replacement for Animal Control and Sheltering Services

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Corporate Services	Administration	TDS Committee Room	126,817	134,023	7,205.76	-	Q4 2021	Costs to be incurred for improvements to Council Chamber Crestron Equipment.
Corporate Services	Administration	Air Quality Upgrades	1,455	-	(1,455.17)	(1,455)	2020	Completed
Corporate Services	Assets	Solar Panels	1,644,438	1,744,568	100,129.78	-	October 2020	<a href="#">See Detailed Report</a>
Corporate Services	Assets	Van Horne Station Roof	328,549	324,886	(3,663.37)	(3,663)	May 2020	Completed
Corporate Services	Assets	HVAC - Fire & EMS Stations	7,594	105,000	97,406.15	97,406	June 2020	Completed
Corporate Services	Assets	Window/Door Replace-Firehalls	25,069	75,000	49,931.37	49,931	June 2020	Completed
Corporate Services	Assets	Building Automation - CLEL	34,722	140,000	105,278.44	12,475	November 2020	Work about 80% completed. Some testing and verification remain. Due to be completed by end of Nov 2020.
Corporate Services	Assets	Various Repairs - PW Depots	181,894	185,663	3,768.96	3,769	June 2020	Completed
Corporate Services	Assets	DSS & BCA Reports- Various	216,227	214,062	(2,165.35)	(2,165)	July 2019	Completed
Corporate Services	Assets	Health & Safety - Firehalls	101,902	102,919	1,017.60	1,018	May 2020	Completed
Corporate Services	Assets	Energy Saving Initiatives	22,425	17,833	(4,591.42)	(4,591)	May 2020	Lighting work completed
Corporate Services	Assets	199 Larch-190 Brady Elevators	-	350,000	350,000.00	-	2021Q3	RFP delayed due to COVID; design work to start in Nov 2020 and be completed in 2021 to ensure better estimate of costing. Site work to be tendered for 2022.
Corporate Services	Assets	Asset Mgmt Planning Enhancemen	-	260,000	260,000.00	-	January 1, 2020	Presently working with the vendor. Database setup and configuration nearing completion, concurrently with data upload.
Corporate Services	Assets	Water&Ice buildup Lively FS#7	-	35,000	35,000.00	-	October 2020	Bruce Tait was completing other contracts, due to complete this work in Oct 2020.
Corporate Services	Assets	Assets Contingency	41,125	45,804	4,678.38	4,678	Completed	Completed
Corporate Services	Assets	Assets Contingency	9,424	9,910	485.90	486	Completed	Completed
Corporate Services	Assets	Boiler Replacement	95,349	100,000	4,650.80	4,651	December 2019	Completed
Corporate Services	Fleet Services	Rebuilds	94,845	110,716	15,870.28	15,870	March 31 2021	This is ongoing project for rebuilds as required.
Corporate Services	Fleet Services	Fleet Management Software	54,722	70,000	15,278.46	-	December 31, 2021	Add'l funds will be required for completion by Q4-2021
Corporate Services	Assets	Emergency Lighting	21,573	22,938	1,364.75	1,365	December 2018	Completed.
Corporate Services	Energy Initiatives	LED Streetlight Conversion	-	6,689,871	6,689,871.00	-	December 2021	<a href="#">See Detailed Report</a>
Corporate Services	Fleet Services	Zamboni	97,317	100,000	2,683.16	2,683	Complete	Complete
Corporate Services	Fleet Services	Garbage Packers	659,140	660,000	859.58	-	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Heavy Duty Equipment	346,516	350,000	3,484.13	3,484	Complete	Complete
Corporate Services	Fleet Services	Light Duty Vehicles	319,220	340,595	21,374.08	21,374	Complete	Complete
Corporate Services	Fleet Services	Medium Duty Vehicles	292,444	350,000	57,555.97	57,566	Complete	Complete
Corporate Services	Fleet Services	Specialty Equipment	378,640	370,343	(8,296.76)	(8,297)	Complete	Complete
Corporate Services	Fleet Services	Zamboni	-	125,000	125,000.00	-	June 30, 2021	Delivery expected Q2 2021
Corporate Services	Fleet Services	Shelving Improvements	-	12,000	12,000.00	1,824	September 30, 2021	Additional funds to be combined and used with 2021 request
Corporate Services	Fleet Services	Heavy Duty Equipment	151,997	710,000	558,003.24	62,024	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Light Duty Vehicles	153,386	460,000	306,614.40	(6,187)	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Medium Duty Vehicles	1,740	920,000	918,260.38	38,569	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Specialty Equipment	757,037	775,000	17,963.45	(23,148)	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Vehicle Hoist	-	300,000	300,000.00	40,000	December 31, 2020	Delivery expected Q4 2020
Corporate Services	Fleet Services	Business Process Improvements	7,632	30,000	22,367.99	22,368	December 31, 2021	Re-appropriate funds to Fleet Mgmt Software
Corporate Services	Information Technology	Network OS Mail Licenses	5,968	10,000	4,031.77	-	2021 Q4	New Mail users
Corporate Services	Information Technology	Mobile/Remote Desktop Infrs	-	6,991	6,990.62	-	2021 Q4	New mobility users

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Corporate Services	Information Technology	Geographic Information Systems	60,689	182,623	121,933.57	-	2023 Q4	Funding is being used together as funding for the IT Strategic Plan - GIS Program Committee. IT program committees are being implemented to implement enhancements and improve efficiencies for Enterprise IT systems such as the Geographic Information Systems committee. These systems tie in to any other system managing financial or human resources. This program committee is responsible for developing a strategy and work plan for GIS.
Corporate Services	Information Technology	Business Applications	152,741	373,095	220,353.31	-	2023 Q4	Used to replace legacy business application systems that have reached end of life or require an upgrade due to vendor requirements or security requirements.
Corporate Services	Information Technology	Audit Logging Software	121,065	144,000	22,934.51	-	2022 Q4	Cyber Security upgrades
Corporate Services	Information Technology	Microsoft Products	598,200	599,117	917.18	917	Completed	Completed
Corporate Services	Information Technology	Business Applications	143,337	200,000	56,663.38	-	2022 Q4, some migrations are dependent on other projects	Continuing to successfully provide business analysis and project management for the large remaining systems that are to be moved to our enterprise platforms. As an example, there are plans to migrate animal licenses to the new LMIS platform.
Corporate Services	Information Technology	CRM System	280,566	2,052,419	1,771,853.35	200,000	2nd quarter of 2021	<a href="#">See Detailed Report</a>
Corporate Services	Information Technology	LMIS Phase 1	-	1,513,791	1,513,791.11	-	December 2021	<a href="#">See Detailed Report</a>
Corporate Services	Information Technology	Meeting Mgmt Solution	74,284	281,050	206,765.74	-	2021 Q1	System design and configuration is in progress. The project will move to testing and training 2020 Q3, start phased deployment in Q4, target completion in 2021 Q1.
Corporate Services	Information Technology	Telecom PBX Upgrade	702	661,050	660,348.30	-	2020 Q4	This project is in execution phase. Go Live is November 2020
Corporate Services	Information Technology	Perfect Mind Software	130,156	163,500	33,343.94	-	2021 Q2	The project has achieved substantial completion and the system is in use by staff and the public. Some equipment acquisition and rollout is scheduled for late 2020. Bilingual interface functionality it's still in development and scheduled for delivery in early 2021.
Corporate Services	Information Technology	MMMS	882,761	1,382,761	500,000.00	-	2022 Q4	<a href="#">See Detailed Report</a> CCTV project. Project to onboard plants into Cityworks. Ongoing Cityworks committee spending.
Corporate Services	Information Technology	Training	22,612	105,633	83,020.94	-	2023 Q4	Part of work planned by the IT ERP Program Committee, to enhance and make improvements to Finance and HR systems. Currently funding a portion of the HR position management cleanup project. Will also be a few new hires that will require training.
Corporate Services	Information Technology	FMIS Upgrade-E.R.P. Software	293,265	300,785	7,519.46	-	2021 Q4	Part of work planned by the IT ERP Program Committee, to enhance and make improvements to Finance and HR systems.
Corporate Services	Information Technology	Misc Project Costs	75,364	78,333	2,969.15	-	2021 Q4	Part of work planned by the IT ERP Program Committee, to enhance and make improvements to Finance and HR systems.
Corporate Services	Information Technology	Modern Employee Tools	-	975,000	975,000.00	-	2022 Q4	<a href="#">See Detailed Report</a>

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Corporate Services	Parking	Parking Improvements	98,496	99,771	1,275.00	1,275	Complete	Complete
Corporate Services	Parking	TDS Underground Garage Fans	41,770	70,000	28,229.60	(12,236)	2020-Q3	Completed
Corporate Services	Parking	On Street Pay by Plate Machine	306,046	311,305	5,258.88	-	September 1, 2021	Opportunities for the procurement of additional on street machines exists. Unfortunately, COVID has depleted resources to the point inventory could not be procured in 2020.
Corporate Services	Parking	Parking Lot Upgrades	-	135,000	135,000.00	-	December 31, 2020	Capital project work for parking improvements at the Centre for Life (CFL) Parking lot are currently proceeding (Oct2020). Estimated costs for the CFL were listed at \$58,810.15. Capital work is planned for the Dufferin Road allowance to create a Pine Street lot. \$40,000 has been set aside to support work for tree clearing, grading, sign. Remaining budget will support review for lighting.
Corporate Services	Tom Davies Square	Generator Replacement	1,010,353	1,065,430	55,076.76	18,947	August 2020	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Air Quality Upgrades	10,954	12,211	1,256.74	(5,889)	December 2019	Completed. Design will lead to future budget requests.
Corporate Services	Tom Davies Square	Distribution Audit & Review	137,708	127,585	(10,123.11)	(10,123)	December 2019	Completed
Corporate Services	Tom Davies Square	Generator Replacement	50,173	60,827	10,654.13	4,653	August 2020	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Elevator Upgrades	2,761,821	2,974,069	212,247.86	172,454	December 2020	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Exterior Stairs	270,564	343,788	73,224.22	(13,478)	December 2017	Completed
Corporate Services	Tom Davies Square	Boiler Replacement	201,373	206,563	5,190.31	-	December 2018	Completed
Corporate Services	Tom Davies Square	Courtyard Reno - Larch St	1,120,875	1,310,000	189,125.10	189,125	December 2020	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Courtyard Renovation	8,969,837	8,988,478	18,640.96	(39,325)	2023-Q4	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Interior Finishes-Elevator Rel	42,365	40,000	(2,364.87)	(3,268)	June 2020	Completed
Corporate Services	Tom Davies Square	Main Fresh Air Supply Fan Repl	-	30,000	30,000.00	-	2021-Q2	Work in progress, expected to be completed in Q2 2021.
Corporate Services	Tom Davies Square	Interior Renovations	41,670	45,000	3,329.59	3,330	June 2020	Completed
Corporate Services	Tom Davies Square	Air Handlers 190 Brady	-	50,000	50,000.00	39,801	2021-Q2	Design was completed in 2019, AW Hooker provided detail estimate. Work requires additional funding to complete the project.
Corporate Services	Tom Davies Square	Caulking Replacement	-	70,000	70,000.00	8,109	August 2020	Completed August 2020
Corporate Services	Tom Davies Square	Pump Replacements	-	80,000	80,000.00	223	October 2020	Equip due to arrive and be installed for Sept 25.
Corporate Services	Tom Davies Square	Electrical Services Gear	-	2,100,000	2,100,000.00	-	2021-Q4	<a href="#">See Detailed Report</a>
Corporate Services	Tom Davies Square	Fire Alarm System	1,347	650,000	648,652.82	-	2021-Q4	Contractor agreement signed in late August 2020. Work to begin on site mid-Sept 2020. Expected to be about 6 months duration - completion 2021Q3.
Corporate Services	Tom Davies Square	Security System & Lighting	1,879	235,000	233,120.77	85,484	December 2020	Work about 80% completed. Some testing and verification remain. Due to be completed by end of Nov 2020.
Corporate Services	Tom Davies Square	Structural Repairs	43,985	50,000	6,015.30	6,015	December 2019	Completed
Corporate Services	Tom Davies Square	Investigation / Repairs	43,708	52,093	8,385.44	8,385	December 2017	Completed
<b>Corporate Services Total</b>			<b>24,947,543</b>	<b>46,802,041</b>	<b>21,854,498</b>	<b>1,108,880</b>		
Growth & Infrastructure	Bridges	Bridge Inspections/Evaluations	171,532	258,476	86,943.39	-	Ongoing	Inspections are ongoing to December 2020
Growth & Infrastructure	Bridges	Bridge Inspections/Evaluations	186,300	310,651	124,351.47	-	Ongoing	Inspections are ongoing to December 2020
Growth & Infrastructure	Bridges	Various Bridge Repairs	4,937,701	5,228,505	290,804.62		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Bowlands Bay Bridge	1,882,777	2,095,000	212,222.88	100,000	2022	In 2 year warranty period, expenses will continue until December 2022
Growth & Infrastructure	Bridges	William Ave. Bridge (Coniston)	1,053,689	1,640,000	586,311.05	100,000	2021	In 2 year warranty period, expenses will continue until December 2021
Growth & Infrastructure	Bridges	Vermillion Lk Bridge (MR55)	1,752,209	6,600,000	4,847,791.38	-	2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Douglas Street Bridge	359,652	500,000	140,347.54	-	2022	In 2 year warranty period, expenses will continue until December 2022

Appendix A - Capital Projects Status Update as at June 30, 2020

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Bridges	Allan Street Bridge	309,602	400,000	90,397.25	-	2022	In 2 year warranty period, expenses will continue until December 2022
Growth & Infrastructure	Bridges	Walter Street Bridge	49,883	400,000	350,117.15	-	2024	In detailed design, expenses will continue until December 2024
Growth & Infrastructure	Bridges	Frappier Road Bridge	228,037	338,703	110,665.73	-	2022	In 2 year warranty period, expenses will continue until December 2022
Growth & Infrastructure	Bridges	Nelson Lake Road Bridge	59,179	1,827,815	1,768,636.08	-	2023	In detailed design, construction planned for 2021, expenses will continue until 2023
Growth & Infrastructure	Bridges	Coniston Creek Pedestrian Brdg	82,287	1,000,000	917,712.89	-	2022	Construction ongoing, expenses expected to continue until 2022
Growth & Infrastructure	Bridges	CNR Overpass(Falconbridge Rd)	337,976	450,000	112,024.04	-	2022	In 2 year warranty period, expenses will continue until December 2022
Growth & Infrastructure	Bridges	Various Bridge Repairs	2,635,118	5,000,000	2,364,882.33	-	Ongoing	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Douglas Street Bridge	2,878,472	3,133,000	254,528.19	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Allan Street Bridge	989,560	1,496,000	506,440.30	100,000	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Frappier Road Bridge	797,272	1,250,000	452,728.01	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Spanish River Bridge	168,518	450,000	281,481.78	-	2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Beatty Street Bridge	852	200,000	199,147.77	-	2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	High Falls Road Bridge	175,582	3,500,000	3,324,417.54	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	College Street Subway	69,482	400,000	330,518.12	-	2025	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Martindale Road Bridge	76,072	1,200,000	1,123,927.89	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Old Soo Road Bridge	12,444	958,772	946,328.35	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Moose Mountain Mine Rd Bridge	174,122	1,700,000	1,525,878.44	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	CNR Overpass(Falconbridge Rd)	1,425,554	2,120,000	694,445.66	50,000	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Bridge Inspections/Evaluations	-	100,000	100,000.00	-	Ongoing	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Various Bridge Repairs	-	3,700,000	3,700,000.00	-	Ongoing	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Ironside Lake Road Bridge	148,183	2,600,000	2,451,817.25	-	2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Manninen Road Bridge	-	200,000	200,000.00	-	2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Fielding Road Bridge	29,306	200,000	170,693.57	-	2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Kalmo Road Bridge	21,744	200,000	178,256.39	-	2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Paris Street Bridge (North)	8,465	200,000	191,534.82	-	2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Paris Street Bridge (South)	-	200,000	200,000.00	-	2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Dufferin Street Bridge	-	200,000	200,000.00	-	2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Bridges	Contract Costs	-	3,399,297	3,399,296.56	-	Ongoing	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Misc Storm Sewer Improv	82,987	129,105	46,117.09	-	Summer 2021	Monies allocated for easment purchase requirements
Growth & Infrastructure	Drains	Capreol Combined Sewers EA	12,361	150,000	137,638.75	-	Fall 2021	Conceptual Design founds issues that will require additional efforts
Growth & Infrastructure	Drains	Stormwater Management	-	500,000	500,000.00	-	Ongoing	Richard Lake, Ramsey, Junction Creek Whitewater Lake and Whitson River Studies underway, monies should be combined with Watershed Studies (93000-20-9814-925120)
Growth & Infrastructure	Drains	Whitson Paquette Drain	5,332,876	12,750,535	7,417,659.04	-	Fall 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Jacobsen-Cavarzan Storm Sewer	1,084	30,343	29,258.63	-	Winter 2021	Funds to support larger 2021 MR24/Jacobson Design
Growth & Infrastructure	Drains	East Branch Junction Creek	419,310	2,158,724	1,739,414.48	-	Fall 2025	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Mountain Street Storm Outlet	2,542,630	4,041,954	1,499,323.83	-	Fall 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Watershed Studies	2,539,617	2,903,298	363,681.43	-	Ongoing	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Consulting Fees	250,418	280,780	30,362.58	22,651	Summer 2020	Complete
Growth & Infrastructure	Drains	Lavallee Drain F Subdrain	12,361	250,000	237,638.74	-	Spring 2021	Design resulting from gotech underway
Growth & Infrastructure	Drains	Green Ave Storm Conveyance	46,512	2,100,000	2,053,488.08	-	Fall 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	McNaughton Treatment Facility	28,023	2,850,000	2,821,976.51	-	Summer 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Drains	Stormsewer Closed-Circuit	36,461	200,000	163,539.21	-	Fall 2021	Postponed due to Salary Gapping
Growth & Infrastructure	Drains	Stormsewer Rehabilitation	-	300,000	300,000.00	-	Fall 2021	Postponed due to Salary Gapping
Growth & Infrastructure	Drains	Stormwater Compliance	-	150,000	150,000.00	-	Ongoing	In Progress
Growth & Infrastructure	Drains	Stormwater Sustainable Funding	-	250,000	250,000.00	-	Winter 2021	In Progress
Growth & Infrastructure	Drains	Stormwater Compliance	-	150,000	150,000.00	-	Ongoing	In Progress
Growth & Infrastructure	Drains	Junction Creek Imp - Garson	-	475,000	475,000.00	-	Fall 2022	Construction fall 2020
Growth & Infrastructure	Drains	Project Costs	2,603,326	2,701,982	98,655.85	-	Dec 2020	<a href="#">See Detailed Report</a>

Appendix A - Capital Projects Status Update as at June 30, 2020

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Drains	Countryside Drainage Phase 2	74,307	1,275,000	1,200,693.44	-	Fall 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Organic Processing Plan	53,982	90,000	36,018.25	0	June 2021	Anaerobic Digestion Project for the Community Energy & Emmissions Plan (CEEP)
Growth & Infrastructure	Environmental Services	Hamner LS-Cell Closure	859,605	900,000	40,395.42	40,395	Completed	Completed
Growth & Infrastructure	Environmental Services	Sudbury LS Cell Closure Misc	1,379,101	1,421,715	42,614.03	42,614	January 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Assessment Plans	20,608	29,163	8,555.44	-	December 2020	Delayed but to be completed by year end
Growth & Infrastructure	Environmental Services	Azilda LF - Cell Closure	69,341	138,241	68,900.15	12,135	December 2020	Finalizing plans
Growth & Infrastructure	Environmental Services	Sud LF-SW, Leachate & Wells	151,915	240,000	88,084.55	-	May 2021	Work in progress
Growth & Infrastructure	Environmental Services	Hanmer LF - Compost Pad	133,691	142,000	8,308.77	tbid	December 2021	Work in progress. Review of some deficiencies entail additional work for a long term solution
Growth & Infrastructure	Environmental Services	Hanmer LF-SW,Leachate&Wells	16,849	34,570	17,721.46	15,445	November 2020	Finalizing plans
Growth & Infrastructure	Environmental Services	LF Scale & ScaleHouse Repair	112,967	136,461	23,494.07	-	December 2021	Work in progress
Growth & Infrastructure	Environmental Services	Hanmer LF - Compost Pad	220,896	564,000	343,104.00	tbid	December 2021	Work in progress. Review of some deficiencies entail additional work for a long term solution
Growth & Infrastructure	Environmental Services	Azilda LF - Stage 1 Final Cove	598,910	1,134,000	535,090.41	772	December 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Recycling Center Tipping Floor	12,319	200,000	187,680.91	-	December 2021	Additional funds to be requested as part of the 2021 Capital budget process.
Growth & Infrastructure	Environmental Services	Sudbury LF Leachate Treatment	900,840	2,239,000	1,338,159.92	-	October 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Environmental Services	Sudbury Landfill - Upgrades	36,927	560,000	523,073.02	-	December 2021	Work in progress
Growth & Infrastructure	Environmental Services	Hanmer & Sudbury Scale Work	-	240,000	240,000.00	-	November 2020	Work in progress - tender preparation
Growth & Infrastructure	Planning	Official Plan	172,989	256,150	83,160.81	-	Q4 2021	Official Plan Review is ongoing. Phase 2 of the Official Plan review is currently underway and expected to be completed in 2021.
Growth & Infrastructure	Planning	Development Charge Study	93,066	111,578	18,512.19	18,512	Complete	This project is complete.
Growth & Infrastructure	Planning	Pop Projection Study	35,879	60,000	24,121.14	24,121	Complete	This project is complete.
Growth & Infrastructure	Environmental Services	Environmental Contingency	73,035	79,080	6,044.92	-	December 2020	Delayed but to be completed by year end
Growth & Infrastructure	Environmental Services	Environmental Contingency	65,682	68,209	2,527.45	-	December 2020	Delayed but to be completed by year end
Growth & Infrastructure	Planning	Whitson River Trail	252,839	1,032,945	780,106.26	-	Unknown	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Henry (Garson) from McDougall	-	250,000	250,000.00	-	December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Dean Ave-Lorne to Landsend	50,625	2,100,000	2,049,375.33	-	December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	St Brendan-Homewood to Marion	794,204	1,150,000	355,795.69	-	December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Tudor Ct-Windsor to East End	241,776	300,000	58,224.15	-	December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Planning	Elgin Street Greenway	210,592	220,957	10,365.01	-	Unknown	Remaining grant funding has not been secured to complete this project
Growth & Infrastructure	Roads	10th Ave from MR24 to 9th	64,691	100,000	35,308.94	-	December 31, 2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Dell St-Notre Dame to Snowden	18,161	250,000	231,838.64	-	December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	53,343	75,000	21,656.87	-	December 31, 2020	Updates to be completed
Growth & Infrastructure	Roads	Survey Equipment	-	52,000	52,000.00	-	Q2 2021	
Growth & Infrastructure	Roads	Study Cost	225,186	250,000	24,813.84	-	December 31, 2020	Remaining change order to be completed for the Project Management for the Water/Wastewater accommodations.
Growth & Infrastructure	Roads	Automatic Vehicle Locator	1,289,319	1,494,991	205,672.62	-	December 31, 2020	Additional AVL equipment required to be updated
Growth & Infrastructure	Roads	Transportation Demand Mgt Prgm	17,440	25,000	7,559.73	-	December 31, 2020	Funding is being used implement small projects. These projects are ongoing.
Growth & Infrastructure	Roads	Future Roads Projects	457,784	1,228,719	770,935.61	-	December 31, 2022	Pre-Engineering costs for future projects
Growth & Infrastructure	Roads	Depot Remediation	-	5,004,584	5,004,584.28	-	December 31, 2025	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Kingsway	3,464,804	3,705,051	240,247.57	-	December 31, 2030	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Property Acquisition	343,728	244,261	(99,467.26)	-	December 31, 2020	Land transfers and property acquisition
Growth & Infrastructure	Roads	Project Costs	71,459,728	78,230,294	6,770,566.72	-	December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Sidewalk/Curb	650,055	687,503	37,448.00	37,448	December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Downtown BIA Streetlights	200,596	466,667	266,070.51	-	December 31, 2025	Projects ongoing (identified by Downtown BIA)
Growth & Infrastructure	Roads	Crean Hill Road	10,970,129	11,120,159	150,030.01	-	December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	MR 89 Skead Rd to Rix St	1,032,022	2,500,000	1,467,977.86	-	December 31, 2022	Detailed design is in progress.

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Growth & Infrastructure	Roads	Elgin Street Greenway	765,415	1,234,000	468,585.15		December 31, 2025	Additional funding and direction is required to advance project as federal/provincial government grants have not been approved.
Growth & Infrastructure	Roads	Ghandi Lane	456,742	675,000	218,257.78		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Leslie Street	556,700	653,425	96,725.37		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Frobisher Yard	297,773	320,612	22,838.90		December 31, 2021	Ongoing depot yard work to be completed
Growth & Infrastructure	Roads	Repairs & Maintenance	7,418	29,000	21,582.14		December 31, 2021	These funds provided by developers for additional maintenance issues.
Growth & Infrastructure	Roads	Lorne Street	5,055,715	5,509,683	453,968.28		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Rockfall Program	131,834	500,000	368,166.46		December 31, 2022	Rockfall removal program is ongoing. Additional locations will be reviewed with potential rock removal to be identified.
Growth & Infrastructure	Roads	Depot Yard Cleanup	80,785	250,000	169,214.81		December 31, 2021	Ongoing depot yard work to be completed
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	-	55,832	55,831.54		December 31, 2021	Updates to be completed
Growth & Infrastructure	Roads	Pavement Management	207,248	217,709	10,460.95		December 31, 2020	Data collection is expected to be completed
Growth & Infrastructure	Roads	Sidewalk/Curb	634,497	511,332	(123,165.01)	(123,165)	December 31, 2020	Substantially Complete
Growth & Infrastructure	Roads	Railway Crossing Improvements	76,984	370,000	293,015.60		December 31, 2021	Railway Coordination. Expenses will continue through 2021 with various upgrades the City is obligated to cost share.
Growth & Infrastructure	Roads	Traffic System Improvements	529,062	579,583	50,520.66		December 31, 2021	Funding is used to make incremental improvements to the entire traffic signal system.
Growth & Infrastructure	Roads	Automatic Vehicle Locator	11,687	200,000	188,313.30		December 31, 2021	Additional AVL equipment required to be updated
Growth & Infrastructure	Roads	Intelligent Transportation Sys	60,262	64,000	3,737.60		December 31, 2020	We expect the project to be substantially complete by December 2020
Growth & Infrastructure	Roads	Kingsway Sidewalk	2,763,774	2,830,722	66,948.09		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	868,626	994,215	125,589.08		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Rita Street	2,035	270,000	267,964.80		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Westmount Avenue	630,274	610,666	(19,608.07)		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Mary Street (Sudbury)	277,997	400,000	122,003.13		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Capreol CIP	1,629,950	1,640,999	11,049.42		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Montrose	1,211,553	1,520,000	308,446.85		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	MR15 Belisle to Martin	2,490,190	2,601,138	110,947.64		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

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Growth & Infrastructure	Roads	Kelly Lake Rd-Lorne to Bridge	2,097,079	2,577,984	480,905.46		December 31, 2022	We expect the project to be substantially complete by December 2021, and that expenses will continue until December 2022
Growth & Infrastructure	Roads	Mikkola Road - Culvert	100,884	101,758	873.84	874	December 31, 2020	Complete
Growth & Infrastructure	Roads	Stormwater Asset Mgmt Plan	392,906	395,861	2,954.53	2,955	December 31, 2020	Complete
Growth & Infrastructure	Roads	Facer St-SWOTS Design&Construc	931,857	1,430,721	498,864.13		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Streetlighting Upgrades	251,411	241,830	(9,581.00)	(9,581)	December 31, 2020	Complete
Growth & Infrastructure	Roads	New Streetlights	53,180	87,018	33,837.48		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Sidewalk/Curb	150,605	400,000	249,394.63		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Surface Treatment	1,133,831	1,134,106	274.76		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Crack Sealing	193,851	300,000	106,149.50		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Railway Crossing Improvements	10,623	250,000	239,376.99		December 31, 2021	Railway Coordination. Expenses will continue through 2021 with various upgrades the City is obligated to cost share.
Growth & Infrastructure	Roads	Traffic Calming	16,886	175,000	158,113.52		December 31, 2021	Traffic Calming
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	257,798	1,000,000	742,201.61		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	BarryDowne Westmount-Kingsway	132,154	4,572,420	4,440,266.49		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Elm St - Ethelbert	1,270,047	2,717,500	1,447,452.87		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Brookside Road	229,430	330,000	100,569.96		December 31, 2020	Complete
Growth & Infrastructure	Roads	Elm St - Frood to Elgin	2,683	550,000	547,317.17		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Avalon Road	273,604	326,660	53,056.61		December 31, 2020	In progress
Growth & Infrastructure	Roads	Silver Hills Phase 2	-	5,758,351	5,758,351.00		Unknown	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Beatty St-Frood to Elm	1,240,131	2,514,000	1,273,868.95		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Depot Remediation Water	-	100,000	100,000.00		December 31, 2021	In progress
Growth & Infrastructure	Roads	Depot Remediation WW	-	100,000	100,000.00		December 31, 2021	In progress
Growth & Infrastructure	Roads	MR 35	13,200,270	38,689,447	25,489,177.14		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Tarneau Street	310,591	394,012	83,421.17		December 31, 2020	In progress
Growth & Infrastructure	Roads	Lorne Street	727,268	9,587,059	8,859,790.72		December 31, 2024	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Traffic Signal Upgrades	18,524	1,877,000	1,858,475.51		2024	Delay in grant funding therefore expected completion date is sometime in 2024.
Growth & Infrastructure	Roads	Cycling Infrastructure	531,220	4,551,678	4,020,458.83		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Active Transportation Imprvmts	-	50,000	50,000.00		December 31, 2021	In progress
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	523,190	1,000,000	476,809.73		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Complete Streets Design Guide	-	250,000	250,000.00		December 31, 2021	In progress

Appendix A - Capital Projects Status Update as at June 30, 2020

Purpose: Listing of active capital projects with a remaining budget that is unspent as of June 30, 2020. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2020 and future years.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Roads	Levack Equipment Facility	-	123,429	123,429.00		December 31, 2021	In progress
Growth & Infrastructure	Roads	Sidewalk Construction & Repair	370,373	1,000,000	629,627.37		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Griffith Storm Sewer	248,266	235,540	(12,726.33)		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Asphalt Recycling Pilot	977	700,000	699,023.10		December 31, 2021	New tender in 2021
Growth & Infrastructure	Roads	Gravel Resurfacing	575,551	600,000	24,449.03		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	BarryDowne-Westmount-Hawthorne	942,340	1,600,000	657,660.00		December 31, 2021	Utility relocation and detailed design work is ongoing, with construction scheduled for 2021 and 2022.
Growth & Infrastructure	Roads	Kingsway-Bancroft-Silver Hills	927,594	1,600,000	672,406.40		December 31, 2021	Utility relocation and detailed design work is ongoing, with construction scheduled for 2021 and 2022.
Growth & Infrastructure	Roads	Regent St-Walford to York	1,839,951	2,175,883	335,931.95		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	As Built Drawings Update	-	495,267	495,267.00		December 31, 2021	In progress
Growth & Infrastructure	Roads	Contract Costs	-	569,760	569,759.96		December 31, 2021	Remaining budget will be allocated to this program's projects
Growth & Infrastructure	Roads	Surface Treatment	-	5,000,000	5,000,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Various Subdivisions-Asphalt	996	1,000,000	999,004.19		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Sidewalk Construction & Repair	-	400,000	400,000.00		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	Asphalt Recycling Pilot	-	811,000	811,000.00		December 31, 2021	New tender in 2021
Growth & Infrastructure	Roads	New Sidewalks	-	600,000	600,000.00		December 31, 2021	We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021
Growth & Infrastructure	Roads	10th Ave from MR24 to 9th	-	1,900,000	1,900,000.00		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Anderson Dr - Third to MR24	-	1,500,000	1,500,000.00		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Pavement Management	51,923	200,000	148,076.85		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	New Streetlights	-	65,000	65,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Railway Crossing Improvements	-	250,000	250,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Asphalt Patching	4,610,343	4,550,000	(60,342.78)		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Pedestrian Crossovers & Safety	10,176	25,000	14,823.98		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Consultant Guidelines Manual	-	25,000	25,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	GIS/Maintenance Mgmt Sys	-	100,000	100,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Pavement Management	-	50,000	50,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Streetlighting Upgrades	21,178	300,000	278,821.58		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	New Streetlights	-	65,000	65,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Railway Crossing Improvements	-	250,000	250,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Asphalt Patching	-	4,000,000	4,000,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Traffic System Improvements	-	250,000	250,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Road Safety	-	10,000	10,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Traffic Calming	-	50,000	50,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Dominion Drive	3,716,464	4,498,488	782,024.13		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	York St fr Regent to Paris	1,806,920	2,400,000	593,079.78		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Kingsway-BarryDowne to Falconb	-	300,000	300,000.00		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Brady St-Underpass to Keziah	10,466	2,800,000	2,789,533.96		December 31, 2021	<a href="#">See Detailed Report</a>

Appendix A - Capital Projects Status Update as at June 30, 2020

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Growth & Infrastructure	Roads	Notre Dame-Dominion to Oscar	600	-	(600.00)		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	KellyLkRd-Copper to Junction C	79,321	500,000	420,679.20		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Henry (Garson) from McDougall	-	228,000	228,000.00			<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Main St E - MR 15 to Tracks	610,119	965,000	354,881.19		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Melvin - Kathleen to Mable	473	625,000	624,526.79		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Attlee - Gemmell to Lasalle	1,318,807	2,000,000	681,193.29		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Arterial & Collector Rehab	-	11,807,000	11,807,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Kingsway-BarryDowne to Falconb	-	2,650,000	2,650,000.00		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Valleyview-Martin to St Lauren	386	-	(385.91)		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Desmarais Rd - Gravel to Talon	381	780,000	779,619.46		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	MR55 - 185m E Koti to Horizon	166,897	860,000	693,103.04		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Skead Road-MR85 to Airport Ter	354,137	2,100,000	1,745,863.44		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	MR80-Maley to McCrea Heights	24	3,335,000	3,334,975.57		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Arterial & Collector Rehab	-	4,925,000	4,925,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	O'Neil Dr E-Penman to Margaret	494,633	750,000	255,367.25		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	FairburnSt-BarrydownetoEastEnd	-	600,000	600,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Maple St-Reginald to Parkwood	-	450,000	450,000.00		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Rita St - Wilfred to End	139,538	497,965	358,426.86		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Road & WWW Improvements	-	2,842,035	2,842,035.20		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Vagnini Crt-Mumford to End	150,511	545,000	394,489.07		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Henry Crt-George E to George W	236,380	280,000	43,619.91		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Second Ave-Bancroft to Rail	492,352	615,000	122,647.77		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Roy Ave-Leon to Rinfret	608	130,000	129,391.72		December 31, 2022	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Sunnyside - Long Lake to Luoma	38,174	1,100,000	1,061,825.65		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Minto St - Brady to Larch	-	600,000	600,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	CKSO Rd-Goodview to Leedale	865,182	1,060,559	195,377.72		December 31, 2020	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	4th Ave - Bancroft - Greenwood	379	675,000	674,621.25		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Moxam Landing - Gibson to #116	25,257	575,000	549,743.12		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Mumford Dr - Vagnini - Duhamel	96,947	575,000	478,053.13		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Local Roads Rehab	-	1,745,000	1,745,000.00		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Road & WWW Improvements	-	20,000	20,000.00		December 31, 2023	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Roads Contingency	762,890	762,957	67.69	68	December 31, 2020	Complete
Growth & Infrastructure	Roads	Scenic Dr - Valleyview - S End	227	-	(226.60)		December 31, 2021	<a href="#">See Detailed Report</a>
Growth & Infrastructure	Roads	Roads Contingency	269,717	285,976	16,259.27		December 31, 2021	In progress
Growth & Infrastructure	Roads	Maley Drive	6,549,235	8,334,697	1,785,462.48		December 31, 2021	<a href="#">See Detailed Report</a>
<b>Growth &amp; Infrastructure Total</b>			<b>202,392,701</b>	<b>403,454,118</b>	<b>201,061,416</b>	<b>435,244</b>		
Wastewater	Wastewater Plants	Lively Sewer Upgrades Ph 2-WW	-	2,500,000	2,500,000.00	-	Q4 - 2022	Project to be tendered in Q4 2020
Wastewater	Wastewater Linear	Hydraulic Model Licence	6,920	7,500	580.31	580	Complete	Licence purchased
Wastewater	Wastewater Linear	GIS/MTcr Management Systems	22,165	135,060	112,894.90	-	Q4 - 2021	Project ongoing
Wastewater	Wastewater Linear	Sewer Inspection Program	446,566	1,642,372	1,195,805.01	-	Ongoing	Underway. The sanitary sewer main condition assessment program is undertaken on an on-going basis.
Wastewater	Wastewater Linear	Community Spills Mgmt	448	15,000	14,552.26	-	Q4 - 2021	Awaiting completion of study by KR Thompson
Wastewater	Wastewater Linear	Automatic Vehicle Locator	374,803	437,986	63,182.65	-	Q4 - 2021	Ongoing. Funds used as required.
Wastewater	Wastewater Plants	Misc Plant Repairs	124,949	100,121	(24,828.63)	(24,829)	Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Linear	Algonquin Sewer	130,752	129,495	(1,256.74)	(1,257)	Q3 - 2021	Project substantially complete except for minor deficiencies.
Wastewater	Wastewater Linear	I & I Annual Assessment	22,559	100,627	78,067.75	-	Q3 - 2021	Consultant retained - project underway
Wastewater	Wastewater Linear	Consulting Fees	5,878	250,000	244,122.21	-	Q4 - 2021	There are a number of contracts that will be going to design consultants via the Standing Offer in Q4 2019.
Wastewater	Wastewater Linear	Lorne St / MR55 - Design	39,766	405,000	365,233.82	-	Q2 - 2021	Detailed design 40% complete. Funding is for design, inspection & contract administration.
Wastewater	Wastewater Linear	Master Plan Program	12,618	665,776	653,157.73	-	Q4 - 2022	Underway
Wastewater	Wastewater Linear	Community Spills Mgmt	11,860	30,000	18,139.97	-	Q4 - 2021	Awaiting completion of study by KR Thompson

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Wastewater	Wastewater Linear	QA/QC Testing - Linear Works	-	100,000	100,000.00	-	Q4 - 2021	Funds utilized as required to pay for materials QA / QC testing during construction on various sites.
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	82,370	100,000	17,630.48	-	Q4 - 2020	Sewermain lining projects using trenchless technologies at various locations
Wastewater	Wastewater Linear	Preliminary Design	59,297	200,000	140,703.29	-	Q4 - 2021	Utilized through Standing Offer to retain Consultant to conduct preliminary work for project
Wastewater	Wastewater Linear	Rock Tunnel Inspection	62,600	169,146	106,545.84	-	2022	Costs for maintenance and repair on the sanitary sewer rock tunnel. Ongoing
Wastewater	Wastewater Linear	Project Design	1,381,172	2,357,923	976,751.29	-	Q4 - 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Linear	Depot Needs Study	27,623	27,628	4.63	-	Complete	Complete
Wastewater	Wastewater Linear	Operating Manuals	106,291	564,095	457,804.11	-	Q4 - 2022	On-going
Wastewater	Wastewater Linear	I & I Annual Assessment	338,908	405,455	66,546.60	-	Q3 - 2021	Consultant retained - project underway
Wastewater	Wastewater Linear	Lively Sewer System Upgrades	413,640	750,000	336,359.62	-	Q4 - 2021	Design 90% complete - tendering a phase in late Fall for Winter construction (Off-street)
Wastewater	Wastewater Linear	BarryDowne Wesmount-Kingsway	14,781	170,000	155,219.04	-	2022	Consultant retaining - Design phase underway
Wastewater	Wastewater Linear	Sewer System Annual Repairs	1,413,621	1,504,762	91,140.80	-	December 31, 2020	Underway. Sewer lining is undertaken annually.
Wastewater	Wastewater Linear	Charette Ave Sewer Replacement	-	25,000	25,000.00	-	Q4 - 2021	Design has moved to 2021 with a Consultant to be retained
Wastewater	Wastewater Linear	Lorne Street	312,468	880,000	567,532.31	-	December 31, 2020	Remaining work at railway crossing being completed at present time.
Wastewater	Wastewater Linear	Rita Street	-	65,000	65,000.00	-	December 31, 2020	Under construction - to be completed the Fall
Wastewater	Wastewater Linear	Sewer System Annual Repairs	162,721	847,263	684,541.56	-	Ongoing	Underway. Sewer lining is undertaken annually.
Wastewater	Wastewater Linear	Lively Sewer System Upgrades	2,797,569	3,702,800	905,230.51	-	December 31, 2020	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Linear	Elm St-MacLachlan to Big Nckl	41,866	65,000	23,134.13	-	December 2020	Completion - Fall 2020
Wastewater	Wastewater Linear	Algonquin Sewer	1,148,212	1,163,060	14,847.13	14,847	Q3 - 2021	Project substantially complete except for minor deficiencies.
Wastewater	Wastewater Linear	Sewer & Watermain Contingency	24,283	188,831	164,547.43	-	Q4 - 2021	On-going - Funds used for sanitary sewer construction to accommodate watermain or roads priority projects, various locations.
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	1,536,877	2,398,139	861,261.73	-	Ongoing	Underway. Sewer lining is undertaken annually.
Wastewater	Wastewater Linear	1st Ave-Balsam-Allan-Coniston	512,313	533,162	20,849.19	20,849.19	Q3 - 2021	Contract in warranty Phase. Minor deficiency to be completed in 2021hses
Wastewater	Wastewater Linear	Spruce St-Regent to Travers St	690,050	911,516	221,465.15	175,000	Q3 - 2021	Contract in Warranty Phase - three deficiency locations to be corrected in Fall of 2020
Wastewater	Wastewater Linear	Leslie Street	69,904	89,449	19,545.09	19,545	Q3 - 2021	In warranty period
Wastewater	Wastewater Linear	Tarneau Street	65,201	83,855	18,654.29	18,654	Q3 - 2021	In warranty period
Wastewater	Wastewater Linear	Avalon Road	36,435	75,819	39,383.54	39,384	Complete	Complete
Wastewater	Wastewater Linear	FairburnSt-BarrydownetoEastEnd	65,315	95,000	29,685.21	-	Q3 2021	Construction underway - completion in early 2021 - additional funds to be reallocated to account from associated account
Wastewater	Wastewater Linear	System Improvements	7,632	441,886	434,254.03	-	Q4 - 2021	To be used as required in accordance with the City's Cost Sharing Policy.
Wastewater	Wastewater Linear	Collection Support	12,794	300,000	287,205.69	-	Q4 - 2021	Funding for unforeseen, emergency operational needs
Wastewater	Wastewater Linear	Melvin - Kathleen to Mable	34,893	125,000	90,106.52	-	Q4 - 2021	On hold - needs further design
Wastewater	Wastewater Linear	Bridges & Culvert - Watermains	643	100,643	100,000.00	100,000	N/A	No longer required

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Wastewater	Wastewater Linear	Maki Upgrades - Design	-	125,000	125,000.00	-	2022	Preliminary design to be awarded via Standing Offer in early 2021
Wastewater	Wastewater Linear	Sewer Annual Rehabilitation	1,370,880	1,425,000	54,120.43	-	Q3 - 2021	Underway. Sewer lining is undertaken annually. To purchase Health and Safety Equipment as needed
Wastewater	Wastewater Linear	Collection Health & Safety	84,630	210,925	126,294.67	-	Q3 - 2021	To be utilized with watermain priority projects requiring some sewer repair
Wastewater	Wastewater Linear	Sewer with Watermain	4,338	50,000	45,662.29	-	Q4 2021	Funding for unforeseen, emergency operational needs
Wastewater	Wastewater Linear	Collection Support	-	50,000	50,000.00	-	Q4 - 2021	On-going - To be utilized for unplanned rock tunnel maintenance
Wastewater	Wastewater Linear	Rock Tunnel Maintenance	-	100,000	100,000.00	-	2022	Funds used for sanitary sewer construction to accommodate watermain or roads priority projects, various locations.
Wastewater	Wastewater Linear	Sewer & Watermain Contingency	-	71,233	71,233.00	-	Q4 2021	To be utilized on two cost sharing projects in late 2020
Wastewater	Wastewater Linear	Cost Sharing Policy App	-	200,000	200,000.00	-	Q4 - 2021	Underway. Sewer lining is undertaken annually.
Wastewater	Wastewater Linear	Sewer System Annual Repairs	910,861	1,625,000	714,139.49	-	Q4 - 2021	To be tendered in 2021.
Wastewater	Wastewater Linear	Sanitary Sewer Laterals Rehab	-	200,000	200,000.00	-	Q4 - 2021	to purchase Health and Safety Equipment as needed
Wastewater	Wastewater Linear	Collection Health & Safety	-	50,000	50,000.00	-	Q3 - 2021	To be utilized with watermain priority projects requiring some sewer repair
Wastewater	Wastewater Linear	Sewer with Watermain	-	42,962	42,962.00	-	Q4 2021	Underway. The sanitary sewer main condition assessment program is undertaken on an on-going basis.
Wastewater	Wastewater Linear	Sewer Inspection Program	-	600,000	600,000.00	-	Q4 - 2021	Underway. Sewer lining is undertaken annually.
Wastewater	Wastewater Linear	Sewer System Annual Repairs	-	1,225,000	1,225,000.00	-	Q4 - 2021	To be tendered in 2021.
Wastewater	Wastewater Linear	Sanitary Sewer Laterals Rehab	-	59,680	59,680.00	-	Q4 - 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Linear	Gatchell Outfall Sewer Constr	265,509	6,000,000	5,734,490.77	-	2022	Complete
Wastewater	Wastewater Linear	Combined Sewer Separation	16,557	50,000	33,443.41	33,443	Complete	Complete
Wastewater	Wastewater Linear	Safety Grate on Sanitary Main	-	30,000	30,000.00	-	Q4 - 2021	Project to commence in Q2 2021
Wastewater	Wastewater Linear	Douglas Street Bridge	89,753	120,000	30,247.36	30,247	Complete	Complete
Wastewater	Wastewater Linear	Dean Ave-Lorne to Landsend	23,765	100,000	76,235.33	-	Q3 2021	Construction underway - completion in early 2021
Wastewater	Wastewater Linear	St Brendan-Homewood to Marion	384,929	440,000	55,071.07	-	Q3 2021	Underway - to be completed in 2021
Wastewater	Wastewater Linear	Tudor Ct-Windsor to East End	191,357	265,000	73,642.95	50,000	Q3 2021	Complete - waiting for invoicing
Wastewater	Wastewater Linear	Dell St-Notre Dame to Snowden	18,161	200,000	181,838.62	-	2022	Design i90% complete - to be tendered in early 2021
Wastewater	Wastewater Linear	Jane St - Dean to Easement	-	50,000	50,000.00	-	Q3 2021	Part of Dean St. Contract
Wastewater	Wastewater Linear	Ash Street (Lively)	394	175,000	174,605.98	-	Q3 2021	Construction underway to be completed in 2020
Wastewater	Wastewater Linear	Sewer Priority Rehab	-	695,000	695,000.00	-	Q4 2021	Being utilized on various sewer replacement/rehabilitation projects
Wastewater	Wastewater Linear	Sewer Priority Rehab	-	3,375,000	3,375,000.00	-	2022	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Linear	Preventative Plumbing	435,799	644,256	208,457.02	-	Q3 2022	Annual uptake of program should deplete funds by end of 2022.
Wastewater	Wastewater Plants	Asset Management Software	-	50,000	50,000.00	-	Q1 2021	Template is under development. The software selection will be finalized by early 2021.
Wastewater	Wastewater Plants	Project Design	702,310	975,000	272,689.61	-	Q4 2022	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Infrastructure Master Plan	1,358,082	1,408,996	50,913.96	-	Q4 2022	To be used for I/I reduction and hydraulic modeling

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Wastewater	Wastewater Plants	Capital Needs Study	130,353	197,744	67,390.86		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	WWTP Upgrades	231,279	450,000	218,721.43		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Process/Eqpt Upgrades	113,743	3,750,000	3,636,256.69		Q4 2023	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Environmental Assessment	428,829	478,033	49,204.35		Complete	Funds will be used for the phase 2 Plant upgrades. Detail design near completion.
Wastewater	Wastewater Plants	Facilities Design Manual	-	95,000	95,000.00		Q4 2022	To start by Q1 2021
Wastewater	Wastewater Plants	Asset Management Plan	-	100,000	100,000.00		Q1 2021	Condition assessment project awarded to consultant. Project is underway.
Wastewater	Wastewater Plants	Belanger Lift Station	11,499	225,000	213,501.09		Q4 2021	Prefeasibility study by Q42020
Wastewater	Wastewater Plants	WWTP Upgrades	1,967,515	2,209,394	241,878.64		Q4 2020	Project construction is almost complete.
Wastewater	Wastewater Plants	Levesque Sewer	531,119	535,000	3,881.21		Q42021	Project construction underway
Wastewater	Wastewater Plants	Lesvesque LS Pumps	-	200,000	200,000.00		Q42021	Project construction underway
Wastewater	Wastewater Plants	Plant Process Energy Optimizat	50,122	54,309	4,187.01		Q4 2021	To be used for upgrading aeration system
Wastewater	Wastewater Plants	Levesque LS Upgrades	273,804	800,000	526,196.32		Q42021	Project construction underway
Wastewater	Wastewater Plants	Sherwood Lift Station	-	1,000,000	1,000,000.00		Q42022	Condition assessment and DD is underway by consultant
Wastewater	Wastewater Plants	Sherwood Forcemain	-	170,000	170,000.00		Q42022	Condition assessment and DD is underway by consultant
Wastewater	Wastewater Plants	Lift Station Upgrades	1,665,871	8,601,521	6,935,649.67		Q4 2022	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Valley East WWTP Upgrade Insp	772,728	900,000	127,271.99		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Concrete Rehab	37,906	200,000	162,094.32		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Dechlorination	307,437	2,046,003	1,738,565.55		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Construction Costs	1,253	434,122	432,868.91		Q4 2021	Phase 2 plant upgrades detail design near completion. Some funds will be used for dechlorination project. Additional funding required for construction in 2021
Wastewater	Wastewater Plants	Process/Eqpt Upgrades	354,117	372,246	18,128.62		Q4 2021	Phase 2 plant upgrades detail design near completion. Some funds will be used for dechlorination project. Additional funding required for construction in 2021
Wastewater	Wastewater Plants	Garson Lagoon	425,593	486,293	60,699.63		Q4 2021	Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Fencing - All Facilities	8,423	37,376	28,953.18		Q3 2021	Design underway
Wastewater	Wastewater Plants	Dowling WWTP	41,374	60,494	19,120.37		Q4 2021	Condition assessment complete. Funds will be used for recommendation implementation.
Wastewater	Wastewater Plants	Lift Station Upgrades	353,345	423,684	70,339.68		Q1 2021	Condition assessment project awarded to consultant. Project is underway.
Wastewater	Wastewater Plants	Upgrade Primary Lagoons	18,977	400,000	381,023.30		Q4 2021	Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Chelmsford Lagoon	2,530	100,000	97,469.79		Q4 2021	Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Upgrade Primary Lagoons	47,946	100,000	52,053.79		Q4 2021	Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Communication/SCADA Upgrades	79,761	112,408	32,647.21		Q4 2021	Ongoing
Wastewater	Wastewater Plants	Standby Power/Parking Lt/RV D	121,167	5,750,000	5,628,832.66		Q4 2021	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Blower Upgrades	531,766	564,954	33,187.87		Q4 2020	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Copper Cliff WW System	9,781,975	10,000,000	218,025.27		Complete	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Misc Plant Repairs	96,667	100,000	3,332.83		Ongoing	Funds to be used for emergency projects. Ongoing

Appendix A - Capital Projects Status Update as at June 30, 2020

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Wastewater	Wastewater Plants	Annual Condition Assessment	-	50,000	50,000.00		Q12021	Condition assessment underway
								Template development complete. Next phase is to complete O&M using the template for all facilities
Wastewater	Wastewater Plants	Operating Manuals	18,387	346,064	327,676.98		Q4 2021	
Wastewater	Wastewater Plants	Generator TSSA Upgrades	1,167,156	1,432,600	265,443.80		Q1 2021	Construction underway
Wastewater	Wastewater Plants	Sudbury WWTP-Compliance Audit	115,228	150,000	34,771.84		Q42020	Septage and HLW Study underway
Wastewater	Wastewater Plants	Sudbury WWTP-Equip Upgrades	82,077	100,000	17,922.60		Ongoing	Ongoing
Wastewater	Wastewater Plants	Lagoon Upgrades	-	89,118	89,118.15		Q4 2021	Detail design is near completion. Tender for construction by Q1 2021
								Walford LS construction complete. Project Under warranty period.
Wastewater	Wastewater Plants	Lift Stn Upgrades/StandbyPower	261,865	900,000	638,135.21		Q4 2022	
Wastewater	Wastewater Plants	Communication/SCADA Upgrades	177,976	179,015	1,038.58		Ongoing	Ongoing
Wastewater	Wastewater Plants	Roofing and Fencing	106,302	150,000	43,697.73		Q42021	Design underway
Wastewater	Wastewater Plants	Condition Assessment	5,135	150,000	144,865.49		Q12021	Condition assessment underway
Wastewater	Wastewater Plants	Miscellaneous Plant Repairs	592,264	602,507	10,243.24		Q12021	WWTP performance Study underway
Wastewater	Wastewater Plants	Security Improvements	-	62,500	62,500.00		Q42021	Design underway
								Template developed. Starting implementation for facilities by end of year
Wastewater	Wastewater Plants	Operating Manuals	-	50,000	50,000.00		Q42021	
								Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Lagoon Upgrades	1,265	100,000	98,734.88		Q4 2021	
Wastewater	Wastewater Plants	Health and Safety Upgrades	2,267	83,831	81,564.03		Q42021	Design underway
Wastewater	Wastewater Plants	Lift Station Upgrades	1,537,791	2,061,390	523,599.23			Complete. Funds used for Levesque LS
Wastewater	Wastewater Plants	Roofing and Fencing	-	30,000	30,000.00		Q42021	Design underway
Wastewater	Wastewater Plants	Effluent System	85,909	108,791	22,881.98		Ongoing	Ongoing
								Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Lagoon Upgrades	1,265	250,000	248,734.88		Q4 2021	
Wastewater	Wastewater Plants	Facility Condition Assessmen	-	125,000	125,000.00		Q42021	To be tendered by Q1 2021
Wastewater	Wastewater Plants	Facility H&S Upgrades	-	50,000	50,000.00		Q4 2021	Design Underway
Wastewater	Wastewater Plants	Facility Security Improvements	-	80,000	80,000.00		Q42021	Design underway
Wastewater	Wastewater Plants	Lift Station Upgrades	884,356	5,500,000	4,615,644.27		Q4 2022	<a href="#">See Detailed Report</a>
Wastewater	Wastewater Plants	Equipment Upgrades	584,053	952,766	368,712.41		Q42020	Project construction is almost complete.
								Procurement underway for dechlorination systems installation
Wastewater	Wastewater Plants	Building Upgrades	-	250,000	250,000.00		Q12021	
								Condition assessment initiated as part of the asset management plan.
Wastewater	Wastewater Plants	Condition Assessment	168,803	600,000	431,196.66		Q42021	
Wastewater	Wastewater Plants	SCADA Upgrades	232,153	520,000	287,846.71		Ongoing	Ongoing upgrades
								Procurement underway for the dechlorination project
Wastewater	Wastewater Plants	Plant Repairs & Equipment Rplm	-	500,000	500,000.00		Q12021	
								Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Lagoon Upgrades	-	1,000,000	1,000,000.00		Q4 2021	
								To implement condition assessment and asset management recommendations
Wastewater	Wastewater Plants	Lift Station Upgrades	-	2,000,000	2,000,000.00		Q42021	
Wastewater	Wastewater Plants	Security Improvements	53,433	233,193	179,760.03		Q42021	Design underway
								Dechlorination project and condition assessment project are underway.
Wastewater	Wastewater Plants	WWTP Upgrades	74,077	699,368	625,291.16		Q42022	
Wastewater	Wastewater Plants	WWTP Upgrades	4,318	946,485	942,166.97	-	Q4 - 2023	<a href="#">See Detailed Report</a>
								Detail design is near completion. Tender for construction by Q1 2021
Wastewater	Wastewater Plants	Wanapitae Lagoon	6,326	150,000	143,674.44		Q4 2021	

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Wastewater	Wastewater Plants	Meatbird Transfer Station	182,982	205,835	22,852.84		Q1 2021	Project is complete, possible invoices remaining to be paid
Wastewater	Wastewater Linear	Hyland Dr-Regent to Winchester	315	-	(315.21)	(315)	2022	In detailed design - to be tendered early in 2021
		<b>Wastewater Total</b>	<b>43,208,890</b>	<b>107,134,460</b>	<b>63,925,570</b>	<b>476,149</b>		
Water	Water Linear	Lively Sewer Upgrades Ph 2-W	-	500,000	500,000.00	-	Q4 2021	Design 90% complete - tendering a phase in late Fall for Winter construction (Off-street)
Water	Water Linear	Distr'n Health and Safety Eq	24,088	25,000	912.34	-	N/A	To purchase Health and Safety Equipment as needed
Water	Water General	AMR Water Meters	697,411	4,489,822	3,792,411.16	-	Q4 - 2022	<a href="#">See Detailed Report</a>
Water	Water Linear	Water Efficiency Plan	50,950	191,554	140,603.61	-	Q3 - 2021	Project tendered and underway
Water	Water Linear	Design - Future Projects	63,877	107,837	43,960.41	-	Q4 2021	Design funds for future capital projects, including engineering, geotech, surveys etc.
Water	Water Linear	Detailed Design	-	609,928	609,928.42		2022	Detailed design of watermain looping to be initiated in early 2020. To be procured via RFP.
Water	Water Linear	Depot Needs Study	67,842	71,683	3,840.08	3,840	Complete	Project complete
								Detailed design underway - Geotechnical Field Study awarded - Study to be completed in Fall 2020
Water	Water Linear	Wahnapiatae Trunk Design	82,663	335,020	252,356.84	-	2022	
Water	Water Linear	Lining Projects	93,388	100,000	6,612.08	6,612	Complete	Project complete
Water	Water Linear	Consulting Fees	127,022	175,000	47,977.69	-	Q3 - 2021	PO issued for balance and work is underway.
Water	Water Linear	Lining Projects	76,294	100,000	23,705.58	23,706	Complete	Project complete
Water	Water Linear	Lorne St / MR55 - Design	255,341	875,000	619,659.47	-	2022	Detailed design 40% complete. Funding is for design, inspection & contract administration.
Water	Water Linear	Preliminary Design	75,678	85,546	9,867.68	-	Q4 - 2021	Preliminary design for future projects, including engineering, geotech and surveys.
Water	Water Linear	Maki Upgrades - Design	-	125,000	125,000.00	-	2022	Preliminary design to be awarded via Standing Offer in early 2021
Water	Water Linear	QA/QC Testing - Linear Works	4,991	100,000	95,008.77	-	Q4 - 2021	Funds utilized as required to pay for materials QA / QC testing during construction on various sites.
Water	Water General	AMR Water Meters	491,697	1,468,818	977,121.52			<a href="#">See Detailed Report</a>
Water	Water Linear	Preliminary Design	-	150,000	150,000.00	-	Q4 2021	Preliminary design for future projects, including engineering, geotech and surveys.
Water	Water Linear	Concrete Pressure Pipe	-	225,000	225,000.00	-	Q4 2021	Condition Assessment to be undertaken in Q2 2021.
Water	Water Linear	Leak Detection Annual Program	177,131	345,269	168,137.54	-	Ongoing	Used to purchase various leak detection equipment and/or contract services for leak detection in alignment with the WWW Asset Management Plan recommendations
Water	Water Linear	Allan Street Bridge	30,837	70,000	39,162.75	-	December 31, 2020	Construction complete in 2020 - waiting for invoicing from outside agencies
Water	Water Linear	Whitefish Rechlorination Stat.	295,329	845,169	549,839.90	-	2022	Preliminary study to determine full scope requires in underway by Consultant
Water	Water Linear	Elgin Street	819,601	917,840	98,238.99	-	Q4 - 2021	Construction moved to 2021

Appendix A - Capital Projects Status Update as at June 30, 2020

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Water	Water Linear	Elm Street (Sudbury)	152,224	910,770	758,545.35	-	December 31, 2020	Construction nearing completion
Water	Water Linear	St Nicholas	356,265	364,593	8,328.36	8,328.36	Complete	Complete
Water	Water Linear	MR 35	47,391	1,287,033	1,239,641.85	-	Q4 - 2021	Construction underway
Water	Water Linear	Water Air Release Valve Assess	13,885	150,000	136,115.33	-	Ongoing	Underway. Air release valve assessment program is on-going.
Water	Water Linear	Backflow Prevention	4,144	20,000	15,855.88	-	Q4 - 2021	Project paused due to staffing vacancies
Water	Water Linear	Wanapitei Trunk Watermain	-	470,000	470,000.00	20,000	Q2 - 2021	Geotechnical Study awarded in September. To be completed in Fall 2020 to allow detailed design to advance
Water	Water Linear	BarryDowne Wesmount-Kingsway	530,241	1,628,841	1,098,600.33	-	2023	Project awarded to consultant
Water	Water Linear	Rita Street Wilfred to Grace	985	205,000	204,014.75	-	Q3 - 2021	Construction underway - to be completed in late Fall 2020 - surface asphalt in Q3 - 2021
Water	Water Linear	Large Water Meter Replacement	18,030	201,895	183,864.69	-	Q4 - 2022	These funds will supplement the AMI/AMI project
Water	Water Linear	Watermain with Roads	9,379	25,753	16,374.39	-	Q4 - 2021	Funds used for watermain construction to accommodate water, sewer or roads priority projects, various locations.
Water	Water Linear	Distribution Support	91,141	141,000	49,859.42	-	Ongoing	Funding for unforeseen, emergency operational needs
Water	Water Linear	Distr'n Health and Safety Eq	40,501	60,000	19,499.44	-	Ongoing	To purchase Health and Safety Equipment as needed
Water	Water Linear	Watermain Air Release Valve	-	100,000	100,000.00	-	Ongoing	Underway. Replacement of air release valves as needed.
Water	Water Linear	FairburnSt-BarrydownetoEastEnd	448	615,000	614,552.12	-	Q3 2021	Under construction - to be completed in 2021
Water	Water Linear	West End Trunk Watermain Repl	140,427	141,331	903.71	904	Complete	Project complete
Water	Water Linear	Water Valve Replacement	49,582	65,490	15,908.36	15,908	Complete	Complete
Water	Water Linear	Westmount-BarrydownetoAttlee	230,164	535,000	304,836.49	-	Q4 2021	Combined with Barrydowne Project - Consultant has been recently retained
Water	Water Linear	Elm St-MaLachlan to Simcoe	711,839	801,364	89,524.80	-	December 31, 2021	ENG 19-17: Beatty & Elm Street (construction in progress) - to be completed in 2020
Water	Water Linear	Preliminary Design	100,198	158,875	58,677.57	-	Q4 - 2021	To be used for design for future projects, various locations.
Water	Water Linear	Kelly Lake Watermain	804,214	1,000,000	195,785.54	-	Q4 - 2021	To be tendered in Fall 2020
Water	Water Linear	Transit Depot Garage Renos	742,567	1,300,001	557,433.47	-	December 31, 2020	will be completed this Fall
Water	Water Linear	1st Ave-Balsam-Allan-Coniston	3,364,048	3,493,615	129,566.81	100,000	Q3 2021	<a href="#">See Detailed Report</a>
Water	Water Linear	Auger Avenue	6,532	500,771	494,238.59	-	Q3 2021	Under construction - to be completed in 2021
Water	Water Linear	William Ave. Bridge (Coniston)	79,475	99,827	20,352.04	20,352	Complete	Complete
Water	Water Linear	Douglas Street Bridge	192,560	220,000	27,440.08	-	Q2 - 2021	Project complete - waiting for various invoices to be submitted
Water	Water Linear	Creighton Road	378,633	550,000	171,366.96	-	Q3 2021	Underway
Water	Water Linear	MR 35	-	863,000	863,000.00	-	2022	Construction underway
Water	Water Linear	Avalon Road	278,921	346,732	67,810.97	67,811	Complete	Complete
Water	Water Linear	McAllister Avenue	644,886	629,240	(15,645.51)	(15,646)	Complete	Complete
Water	Water Linear	Arneaud Street	181,637	300,000	118,362.68	118,363	Complete	In warranty period
Water	Water Linear	Annual Condition Assessment	-	100,000	100,000.00	-	Q4 - 2021	Asset Management Plan Recommendation
Water	Water Linear	Distribution Support	21,460	100,000	78,540.18	-	Ongoing	Funding for unforeseen, emergency operational needs
Water	Water Linear	Water Meter Replacement	-	100,000	100,000.00	-	Q3 - 2022	To be used with AMR/AMI project

Appendix A - Capital Projects Status Update as at June 30, 2020

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Water	Water Linear	Distr'n Health and Safety Eqt	10,852	40,000	29,148.27	-	Ongoing	To purchase Health and Safety Equipment as needed
Water	Water Linear	Watermain Air Release Valve	-	100,000	100,000.00	-	Ongoing	Underway. Used to assess/replace air release valves as needed.
Water	Water Linear	Strategic Planning-	21,878	75,000	53,121.56	-	Q4 - 2021	To be used to update business and tactical plans
Water	Water Linear	Annual Corrosion Protection	(14,181)	-	14,181.43	-	Q4 2021	On-going: to determine pipe segments requiring corrosion protection
Water	Water Linear	Water Valve Replacement	306,318	445,703	139,385.04	-	Ongoing	Underway. To replace valves as needed.
Water	Water Linear	Watermain Rehabilitation	538,971	1,862,868	1,323,896.97	-	Ongoing	Underway. Watermain lining is undertaken annually.
Water	Water Linear	System Improvements	7,632	280,474	272,841.52	-	Q4 2021	On-going: To be used as required in accordance with the City's Cost Sharing Policy.
Water	Water Linear	Water Service Replacement	279,290	317,798	38,508.28	-	Ongoing	Underway. To replace water services as needed.
Water	Water Linear	Maley Drive Watermain	2,416,193	2,656,810	240,617.82	-	Q4 2021	Further work to complete
Water	Water Linear	Sentinel Well -Operation Costs	-	50,000	50,000.00	-	Q4 - 2022	Costs related to sampling/testing of sentinel groundwater monitoring wells within the Valley Water System. Project delayed due to staffing vacancies
Water	Water Linear	Melvin - Kathleen to Mable	233,672	282,496	48,823.44	48,823	Complete	Complete
Water	Water Linear	Bridges & Culvert - Watermains	86,042	91,478	5,436.38	5,436	Complete	Complete
Water	Water Linear	Beatrice Culvert - Watermain	49,775	132,661	82,885.68	82,886	Complete	Complete
Water	Water Linear	Coniston Industrial Park	96,907	2,028,313	1,931,405.28	-	2022	Pending - tender 100% complete - waiting for direction from Development Services
Water	Water Linear	Coniston Seniors Housing WM	-	286,771	286,770.50	-	2022	Waiting for agreement
Water	Water Linear	Vermillion Lake Bridge	112,343	650,000	537,656.74	-	Q3 2021	Construction underway - completion in 2021
Water	Water Linear	Large Water Meter Replacement	-	100,000	100,000.00	-		To be used with AMR/AMI project
Water	Water Linear	Watermain with Roads	-	750,000	750,000.00	-	Q4 2021	To be utilized on projects where Road scope is the main component
Water	Water Linear	Annual Condition Assessment	-	100,000	100,000.00	-	Q4 - 2021	Asset Management Plan Recommendation
Water	Water Linear	Distribution Support	86	40,000	39,914.06	-	Ongoing	Funding for unforeseen, emergency operational needs
Water	Water Linear	Leak Detection Annual Program	-	75,000	75,000.00	-	Ongoing	Used to purchase various leak detection equipment and/or contract services for leak detection in alignment with the WWWW Asset Management Plan recommendations
Water	Water Linear	Watermain Rehabilitation	1,226,571	1,550,000	323,429.41	-	Ongoing	Underway. Watermain lining is undertaken annually.
Water	Water Linear	Water Service Replacement	4,873	100,000	95,126.92	-	Ongoing	Underway. To replace water services as needed.
Water	Water Linear	Preliminary Design	-	25,000	25,000.00	-	Q4 2021	On-going: To be used for design for future projects, various locations.
Water	Water Linear	Valve Inspection & Maintenance	-	200,000	200,000.00	-	Q4 2021	Utilized to undertake maintenance and purchase equipment.

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Water	Water Linear	Sewer & Watermain Contingency	-	259,907	259,907.00	-	Q4 2021	On-going: Funds used for watermain construction to accommodate water, sewer or roads priority projects, various locations.
Water	Water Linear	Cost Sharing Policy App	(22,000)	500,000	522,000.00	-	2022	Waiting for Cost Sharing Policy agreement(s).
Water	Water Linear	Watermain Valve Replacement	-	100,000	100,000.00	-	Ongoing	Underway. To replace valves as needed.
								To purchase Health and Safety Equipment as needed
Water	Water Linear	Distribution H&S Equipment	-	100,000	100,000.00	-	Ongoing	
Water	Water General	AMR Water Meters	48,661	15,603,253	15,554,592.29		Q4 2022	<a href="#">See Detailed Report</a>
								These funds will supplement the AMI/AMI project
Water	Water Linear	Large Water Meter Replacement	-	600,000	600,000.00	-	Q4 - 2022	
Water	Water Linear	10th Ave from MR24 to 9th	-	800,000	800,000.00	-	2022	Design 90% complete - to be tendered in 2021
								Funding for unforeseen, emergency operational needs
Water	Water Linear	Distribution Support	-	100,000	100,000.00	-	Ongoing	
								Underway. Watermain lining is undertaken annually.
Water	Water Linear	Watermain Rehabilitation	1,739	1,600,000	1,598,261.48	-	Ongoing	
								Underway. To replace water services as needed.
Water	Water Linear	Water Service Replacement	-	59,680	59,680.00	-	Ongoing	
Water	Water Linear	Watermain Valve Replacement	-	200,000	200,000.00	-	Ongoing	Underway. To replace valves as needed.
								To purchase Health and Safety Equipment as needed
Water	Water Linear	Distribution H&S Equipment	-	65,000	65,000.00	-	Ongoing	
Water	Water Linear	Watermain Priority Rehab	9	9,255,000	9,254,991.05	-	2022	<a href="#">See Detailed Report</a>
Water	Water Linear	Depot & PW Admin. Upgrades	-	12,500	12,500.00	-	Q3 - 2021	Ongoing project.
Water	Water Linear	10th Ave from MR24 to 9th	96,419	700,000	603,581.13	-	2022	Part of Lively Sewer Upgrades program
								<a href="#">See Detailed Report</a>
Water	Water Linear	Roy Ave-Leon to Rinfret	-	25,000	25,000.00	-	Q4 2021	To be tendered in early 2021
								<a href="#">See Detailed Report</a>
Water	Water Linear	Dean Ave-Lorne to Landsend	107,775	1,100,000	992,224.61	-	Q3 2021	Under construction, final asphalt in 2021
								<a href="#">See Detailed Report</a>
Water	Water Linear	St Brendan-Homewood to Marion	692,613	1,115,000	422,386.86	-	Q2 2021	Project nearing completion
								<a href="#">See Detailed Report</a>
Water	Water Linear	Henry (Garson) from McDougall	-	432,994	432,993.70	-	Q2 2021	Under construction
Water	Water Plants	Miscellaneous Plant Repairs	50,897	51,737	839.52		Ongoing	Ongoing small repairs to plants
								<a href="#">See Detailed Report</a>
Water	Water Linear	Tudor Ct-Windsor to East End	323,868	435,000	111,131.75	-	December 31, 2020	Complete
								<a href="#">See Detailed Report</a>
Water	Water Linear	Hyland Dr-Regent to Winchester	-	45,000	45,000.00	-	2022	In detailed design, to be tendered for 2021
								<a href="#">See Detailed Report</a>
Water	Water Linear	Dell St-Notre Dame to Snowden	18,161	300,000	281,838.64	-	2022	In detailed design, to be tendered for 2021
								<a href="#">See Detailed Report</a>
Water	Water Linear	Jane St - Dean to Easement	-	200,000	200,000.00	-	Q4 2021	Part of Dean Street project
								<a href="#">See Detailed Report</a>
Water	Water Linear	MR24 Truck Watermain	-	50,000	50,000.00	-	2022	to be tendered in early 2021
								<a href="#">See Detailed Report</a>
Water	Water Linear	Ash Street (Lively)	582	800,000	799,417.84	-	Q2 2021	Construction nearing completion
								<a href="#">See Detailed Report</a>
Water	Water Linear	St Nichlas St - St Brendan	87,148	202,875	115,727.23	-	Q2 2021	Construction complete - in warranty
								<a href="#">See Detailed Report</a>
Water	Water Linear	Allan St Bridge Watermain	262,995	350,000	87,004.52	30,000	Q3 2021	Construction complete in 2020 - waiting for invoicing from outside agencies

Appendix A - Capital Projects Status Update as at June 30, 2020

Purpose: Listing of active capital projects with a remaining budget that is unspent as of June 30, 2020. The remaining budget is before any purchase orders, contracts, tenders and work to be completed and paid in 2020 and future years.

Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Linear	Watermain Priority Rehab	-	1,247,006	1,247,006.30	-	2022	<a href="#">See Detailed Report</a> On-going: various projects in various phases. Some under construction, design or to be tendered in early 2021
Water	Water Plants	Asset Management Software	-	75,000	75,000.00		Q1 2021	Template is under development. The software selection will be finalized by early 2021.
Water	Water Plants	Groundwater Studies	140,205	173,749	33,543.95		Q4 2022	Procurement by q4 2020
Water	Water Plants	SCADA Master Plan	337,588	625,000	287,412.00		Q42022	Procurement by Q12021
Water	Water Plants	Plant Process Energy Optimizat	82,823	380,250	297,426.92		Q42021	Procurement by Q42020 for David WTP plant process
Water	Water Plants	Operational Optimization	27,911	250,000	222,089.48		Q42021	Consultant undertaking operational optimization study, implementation of recommendations to follow
Water	Water Plants	Procedural Manual W WW	11,783	65,000	53,217.44		Q42021	Template developed. Starting implementation for facilities by end of year
Water	Water Plants	Facilities Design Manual	-	95,000	95,000.00		Q42022	To be procured by Q1 2021
Water	Water Plants	Asset Management Plan	1,849	100,000	98,150.51		Q1 2021	Condition assessment project awarded to consultant. Project is underway.
Water	Water Plants	Source Protection Plan	3,424	29,463	26,039.13		Q42021	Under procurement. Update tier 3 water study
Water	Water Plants	Well Facility Audit	64,912	100,000	35,088.49		Q42021	Assessment underway
Water	Water Plants	Business Plan	-	25,000	25,000.00		Q42021	To be used for business plan and KPI development
Water	Water Plants	Strategic Planning-	11,277	30,000	18,722.89		Q42021	To be used for business plan and KPI development
Water	Water Plants	Booster Station Upgrades	181,316	213,708	32,391.99		Ongoing	To be used for other booster stations equipment upgrades or for emergency repairs
Water	Water Plants	Process/Eqpt Upgrades	283,710	496,191	212,480.56		Q42021	Condition assessment and HVAC system underway
Water	Water Plants	Well Inspection Rehab	1,540,401	1,578,622	38,221.13		Q42021	New contract scheduled for Q42020
Water	Water Plants	Val Caron Booster Upgrade	188,083	310,855	122,772.15		Q42021	Under construction
Water	Water Plants	Well Building Upgrades	80,059	117,302	37,243.04		Q42021	Construction underway. Next phase to start once the existing construction is complete.
Water	Water Plants	Onaping Wells Caustic Soda	363,668	410,849	47,181.64		Ongoing	Ongoing
Water	Water Plants	Water Filling Station	182,660	398,016	215,355.81		Ongoing	To be used for equipment upgrades
Water	Water Plants	Transformer Upgrades	910,757	1,300,000	389,243.18		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Leak Detection Annual Program	26,934	200,000	173,066.47		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Filter Blower Replacement	65,929	490,000	424,071.29		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Entrance Modification	-	715,000	715,000.00		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Intake Pump Replacement	-	350,000	350,000.00		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Annual Corrosion Protection	5,274	150,000	144,726.40		Q42021	<a href="#">See Detailed Report</a>
Water	Water Plants	Miscellaneous Plant Repairs	76,104	826,392	750,288.31		Q42021	<a href="#">See Detailed Report</a>
Water	Water Plants	Filter Replacement	17,461	250,000	232,539.12		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Reactivator Upgrades	181,195	1,700,000	1,518,805.04		Q3 2022	<a href="#">See Detailed Report</a>
Water	Water Plants	Kingsway BS-Demo Moss Montrose	-	830,000	830,000.00		Q42021	Design complete for Kingsway BS. Montrose BS is under construction
Water	Water Plants	David St WTP-Plant Repairs	5,816	50,000	44,184.40		Q12021	Condition assessment is underway

Appendix A - Capital Projects Status Update as at June 30, 2020

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
Water	Water Plants	Storage Tank Inspection	721,969	1,100,520	378,551.06		Q42021	Inspection and rehab underway
Water	Water Plants	SCADA Upgrades	249,200	400,373	151,172.88		Ongoing	Ongoing upgrades
Water	Water Plants	Operating Manuals	35,727	304,334	268,607.27		Q42021	Template developed. Starting implementation for facilities by end of year
Water	Water Plants	Plant Repairs & Equipment Rplm	57,510	100,000	42,490.24		Ongoing	Ongoing small repairs to water plants
Water	Water Plants	Health and Safety Upgrades	16,120	468,319	452,199.01		Q42021	To be used for implemting condition assesment recommendations
Water	Water Plants	Montrose	-	275,000	275,000.00		Q42021	Under construction
Water	Water Plants	Well Building Upgrades	393,365	997,593	604,227.63		Q2 2021	Contract administration and Construction underway.
Water	Water Plants	Well Inspection Rehab	249,172	250,000	827.85		Q42021	To be used in next phase
Water	Water Plants	Val Caron Booster Upgrade	-	2,569,485	2,569,484.68		Q42021	Construction underway
Water	Water Plants	Miscellaneous Plant Repairs	-	123,497	123,497.21		Ongoing	Ongoing small repairs to water plants
Water	Water Plants	SCADA Upgrades	76,184	250,000	173,816.15		Ongoing	Ongoing upgrades
Water	Water Plants	Security Improvements	-	37,500	37,500.00		Q42021	In procurement process to upgrade hardware and software safety systems including communication, camera, alarms systems
Water	Water Plants	Groundwater Studies	-	25,000	25,000.00		Q42022	Procurement by q42020
Water	Water Plants	Operating Manuals	-	50,000	50,000.00		Q42021	Template developed. Starting implementation for facilities by end of year
Water	Water Plants	Valley Wells Process Upgrades	36,430	200,000	163,570.03		Q2021	Construction underway. Next phase to start once the existing construction is complete.
Water	Water Plants	Sentinel Wells System	-	150,000	150,000.00		Q42021	Under procurement. Update tier 3 water study
Water	Water Plants	David St WTP-Plant Repairs	-	50,000	50,000.00		Q42021	Condition assessment is underway
Water	Water Plants	Well Building Upgrades	-	1,802,445	1,802,444.98		Q42021	Once the existing project with PCL is complete. We will be engaging in second phase of remaining wells
Water	Water Plants	Well Inspection Rehab	23,431	310,000	286,568.70		Q42021	To be used in next phase
Water	Water Plants	Storage Tank Inspection	-	200,000	200,000.00		Q42021	Rehab underway
Water	Water Plants	Operating Manuals	-	50,000	50,000.00		Q42021	Template developed. Starting implementation for facilities by end of year
Water	Water Plants	Valley Wells Upgrades	2,112,611	4,088,296	1,975,684.81		Q32021	<a href="#">See Detailed Report</a>
Water	Water Plants	Well Process Upgrades	-	500,000	500,000.00		Q42021	Design is underway
Water	Water Plants	Facility Repairs & Equipment	-	100,000	100,000.00		Q4 2022	Funds to be used for emergency repair and equipment replacement
Water	Water Plants	Facility Condition Assessmen	-	250,000	250,000.00		Q12021	Condition assessment is underway
Water	Water Plants	Facility H&S Upgrades	-	50,000	50,000.00		Ongoing	Ongoing upgrades
Water	Water Plants	Facility Security Improvements	-	75,000	75,000.00		Ongoing	Ongoing upgrades as needed
Water	Water Plants	Condition Assessment	-	75,000	75,000.00		Q12021	Condition assessment is underway
Water	Water Plants	Storage Tank Inspection	-	500,000	500,000.00		Q42021	Inspection and rehab underway
Water	Water Plants	Well Bldg Repairs/Upgrades	13,626	500,000	486,374.31		Q42022	EA underway
Water	Water Plants	Well Inspection & Rehab	-	500,000	500,000.00		Q42021	New contract scheduled for Q42020
Water	Water Plants	Plant Asset Renewal	-	150,000	150,000.00		Ongoing	To be used for equipment renewal and process improvement
Water	Water Plants	Health and Safety Upgrades	-	50,000	50,000.00		Q42021	To be used for implemting condition assesment recommendations

Appendix A - Capital Projects Status Update as at June 30, 2020

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Department	Section	Project Description	Project Actual	Project Budget	Remaining Budget Excluding PO's	Expected Surplus/Deficit	Expected Completion Date	Status Comment
								In procurement process to upgrade hardware and software safety systems including communication, camera, alarms systems.
Water	Water Plants	Security Improvements	26,425	488,068	461,643.03		Q42021	
Water	Water Linear	Automatic Vehicle Locator	196,696	196,554	(141.73)	(142)	Complete	This phase of project is complete.
Water	Water Linear	Attlee - Gemmell to Lasalle	867,992	867,982	(10.06)	-	Complete	Complete
Water	Water Linear	O'Neil Dr E-Penman to Margaret	480,644	475,000	(5,644.42)	-	Q2 - 2021	<a href="#">See Detailed Report</a>
Water	Water Plants	Generator TSSA Upgrades	360,506	358,252	(2,253.99)		Q1 2021	Project is almost complete
Water	Water Works	Source Protection Plan	4,579	195,743	191,163.83	20,000	Q4 - 2021	Project delayed due to staffing vacancies.
Water	Water Works	Strategic Planning-	10,074	25,000	14,925.75	-	Q3 - 2021	Ongoing project.
								update underground water balance and implement monitoring wells as part of source protection. Project delayed due to staffing vacancies
Water	Water Works	Sentinel Wells System	-	50,000	50,000.00	-	Q4 - 2021	
Water	Water Works	Hydraulic Model Licence	6,920	7,500	580.31	580	Complete	Licence purchased.
Water	Water Works	GIS/Mtce Management Systems	106,882	195,413	88,531.15	-	Q4 - 2021	Ongoing project.
Water	Water Works	Master Plan & Asset Management	-	442,372	442,371.50	-	Q4 - 2021	Project delayed due to staffing vacancies.
Water	Water Works	Depot & PW Admin. Upgrades	-	12,500	12,500.00	-	Q3 - 2021	Ongoing project.
<b>Water Total</b>			<b>30,509,205</b>	<b>110,151,081</b>	<b>79,641,876</b>	<b>557,762</b>		
<b>Grand Total</b>			<b>321,764,493</b>	<b>816,250,125</b>	<b>494,485,631</b>	<b>4,063,595</b>		

**Appendix B - Large Capital Projects Status Update**

**Event Centre**

**Department:** CAO & Communications

**Section:** Event Center  
**Expected Completion Date:** Unknown

**Project Highlights:** The Event Centre is proposed to have 5,800 seats as a sporting venue and 6,500 seats for concerts and is to be located at the Kingsway Entertainment District.

**Accomplishments to Date:** The Event Centre has received approval from Council for the rezoning, which have been appealed to the LPAT process. A cost sharing agreement has been signed with the partners, and the site design and preparation/tendering of the Design-Build RFP is proceeding.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Construction Costs	\$ 2,479,248	\$ 100,454,834	\$ 97,975,586	\$ -
<b>Total</b>	<b>\$ 2,479,247.99</b>	<b>\$ 100,454,834</b>	<b>\$ 97,975,586</b>	<b>\$ -</b>

Funding	
Capital Reserves	\$ 325,000
Recoveries	\$ 10,129,834
Debt	\$ 90,000,000
<b>Total</b>	<b>\$ 100,454,834</b>

Appendix B - Large Capital Projects Status Update

The Junction

Department: CAO & Communications Section: The Junction  
Expected Completion Date: Unknown

**Project Highlights:** Anticipate an internal recovery of approximately \$18,000 to cover costs for CBRE work directed by Council via FA2020-06 regarding the unsolicited proposal for a World Trade Centre

**Accomplishments to Date:**  
Junction East  
 -Evaluation and award of CAO19-180 for Architectural and Engineering Services for the Library / Art Gallery  
 -Established Internal Technical Team to support the development of Junction East  
 -Completed a number of foundational Project Management documents (Communication and Engagement Plan, Risk Management Plan, Stakeholder Management Plan, etc.)  
 -Continued work with potential partners - STC and SMFAA  
 -Continued work on funding applicaitons  
Junction West  
 - CBRE completed assessment of proposed World Trade Centre Greater Sudbury Impacts for the Junction West Project

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
The Junction	\$ 646,506	\$ 670,000	\$ 23,494	\$ -
<b>Total</b>	<b>\$ 646,506</b>	<b>\$ 670,000</b>	<b>\$ 23,494</b>	<b>\$ -</b>

Funding	
Capital Reserves	\$ 622,500
Recoveries	\$ 47,500
<b>Total</b>	<b>\$ 670,000</b>

AODA Assessment & Reports

Department: Community Development Section: CD Facilities  
Expected Completion Date: 2022 Q4

**Project Highlights:** Accessibility for Ontarians with Disabilities Act (AODA) assessments are used to better understand the current accessibility of city facilities (including Leisure, Citizen Services, Firehalls/EMS, Public Works, Administration). Citizens have increasingly requested more AODA related items, and this request will begin the ground work to achieve that goal. The assessments are required to understand in better detail than a Building Condition Assessment (BCA) of what modifications will need to be made to the facilities be become AODA compliant. This is a provincial government mandated regulation and reports are required to be obtained. This request would allow the completion of assessments for all required city facilities over several years. These reports are intended to be read in conjunction with a BCA report.

**Accomplishments to Date:** Consultant contract was assigned in August 2020, and they are now on site performing reviews. Work is multi-year (2020 through to 2022) and reports to be provided in batches as reviews progress.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
AODA Assessment & Reports	\$ -	\$ 1,050,000	\$ 1,050,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 1,050,000</b>	<b>\$ 1,050,000</b>	<b>\$ -</b>

Funding	
Debt	\$ 1,050,000
<b>Total</b>	<b>\$ 1,050,000</b>

**Appendix B - Large Capital Projects Status Update**

**Playground Revitalization**

**Department:** Community Development **Section:** Leisure Services  
**Expected Completion Date:** October 31, 2020

**Project Highlights:** As part of the 2018 budget, City Council approved \$2.3 million from HCI funds (or \$150,000 annually from years 2018 to 2039 plus interest) toward the Playground Revitalization project. This project is a phased renewal of several municipal playgrounds identified as being in poor condition over the next few years.

**Accomplishments to Date:** Algoma Tot Lot - Playground installed - border edging required  
 Doug mohns Sports Complex - Playground installed - border edging required  
 Queens Athletic Sports Complex - Work in progress  
 Participation Tot Lot - Playground installed - border edging required  
 Russel Beaudry Park - Work in progress  
 Meatbird Park - Project cancelled. budget would be utilized to revitalize other pool playgrounds

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lakeview Playground	\$ 82,391	\$ 82,391	\$ -	\$ -
Selkirk Park	\$ 71,636	\$ 80,000	\$ 8,364	\$ -
Lonsdale Playground	\$ 82,876	\$ 82,876	\$ -	\$ -
St. Joseph Playground	\$ 122,906	\$ 122,906	\$ -	\$ -
Hillcrest Playground	\$ 81,527	\$ 81,527	\$ -	\$ -
Place Hurtubise Playground	\$ 82,184	\$ 82,184	\$ -	\$ -
Penman Park	\$ 84,662	\$ 84,662	\$ -	\$ -
East Street Tot	\$ 71,263	\$ 80,000	\$ 8,737	\$ -
Howard Armstrong Sport Complex	\$ 74,261	\$ 80,000	\$ 5,739	\$ -
Sixth Avenue Playground	\$ 104,239	\$ 104,239	\$ -	\$ -
Pinecrest Tot Lot	\$ 101,074	\$ 101,074	\$ -	\$ -
Cote Park	\$ 73,200	\$ 80,000	\$ 6,800	\$ -
Columbus Tot Lot	\$ 66,774	\$ 70,000	\$ 3,226	\$ -
Algoma Tot Lot	\$ 332	\$ 70,000	\$ 69,669	\$ -
Cedar Park Playground	\$ 3,342	\$ 100,000	\$ 96,659	\$ -
Doug Mohns Sports Complex	\$ 776	\$ 100,000	\$ 99,224	\$ -
Queens Athletic Sports Complex	\$ 32,730	\$ 100,000	\$ 67,270	\$ -
Participation Tot Lot	\$ 532	\$ 70,000	\$ 69,469	\$ -
Birch Tot Lot	\$ 35,758	\$ 70,000	\$ 34,242	\$ -
Eyre Playground	\$ 14,057	\$ 70,000	\$ 55,944	\$ -
McMillan Tot Lot	\$ 10,992	\$ 70,000	\$ 59,008	\$ -
Catherine Park	\$ 87,853	\$ 70,000	\$ (17,853)	\$ -
Paquette Tot Lot	\$ 67,269	\$ 70,000	\$ 2,731	\$ -
Russell Beaudry Park	\$ 6,420	\$ 100,000	\$ 93,580	\$ -
Ravine Park	\$ 2,032	\$ 70,000	\$ 67,969	\$ -
Meatbird Park	\$ 689	\$ 100,000	\$ 99,311	\$ -
Ray Street Tot Lot	\$ 70,107	\$ 70,000	\$ (107)	\$ -
Project Costs	\$ 1,386	\$ 38,142	\$ 36,756	\$ -
<b>Total</b>	<b>\$ 1,433,265</b>	<b>\$ 2,300,000</b>	<b>\$ 866,735</b>	<b>\$ -</b>

Funding	
Debt	\$ 2,300,000
<b>Total</b>	<b>\$ 2,300,000</b>

**Dowling Leisure Centre Roof**

**Department:** Community Development **Section:** Leisure Services  
**Expected Completion Date:** December 2020

**Project Highlights:** The Dowling Leisure Centre and Citizen Service Centre Building Envelope is in poor to severe condition and needs refurbishment. The metal roof is original, and the required updates include new roofing, windows & doors as well as façade/siding. Water leakage into the facility is an on going issue with every rainfall and thaw. There is a high risk of further deterioration of exterior wall system.

**Accomplishments to Date:** Contractor started work on site August 2020. Painting of existing siding completed. Structure upgrades and roofing to start in September 2020. Work is anticipated to be completed November 2020 (with good weather).

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Dowling Leisure Centre Roof	\$ 16,125	\$ 1,250,000	\$ 1,233,875	\$ 600,000
<b>Total</b>	<b>\$ 16,125</b>	<b>\$ 1,250,000</b>	<b>\$ 1,233,875</b>	<b>\$ 600,000</b>

Funding	
Annual Contribution to Capital	\$ 1,250,000
<b>Total</b>	<b>\$ 1,250,000</b>

Appendix B - Large Capital Projects Status Update

HARC - Building Envelope

**Department:** Community Development **Section:** Leisure Services  
**Expected Completion Date:** December 2021

**Project Highlights:** Howard Armstrong Recreation Centre was constructed in 1983, and has not had any major HVAC, roof, windows and doors, repairs and/or refurbishment to the track side systems. This budget request is for the roof and HVAC replacements. Further review and updates are required for the roofing systems due to age and deteriorating condition. The facility has several roofs and a consultant review of the roofs was performed utilizing infrared scanning that revealed the roofs are saturated with water. It was determined that no patching mitigation can be provided, and a full roof replacement is necessary. The track-side HVAC system is past life and requires replacement as many components are significantly degraded.

**Accomplishments to Date:** Roof work was completed in June 2020. HVAC work was tendered in July 2020 and contract awarded. Work beginning mid-September 2020. Duration of work will be approximately 18 months (completion 2021-Q4).

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
HARC - Building Envelope	\$ 458,131	\$ 2,250,000	\$ 1,791,869	\$ -
<b>Total</b>	<b>\$ 458,131</b>	<b>\$ 2,250,000</b>	<b>\$ 1,791,869</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,250,000
<b>Total</b>	<b>\$ 2,250,000</b>

Accelerated Rebuild

**Department:** Community Development **Section:** Transit Services  
**Expected Completion Date:** March-20

**Project Highlights:** Opportunity for Transit (with assistance from Fleet Services) to accelerate the mid life rebuild of 25 transit buses to assist with achieving the City's bus replacement plan.

**Accomplishments to Date:** Project was led by Fleet and main objective was fully achieved by Q1 of 2020

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Accelerated Rebuild	\$ 1,334,477	\$ 1,350,000	\$ 15,523	\$ 15,523
<b>Total</b>	<b>\$ 1,334,477</b>	<b>\$ 1,350,000</b>	<b>\$ 15,523</b>	<b>\$ 15,523</b>

Funding	
Provincial Grant - ICIP	\$ 675,000
Provincial Grant - Gas Tax	\$ 675,000
<b>Total</b>	<b>\$ 1,350,000</b>

Replacement Buses

**Department:** Community Development **Section:** Transit Services  
**Expected Completion Date:** April-21

**Project Highlights:** Leveraging the funding from the ICIP, the City will purchase 53 replacement buses (40' low floor diesel) over eight years. The purpose of this project is to improve the reliability of the City's bus fleet which would lead to a better rider experience. It would also align the life cycle of the City's bus fleet with peer transit providers and industry standards. Staggering the purchases will reduce significant one-time financial burden related to replacement.

**Accomplishments to Date:** The first order has been placed for 10 40' Low Floor Diesel buses. Expected delivery date April 2021.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Replacement Buses	\$ -	\$ 6,540,000	\$ 6,540,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 6,540,000</b>	<b>\$ 6,540,000</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 1,024,800
Federal Grant	\$ 3,270,000
Provincial Grant - ICIP	\$ 1,504,200
Provincial Grant - Gas Tax	\$ 741,000
<b>Total</b>	<b>\$ 6,540,000</b>



Appendix B - Large Capital Projects Status Update

Ladder Truck

Department: Community Safety Section: Fire Services  
 Expected Completion Date: December 31, 2020

**Project Highlights:** Greater Sudbury Fire Services developed an RFP for an aerial ladder truck and went to tender in 2018. The truck build was awarded to E-One. The truck is a 100' platform ladder.

**Accomplishments to Date:** The ladder truck is in final stages of inspection with an expected delivery of October 2020. The ladder must be moved from USA to Canada before pre-delivery inspections can occur.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Ladder Truck	\$ 32,690	\$ 1,526,926	\$ 1,494,236	\$ -

Funding	
Annual Contribution to Capital	\$ 462,645
Internal Financing	\$ 1,064,281
<b>Total</b>	<b>\$ 1,526,926</b>

Fire Engine

Department: Community Safety Section: Fire Services  
 Expected Completion Date: March 1, 2021

**Project Highlights:** Greater Sudbury Fire Services operates a fleet of 23 engine apparatus as part of a total fleet of 73 emergency response vehicles. In order to maintain this fleet, engine apparatus should remain under the critical age threshold of 20 years as defined by the National Fire Protection Association (NFPA) and the Fire Underwriter's Survey. Two new engines are to be purchased in 2020.

**Accomplishments to Date:** The three fire engines are in production in the USA and are on their build target schedule. Delivery is not expected until 2021 due to COVID.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Fire Engine	\$ -	\$ 2,630,484	\$ 2,630,484	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 2,630,484</b>	<b>\$ 2,630,484</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,630,484
<b>Total</b>	<b>\$ 2,630,484</b>

Solar Panels

Department: Corporate Services Section: Assets  
 Expected Completion Date: October 2020

**Project Highlights:** In 2015, the Independent Electricity System Operator (IESO) issued incentives to municipalities for provisions of more environmentally friendly power generation solutions. The City installed solar panel systems at two facilities - Pioneer Manor and Countryside Arena.

**Accomplishments to Date:** The inactive solar panel equipment was refurbished and repaired (about 95% complete). There was a delay in completion of the work in May 2020 due to COVID for this long term care facility, as the contractors are from Southern Ontario and were not travelling during 2020-Q2 and 2020-Q3. We expect the minor remaining work (about 5% remaining) will be finalized in late October 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Solar Panels	\$ 1,644,438	\$ 1,744,568	\$ 100,130	\$ -

Funding	
Capital Reserves	\$ 1,744,568
<b>Total</b>	<b>\$ 1,744,568</b>

Appendix B - Large Capital Projects Status Update

LED Streetlight Conversion

Department: Corporate Services Section: Energy Initiatives  
 Expected Completion Date: December 2021

**Project Highlights:** The projects objective is to convert the remaining HPS streetlights to LED by entering into an agreement with AMO/Real Term Energy in accordance with the report from the General Manager of Corporate Services dated November 29, 2019.

**Accomplishments to Date:** Currently approximately 78% of the streetlights have been converted to LED lights. The project is still on budget and substantial completion expected November 30, 2020

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
LED Streetlight Conversion	\$ -	\$ 6,689,871	\$ 6,689,871	\$ -

Funding	
Capital Reserves	\$ 6,145,772
Recoveries	\$ 544,099
<b>Total</b>	<b>\$ 6,689,871</b>

CRM System

Department: Corporate Services Section: Information Technology  
 Expected Completion Date: 2nd quarter of 2021

**Project Highlights:** The City's current Customer Relationship Management (CRM) system, which was implemented over a decade ago, must be replaced because it is no longer being supported by its vendor. This foundational municipal system is used to track requests for municipal service and customer interactions for business units across the organization. Over 300 different types of service requests are reported through the CRM, and approximately 42,500 files are created in the CRM system every year.

**Accomplishments to Date:** Executed contract in February 2020, completed solution definition document in July 2020, commenced system configuration and custom software development in July 2020, completed system administration training in August 2020. Go live of Phase 1 scheduled by the end of 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
CRM System	\$ 280,566	\$ 2,052,419	\$ 1,771,853	\$ 200,000
<b>Total</b>	<b>\$ 280,566</b>	<b>\$ 2,052,419</b>	<b>\$ 1,771,853</b>	<b>\$ 200,000</b>

Funding	
Annual Contribution to Capital	\$ 2,052,419
<b>Total</b>	<b>\$ 2,052,419</b>

LMIS Phase 1

Department: Corporate Services Section: Information Technology  
 Expected Completion Date: December 2021

**Project Highlights:** The integrated Land Management Information System (LMIS) will be a citywide, property centric system that provides a comprehensive history of all development, permitting, licensing, inspections, and bylaw related activities for properties and land in the City. The system includes real time mobile tools for field staff, the integration of financial transactions to business processes, applicant access to tools to submit and track applications online, electronic plans review, and public access via the City's website to query the City's planning and development related records.

This recommendation covers implementation of the first phase of the project, which focuses upon building and planning processes.

This project was previously approved in the 2019 Capital Budget, with work extending into 2020 and 2021. An adjusted cashflow is shown below.

**Accomplishments to Date:** Completed bid solicitation documents in May 2020, published RFP in April 2020, commenced evaluation of RFP submissions in May 2020 with a preferred proponent scheduled to be selected in September 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
LMIS Phase 1	\$ -	\$ 1,513,791	\$ 1,513,791	\$ -
Contribution to Operating	\$ 135,475	\$ 106,331	\$ (29,144)	\$ -
<b>Total</b>	<b>\$ 135,475</b>	<b>\$ 1,620,122</b>	<b>\$ 1,484,647</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 315,024
Obligatory Reserves - Building Permit Stabilization	\$ 1,305,098
<b>Total</b>	<b>\$ 1,620,122</b>

Appendix B - Large Capital Projects Status Update

MMMS

**Department:** Corporate Services **Section:** Information Technology  
**Expected Completion Date:** 2022 Q4

**Project Highlights:** The new CMMS (Computerized Maintenance Management System) replaced the legacy MMMS system originally implemented in the 1970s. The new system is called CitywOrks and has been implemented to manage work for linear assets in Roads and Water/Wastewater. Crews are using this system integrated to our ERP Financial/HR , CRM and GIS systems to plan and assign work. The first phase of the project has been completed and continued enhancements are being implemented via a continuously updated Program plan.

**Accomplishments to Date:** Road and Water/Wastewater use the system to manage service requests and track activities to costs at a detailed level for staff, equipment and materials. Currently ongoing projects: CCTV project to integrate water/waste water inspections; project to onboard plants into Cityworks; integration with the new CRM; plus other enhancements.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MMMS	\$ 882,761	\$ 1,382,761	\$ 500,000	\$ -
Contribution to Operating	\$ 219,819	\$ 219,819	\$ -	\$ -
<b>Total</b>	<b>\$ 1,102,580</b>	<b>\$ 1,602,580</b>	<b>\$ 500,000</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 1,572,580
Capital Reserves	\$ 30,000
<b>Total</b>	<b>\$ 1,602,580</b>

Modern Employee Tools: Email, Collaboration, Mobility

**Department:** Corporate Services **Section:** Information Technology  
**Expected Completion Date:** 2022 Q4

**Project Highlights:** The 2018 Corporate Information and Technology Strategic Plan recommends the implementation of modernized communication and collaboration tools to assure municipal services are appropriately supported by technology, and performance meets end user expectations; including staff and the customer.

In support of the strategy, this project will deliver a modern employee computing experience. It will deploy a base of common enabling tools relating to email and calendaring, video conferencing and online meetings, mobility management, document management and collaboration, and team collaboration. It will enhance the experience with city owned devices and allow staff to securely use their own devices. It will reduce travel time by enabling virtual meetings. It will provide access to business tools anywhere, anytime from any device. It will allow advanced threat protection to protect the City's corporate data.

The result will be a more productive, collaborative and modern workplace environment.

**Accomplishments to Date:** Project planning is underway. Work has also begun on early roll-out / adoption to support staff through the COVID-19 crisis.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Modern Employee Tools	\$ -	\$ 975,000	\$ 975,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 975,000</b>	<b>\$ 975,000</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 819,959
Capital Reserves	\$ 155,041
<b>Total</b>	<b>\$ 975,000</b>

Appendix B - Large Capital Projects Status Update

Generator Replacement

**Department:** Corporate Services **Section:** Tom Davies Square  
**Expected Completion Date:** August 2020

**Project Highlights:** TDS Complex had four aging and past life emergency system back up generators throughout the entire complex. This project replaced all four old generators, with one new, more powerful unit that supplies emergency backup power for all three towers, and nearly full backup for all of 190 Brady. Also, installed a redundant connection point at Paris Street.

**Accomplishments to Date:** The four existing generators were removed and replaced with one modern unit capable of backing up all critical systems in all three TDS towers for various departments, including GSPS and Provincial tenants. Work was completed 2019-Q4, and some minor enhancement modifications to the system were completed in 2020-July.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Generator Replacement Equipment	\$ 1,010,353	\$ 1,065,430	\$ 55,077	\$ 18,947
Generator Replacement Consultant Costs	\$ 50,173	\$ 60,827	\$ 10,654	\$ 4,653
<b>Total</b>	<b>\$ 1,060,526</b>	<b>\$ 1,126,257</b>	<b>\$ 65,731</b>	<b>\$ 23,600</b>

Funding	
Annual Contribution to Capital	\$ 615,035
Capital Reserves	\$ 511,222
<b>Total</b>	<b>\$ 1,126,257</b>

Elevator Upgrades

**Department:** Corporate Services **Section:** Tom Davies Square  
**Expected Completion Date:** December 2020

**Project Highlights:** Existing original (circa 1972) elevators were past life and failing. This project involves replacement of the old elevators with new modern equipment. Also, the old security desk has been replaced with an office. Public are now addressed and directed to the Citizen Service Centre across the lobby instead of security.

**Accomplishments to Date:** The elevator project is substantially completed in January 29, 2020. We replaced the two aged (approx 40+ year old) units with two modern hydraulic elevators, and upgraded the electrical and security systems. The project also included upgrades for the security desk and finishes in the lobby to provide a modern and pleasing aesthetic.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Elevator Upgrades	\$ 2,761,821	\$ 2,974,069	\$ 212,248	\$ 172,454

Funding	
Annual Contribution to Capital	\$ 490,569
Capital Reserves	\$ 2,483,500
<b>Total</b>	<b>\$ 2,974,069</b>

Courtyard Renovation

**Department:** Corporate Services **Section:** Tom Davies Square  
**Expected Completion Date:** December 2020

**Project Highlights:** Existing courtyard was original to the facility and had minor updates over the years, but several locations also had water leaking to parking garage underneath. We updated the appearance of the courtyard, and upgraded the waterproofing (roof of the underground parking garage).

**Accomplishments to Date:** The project was the modernization of the courtyard. We eliminated the aged fountain, upgraded the original 40+ year old waterproofing membrane above the parking garage, and provided a modern aesthetic with seating and stage areas as the refurbishment to the area. We are in discussion with the contractor for completion of the remaining items.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Courtyard Renovation - Larch St	\$ 1,120,875	\$ 1,310,000	\$ 189,125	\$ 189,125
Courtyard Renovation	\$ 8,969,837	\$ 8,988,478	\$ 18,641	\$ (39,325)
<b>Total</b>	<b>\$ 10,090,712</b>	<b>\$ 10,298,478</b>	<b>\$ 207,766</b>	<b>\$ 149,800</b>

Funding	
Annual Contribution to Capital	\$ 1,359,476
Capital Reserves	\$ 8,060,000
Federal Grant	\$ 100,000
Future Financing	\$ 779,002
<b>Total</b>	<b>\$ 10,298,478</b>

Appendix B - Large Capital Projects Status Update

Electrical Services Gear

**Department:** Corporate Services **Section:** Tom Davies Square  
**Expected Completion Date:** 2021-Q4

**Project Highlights:** The TDS complex was originally constructed in two separate projects - 1972 for 190/200 Brady (TDS Complex), and 1978 for 199 Larch for the Province of Ontario. The mechanical and electrical systems are separate between TDS and 199 Larch complexes. The TDS complex (190 and 200 Brady) share the main incoming electrical switchgear components between the two towers. The electrical system is considered mission critical. Failure in any one branch of the system will impact service of the facility. This project will involve the replacement of various equipment that serve as main feeder power supply and distribution network for the complex. The electrical equipment are generally in poor to fair condition, past expected life (obsolete) and replacement of the equipment is a priority. The project will be complicated in terms of logistically coordinating the work as to not interfere with the operations of the City.

**Accomplishments to Date:** We have tendered the consultant. They have provided their site review for scope, and we await their design package for the electrical service gear upgrades. The consultant is in the process of refining and completing the drawings and specifications. We expect to tender in September, with work beginning on site in November 2020 and completion anticipated for 2021-Q4.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Electrical Services Gear	\$ -	\$ 2,100,000	\$ 2,100,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,100,000
<b>Total</b>	<b>\$ 2,100,000</b>

Various Bridge Repairs

**Department:** Growth & Infrastructure **Section:** Bridges  
**Expected Completion Date:** December 31, 2021

**Project Highlights:** Replacement/rehabilitation of various large culverts/bridges. Restoration and final surface asphalt required at some locations. Remaining budget to be rolled forward to the 2019 account for various bridge/culvert repair.

**Accomplishments to Date:** Various bridge and culvert repairs that are planned capital work or unforeseen work based on Operations Staff observations for Consultant Inspection recommendations.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Various Bridge Repairs	\$ 4,937,701	\$ 5,228,505	\$ 290,805	\$ -

Funding	
Annual Contribution to Capital	\$ 3,062,012
Federal Grant	\$ 2,125,000
Recoveries	\$ 41,493
<b>Total</b>	<b>\$ 5,228,505</b>

Vermillion Lk Bridge (MR55)

**Department:** Growth & Infrastructure **Section:** Bridges  
**Expected Completion Date:** 2021

**Project Highlights:** This is a rehabilitation project including bridge deck replacement and waterproofing, expansion joints, bearing replacement, soffit and ballast wall repairs, steel girder, abutment and pier shaft rehabilitation. Will also include replacement of existing watermain and heat trace systems, valves and valve chambers.

**Accomplishments to Date:** Construction progressing on schedule. Girder replacement complete, south side of deck concrete poured, north side reinforcing steel installed, north side concrete to be poured in September.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Vermillion Lk Bridge (MR55)	\$ 1,752,209	\$ 6,600,000	\$ 4,847,791	\$ -

Funding	
Annual Contribution to Capital	\$ 4,500,000
Federal Grant	\$ 2,100,000
<b>Total</b>	<b>\$ 6,600,000</b>

Appendix B - Large Capital Projects Status Update

2019 Various Bridge Repairs

Department: Growth & Infrastructure Section: Bridges  
 Expected Completion Date: 2025

**Project Highlights:**

The following bridges and culverts are scheduled for rehabilitation or replacement in 2020:

- Coniston Creek Pedestrian Bridge
- High Falls Road Bridge
- Martindale Road Bridge
- Moose Mountain Mine Road Bridge
- Old Soo Road Bridge
- Spanish River Road Bridge
- Vermilion River Road Bridge (MR55)

The design phase for the rehabilitation or replacement of the following bridges is scheduled for 2020, with the construction following in 2021 and 2022:

- Beatty Street Bridge
- College Street Underpass
- Nelson Lake Road Bridge

This program was previously approved in the 2019 Capital Budget, with work extending into 2020. An adjusted cashflow is shown below, as well as additional funding required to complete the projects based on updated estimates.

**Accomplishments to Date:**

All the listed structures for rehabilitation or replacement above are currently in construction and currently forecasted to be substantially complete in 2020. Beatty and Neslon are currently in detailed design for 2021 construction. College Street Underpass underwent interim rehabilitation measures in 2020. Developing a RFP to obtain a Consultant for a Planning Study to determine major long-term plan.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Various Bridge Repairs	\$ 2,635,118	\$ 5,000,000	\$ 2,364,882	\$ -
Douglas Street Bridge	\$ 2,878,472	\$ 3,133,000	\$ 254,528	\$ -
Allan Street Bridge	\$ 989,560	\$ 1,496,000	\$ 506,440	\$ 100,000
Frappier Road Bridge	\$ 797,272	\$ 1,250,000	\$ 452,728	\$ -
Spanish River Bridge	\$ 168,518	\$ 450,000	\$ 281,482	\$ -
Beatty Street Bridge	\$ 852	\$ 200,000	\$ 199,148	\$ -
High Falls Road Bridge	\$ 175,582	\$ 3,500,000	\$ 3,324,418	\$ -
College Street Subway	\$ 69,482	\$ 400,000	\$ 330,518	\$ -
Martindale Road Bridge	\$ 76,072	\$ 1,200,000	\$ 1,123,928	\$ -
Old Soo Road Bridge	\$ 12,444	\$ 958,772	\$ 946,328	\$ -
Moose Mountain Mine Rd Bridge	\$ 174,122	\$ 1,700,000	\$ 1,525,878	\$ -
CNR Overpass(Falconbridge Rd)	\$ 1,425,554	\$ 2,120,000	\$ 694,446	\$ 50,000
Remaining to be Allocated	\$ -	\$ 3,399,297	\$ 3,399,297	\$ -
<b>Total</b>	<b>\$ 9,403,048</b>	<b>\$ 24,807,069</b>	<b>\$ 15,404,021</b>	<b>\$ 150,000</b>

Funding	
Annual Contribution to Capital	\$ 1,278,384
Federal Grant-Gas Tax	\$ 7,000,000
Provincial Grant - OCIF	\$ 9,292,749
Recoveries	\$ 335,936
Debt	\$ 6,900,000
<b>Total</b>	<b>\$ 24,807,069</b>

Appendix B - Large Capital Projects Status Update

Bridges & Culverts Replacement & Rehabilitation

Department: Growth & Infrastructure Section: Bridges  
 Expected Completion Date: 2022

**Project Highlights:**

The following bridge is scheduled for rehabilitation or replacement in 2020:  
 - Ironside Lake Road Bridge

The design phase for the rehabilitation or replacement of the following bridges is scheduled for 2020, with the construction following in 2021:  
 - Dufferin Street Bridge  
 - Manninen Road Bridge

The design phase for the rehabilitation or replacement of the following bridges is scheduled for 2020, with the construction following in 2022:  
 - Fielding Road Bridge  
 - Kalmo Road Bridge  
 - Paris Street Bridge (North-bound)  
 - Paris Street Bridge (South-bound)

This program also includes the replacement of large culverts in 2020 as part of the City's annual program. Additionally, through Ontario Regulation 472/10: Standards for Bridges, the safety and condition of every bridge shall be determined through the performance of at least one inspection in every second calendar year under the direction of a professional engineer, with 2020 being the next inspection year.

**Accomplishments to Date:**

Ironside Lake Road Bridge is currently being replaced. Manninen and Dufferin are currently in detailed design for 2021 construction. Kalmo in the preliminary stages of a Schedule B Class EA for 2022 construction. Fielding is in preliminary design for 2022 construction. Paris bridges are in preliminary design for 2022 construction.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Bridge Inspections/Evaluations	\$ -	\$ 100,000	\$ 100,000	\$ -
Various Bridge Repairs	\$ -	\$ 3,700,000	\$ 3,700,000	\$ -
Ironside Lake Road Bridge	\$ 148,183	\$ 2,600,000	\$ 2,451,817	\$ -
Manninen Road Bridge	\$ -	\$ 200,000	\$ 200,000	\$ -
Fielding Road Bridge	\$ 29,306	\$ 200,000	\$ 170,694	\$ -
Kalmo Road Bridge	\$ 21,744	\$ 200,000	\$ 178,256	\$ -
Paris Street Bridge (North)	\$ 8,465	\$ 200,000	\$ 191,535	\$ -
Paris Street Bridge (South)	\$ -	\$ 200,000	\$ 200,000	\$ -
Dufferin Street Bridge	\$ -	\$ 200,000	\$ 200,000	\$ -
<b>Total</b>	<b>\$ 207,698</b>	<b>\$ 7,600,000</b>	<b>\$ 7,392,302</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 500,000
Capital Reserves	\$ 100,000
Debt	\$ 7,000,000
<b>Total</b>	<b>\$ 7,600,000</b>

Whitson Paquette Drain

Department: Growth & Infrastructure Section: Drains  
 Expected Completion Date: Fall 2021

**Project Highlights:**

The Paquette-Whitson Drain and associated stormwater ponds reduce flood plain in the Dominion Park area and open lands up for development. The project include stormwater ponds that improve the quality of water reaching the environment.

**Accomplishments to Date:**

Southern Pond is excavated, northern pond excavation has started.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Whitson Paquette Drain	\$ 5,332,876	\$ 12,750,535	\$ 7,417,659	\$ -

Funding	
Annual Contribution to Capital	\$ 4,794,912
Capital Reserves	\$ 6,947,824
Obligatory Reserves	\$ 717,299
Recoveries	\$ 290,500
<b>Total</b>	<b>\$ 12,750,535</b>

Appendix B - Large Capital Projects Status Update

East Branch Junction Creek

**Department:** Growth & Infrastructure **Section:** Drains  
**Expected Completion Date:** Fall 2025

**Project Highlights:** Monies will be used to complete detailed design on the Junction Creek Reconstruction and Nickeldale stormwater management facility. Both of these projects were identified as priority projects in the draft Junction Creek Stormwater Master Plan. We anticipate expenditure of up to \$500,000 on detailed design services in 2019.

**Accomplishments to Date:** Initiated work on the request for proposal for detailed design services. Construction is planned to be complete by 2025.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
East Branch Junction Creek	\$ 461,586	\$ 2,201,000	\$ 1,739,414	\$ -
<b>Total</b>	<b>\$ 461,586</b>	<b>\$ 2,201,000</b>	<b>\$ 1,739,414</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,201,000
<b>Total</b>	<b>\$ 2,201,000</b>

Mountain Street Storm Outlet

**Department:** Growth & Infrastructure **Section:** Drains  
**Expected Completion Date:** Fall 2021

**Project Highlights:** Mountain Street projects include a overflow channel to address localized flooding and moving the Sunrise Ridge stormwater outfall. Draft recommendations of the Junction Creek Master Plan suggest purchasing properties below the outfall and directing the water to the overflow channel as well as creating a park setting where the homes were.

**Accomplishments to Date:** Purchase of properties on Mountain St. ongoing, demolition to comence this fall.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Property Acquisition	\$ 214,780	\$ 214,780	\$ -	\$ -
Mountain Street Storm Outlet	\$ 2,542,630	\$ 4,041,954	\$ 1,499,324	\$ -
<b>Total</b>	<b>\$ 2,757,410</b>	<b>\$ 4,256,734</b>	<b>\$ 1,499,324</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,350,000
Capital Reserves	\$ 1,860,000
Obligatory Reserves	\$ 38,457
Recoveries	\$ 8,277
<b>Total</b>	<b>\$ 4,256,734</b>

Watershed Studies

**Department:** Growth & Infrastructure **Section:** Drains  
**Expected Completion Date:** Ongoing

**Project Highlights:** Complete subwatershed studies of the 17 key subwatersheds as identified in the 2006 Stormwater Background Study to the Official Plan.

**Accomplishments to Date:** Final reports for Junction Creek, Ramsey Lake and Whitewater Lake have been received, Junction Creek and Ramsey Lake have been posted for public comment and comments are being reviewed/incorporated. Richard Lake Watershed study has been initiated.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Watershed Studies	\$ 2,539,617	\$ 2,903,298	\$ 363,681	\$ -

Funding	
Capital Reserves	\$ 570,700
Provincial Grant	\$ 2,332,598
<b>Total</b>	<b>\$ 2,903,298</b>

Appendix B - Large Capital Projects Status Update

Green Ave Storm Conveyance

Department: Growth & Infrastructure Section: Drains  
 Expected Completion Date: Fall 2022

Project Highlights: Green Ave conveyance improvements were identified in the Algonquin Road Environmental Assessment to improve existing conditions and allow development to continue. The work includes channel improvement and box culvert on Green Ave.

Accomplishments to Date: Work is on hold while property issues are managed.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Green Ave Storm Conveyance	\$ 46,512	\$ 2,100,000	\$ 2,053,488	\$ -

Funding	
Annual Contribution to Capital	\$ 1,364,000
Capital Reserves	\$ 736,000
<b>Total</b>	<b>\$ 2,100,000</b>

McNaughton Treatment Facility

Department: Growth & Infrastructure Section: Drains  
 Expected Completion Date: Summer 2021

Project Highlights: The Ramsey Lake Subwatershed Study and Stormwater Master Plan identified several projects to enhance the quality of stormwater reaching Ramsey Lake where none exists today. The first priority project is the design and construction of a stormwater management facility at McNaughton Terrace.

Accomplishments to Date: Conceptual Design complete, detailed design initiated with construction to be tendered in 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
McNaughton Treatment Facility	\$ 28,023	\$ 2,850,000	\$ 2,821,977	\$ -
<b>Total</b>	<b>\$ 28,023</b>	<b>\$ 2,850,000</b>	<b>\$ 2,821,977</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 350,000
Debt	\$ 2,500,000
<b>Total</b>	<b>\$ 2,850,000</b>

Countryside Stormwater Pond

Department: Growth & Infrastructure Section: Drains  
 Expected Completion Date: Dec 2020

Project Highlights: Project included detailed design and construction of a stormwater dry pond to attenuate major event flows and channel upgrades along the Countryside Arena parking lot.

Accomplishments to Date: Phase 2 construction underway.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Project Costs	\$ 2,603,326	\$ 2,701,982	\$ 98,656	\$ -
Countryside Drainage Phase 2	\$ 74,307	\$ 1,275,000	\$ 1,200,693	\$ -
<b>Total</b>	<b>\$ 2,677,632</b>	<b>\$ 3,976,982</b>	<b>\$ 1,299,349</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 3,082,743
Capital Reserves	\$ 894,239
<b>Total</b>	<b>\$ 3,976,982</b>

Appendix B - Large Capital Projects Status Update

Sudbury LS Cell Closure Misc

Department: Growth & Infrastructure Section: Environmental Services  
 Expected Completion Date: January 2020

Project Highlights: Cell closure and miscellaneous site work at the Sudbury Landfill.  
 Accomplishments to Date: Project completed.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Sudbury LS Cell Closure Misc	\$ 1,379,101	\$ 1,421,715	\$ 42,614	\$ 42,614

Funding	
Annual Contribution to Capital	\$ 234,267
Capital Reserves	\$ 1,187,448
<b>Total</b>	<b>\$ 1,421,715</b>

Azilda LF - Stage 1 Final Cove

Department: Growth & Infrastructure Section: Environmental Services  
 Expected Completion Date: December 2020

Project Highlights: Ministry of Environment, Conservation and Parks (MOECP) has approved a progressive final cover placement program throughout development of the landfill site, as a condition of Environmental Compliance Approval (ECA) for the site. Low permeability final cover is used for a natural attenuation landfill where reduce rate of infiltration and leachate generation is desired. Design for final cover for Stage 1 of the Azilda landfill site has been completed. The final cover will be constructed with a 150 mm bedding layer, a geosynthetic clay liner (GCL), 150 mm drainage layer, 450 mm protective layer and 150 mm vegetated top soil. Wind-driven rotary turbines will be provided to vent-off landfill gases and GCL lined perimeter ditch will be provided to control surface run-off.  
 Accomplishments to Date: The majority of the construction work is completed

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Azilda LF - Stage 1 Final Cove	\$ 598,910	\$ 1,134,000	\$ 535,090	\$ 772
<b>Total</b>	<b>\$ 598,910</b>	<b>\$ 1,134,000</b>	<b>\$ 535,090</b>	<b>\$ 772</b>

Funding	
Annual Contribution to Capital	\$ 1,000,000
Capital Reserves	\$ 134,000
<b>Total</b>	<b>\$ 1,134,000</b>

Sudbury LF Leachate Treatment

Department: Growth & Infrastructure Section: Environmental Services  
 Expected Completion Date: October 2020

Project Highlights: Treatment of landfill leachate is a condition of Environmental Compliance Approval (ECA) for the site by the Ministry of Environment, Conservation and Parks (MOECP). The current leachate treatment system (LTS) includes a leachate equalization basin and three treatment cells using constructed wetland treatments system. The LTS requires an upgrade to handle the high hydraulic loading. If LTS is not upgraded, leachate may contaminate downgradient surface and ground water and eventually the site will be out of compliance. Current water monitoring program has shown migration of site-driven leachate indicator parameters. A review of current conditions by a consulting engineer has suggested major renovations in the system, which include dewatering the equalization basin and treatment cells; dredging and excavating buildups, and regrading the surface to maintain the required profile; replacing existing inlet and outlet pipes with proper clean outs at both ends; supply and placement of topsoil and wetland plants; supply and installation of a flow meter at the inlet, water level control structures and inlet and outlet structures with leachate bypass arrangements. Scope of work also includes improvement in the storm water management and modification in the drainage system to eliminate excessive surface water going to the LTS.  
 Accomplishments to Date: Bypass pipes, dewatering & dredging treatment cells, backfilling inert fill material, regrading surface, installation of inlet & outlet pipes and outlet structures, topsoil placement and planting is completed.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Sudbury LF Leachate Treatment	\$ 900,840	\$ 2,239,000	\$ 1,338,160	\$ -
<b>Total</b>	<b>\$ 900,840</b>	<b>\$ 2,239,000</b>	<b>\$ 1,338,160</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,239,000
<b>Total</b>	<b>\$ 2,239,000</b>

Appendix B - Large Capital Projects Status Update

Whitson River Trail

Department: Growth & Infrastructure Section: Planning  
 Expected Completion Date: Unknown

**Project Highlights:** Construction of the trail will provide for better connection between the Chelmsford Town Centre and Adjacent neighbourhoods as well as opportunities for passive and active recreation.

**Accomplishments to Date:** The detailed design component of this project is complete. Major property acquisition is also complete. Construction was partially funded (\$800k) through the 2019 budget and until the remaining funding is secured a completion date cannot be determined.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Whitson River Trail	\$ 252,839	\$ 1,032,945	\$ 780,106	\$ -
<b>Total</b>	<b>\$ 252,839</b>	<b>\$ 1,032,945</b>	<b>\$ 780,106</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 77,184
Capital Reserves	\$ 955,761
<b>Total</b>	<b>\$ 1,032,945</b>

2019 Road & Water/Wastewater Improvements

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-24

**Project Highlights:** This project includes funding for roads improvements to be completed in conjunction with water and wastewater projects. These projects were selected in consideration of both water/wastewater and roads priorities. The streets included in this project for design and construction in 2019 are as follows:  
 - Dean Avenue from Lorne to Landsend  
 - St. Brendan Street from Homewood to Marion  
 - Fairburn Street from Barry Downe to East End  
 - Henry Street from McDougall to East End, Garson  
 - Tudor Court from Windsor to East End  
 - O'Neil Drive East from Penman to Margaret South

Streets included in this project for design in 2019 and construction in 2020 include:  
 - 10th Avenue from MR24 to 9th Street, Lively  
 - Hyland Drive from Regent to Winchester  
 - Dell Street from Notre Dame to Snowden  
 - Maple Street from Reginald to Parkwood

**Accomplishments to Date:** Expect the project to be substantially complete by December 2021, and that expenses will continue until December.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Dean Ave-Lorne to Landsend	\$ 50,625	\$ 2,100,000	\$ 2,049,375	\$ -
St Brendan-Homewood to Marion	\$ 794,204	\$ 1,150,000	\$ 355,796	\$ -
Henry (Garson) from McDougall	\$ -	\$ -	\$ -	\$ -
Tudor Ct-Windsor to East End	\$ 241,776	\$ 300,000	\$ 58,224	\$ -
10th Ave from MR24 to 9th	\$ 64,691	\$ 100,000	\$ 35,309	\$ -
O'Neil Dr E-Penman to Margaret	\$ 494,633	\$ 750,000	\$ 255,367	\$ -
Dell St-Notre Dame to Snowden	\$ 18,161	\$ 250,000	\$ 231,839	\$ -
FairburnSt-BarrydownetoEastEnd	\$ -	\$ 600,000	\$ 600,000	\$ -
Remaining to be Allocated	\$ -	\$ 20,000	\$ 20,000	\$ -
<b>Total</b>	<b>\$ 1,664,090</b>	<b>\$ 5,270,000</b>	<b>\$ 3,605,910</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 1,064,083
Capital Reserves	\$ 100,000
Provincial Grant - OCIF	\$ 3,685,917
Federal Grant - Gas Tax	\$ 420,000
<b>Total</b>	<b>\$ 5,270,000</b>

Appendix B - Large Capital Projects Status Update

Depot Remediation

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-25

Project Highlights: The Public Works Depot Master Plan was presented to Council in 2018, and proposes work at the Frobisher, St. Clair, Suez, Black Lake and Whitefish Depots.

Accomplishments to Date: An request for proposal has been finalized to retain the services of a consultant (engineer and architectural) to prepare contract specifications for the noted work. Will be tendered in Q4 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Depot Remediation	\$ -	\$ 5,004,584	\$ 5,004,584	\$ -

Funding	
Annual Contribution to Capital	\$ 3,934,019
Capital Reserves	\$ 1,070,565
<b>Total</b>	<b>\$ 5,004,584</b>

Kingsway

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-30

Project Highlights: Property acquisition to accommodate the ultimate straightening and widening of the Kingsway near the "s-curve". As directed by Council, properties identified to be in conflict with the future design are acquired by the City as they go for sale on the open market. This is a long term Council priority and has been identified as a priority in the Transportation Master Plan.

Accomplishments to Date: Continue to acquire outstanding properties in advance of road improvement project.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Kingsway	\$ 3,464,804	\$ 3,705,051	\$ 240,248	\$ -
Contribution to Operating	\$ 8,198	\$ 8,198	\$ -	\$ -
<b>Total</b>	<b>\$ 3,473,002</b>	<b>\$ 3,713,249</b>	<b>\$ 240,248</b>	<b>\$ -</b>

Funding	
Capital Reserves	\$ 3,713,249
<b>Total</b>	<b>\$ 3,713,249</b>

Maley Drive

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-21

Project Highlights: New four lane road between College Boreal and Barry Downe and reconstructing the existing two lane road between Barry Downe Road and Falconbridge Highway, complete with interchanges at Notre Dame, and Lasalle, and roundabouts at Barry Downe and College Boreal

Accomplishments to Date: New four lane road between College Boreal and Barry Downe and reconstructing the existing two lane road between Barry Downe Road and Falconbridge Highway, complete with interchanges at Notre Dame, and Lasalle, and roundabouts at Barry Downe and College Boreal

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Remaining to be Allocated	\$ 6,549,235	\$ 8,334,697	\$ 1,785,462	\$ -
Project Costs	\$ 71,459,728	\$ 78,230,294	\$ 6,770,567	\$ -
<b>Total</b>	<b>\$ 78,008,962</b>	<b>\$ 86,564,991</b>	<b>\$ 8,556,029</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 24,662,273
Capital Reserves	\$ 4,649,688
Obligatory Reserves	\$ 815,547
Federal Grant	\$ 26,700,000
Provincial Grant	\$ 26,700,000
Future Financing	\$ 3,037,483
<b>Total</b>	<b>\$ 86,564,991</b>

Appendix B - Large Capital Projects Status Update

Crean Hill Road

Department: Growth & Infrastructure  
 Section: Roads  
 Expected Completion Date: December-21

Project Highlights: Road Reconstruction of Crean Hill Rd from MR4 to Fairbank East and Fairbank East Rd from Crean Hill Rd to Victoria Mine Site.

Accomplishments to Date: Construction is complete. Transfer of road to City ownership is in progress. Construction contract remains in the warranty period.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Crean Hill Road	\$ 10,970,129	\$ 11,120,159	\$ 150,030	\$ -

Funding		
Annual Contribution to Capital		\$ 1,650,000
Capital Reserves		\$ 1,250,000
Recoveries		\$ 8,220,159
<b>Total</b>		<b>\$ 11,120,159</b>

Lorne Street

Department: Growth & Infrastructure  
 Section: Roads  
 Expected Completion Date: December-21

Project Highlights: Infrastructure improvements between Martindale Road to Logan Avenue, including; pavement rehabilitation, active transportation improvements, underground infrastructure improvements, drainage improvements, traffic improvements, replacement of existing curbs and sidewalk, upgrading of three signalized intersections, additional turning lanes at Martindale intersection, and upgrading the streetlights.

Accomplishments to Date: Outstanding road work in the intersection of Martindale and Lorne to be completed in 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lorne Street	\$ 5,055,715	\$ 5,509,683	\$ 453,968	\$ -

Funding		
Annual Contribution to Capital		\$ 607,108
Federal Grant	Gas Tax	\$ 4,892,892
Recoveries		\$ 9,683
<b>Total</b>		<b>\$ 5,509,683</b>

BarryDowne Westmount-Kingsway

Department: Growth & Infrastructure  
 Section: Roads  
 Expected Completion Date: December-22

Project Highlights: Infrastructure improvements to widen roadway, add turn lanes, implement active transportation improvements (cycle tracks), new sidewalks, new pavement, and drainage improvements. Property acquisition anticipated to be complete in 2019. Utility relocations to commence following property acquisition, with construction to be phased over two construction seasons.

Accomplishments to Date: Property acquisitions complete. Utility relocations have commenced. Contract Administration & Inspection has been awarded to a consultant.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
BarryDowne Westmount-Kingsway	\$ 132,154	\$ 4,572,420	\$ 4,440,266	\$ -

Funding		
Annual Contribution to Capital		\$ 4,572,420
<b>Total</b>		<b>\$ 4,572,420</b>

Appendix B - Large Capital Projects Status Update

Silver Hills Phase 2

<b>Department:</b>	Growth & Infrastructure	<b>Section:</b>	Roads
		<b>Expected Completion Date:</b>	Unknown
<b>Project Highlights:</b>	These funds were allocated for a future cost sharing agreement. Coordination with the developer is ongoing. The Silver Hills cost sharing application was approved by Council in December of 2016. Completion date schedule is currently unknown.		
<b>Accomplishments to Date:</b>	The City has been working with the engineering consultant on preliminary plans for the Bancroft/Bellevue intersection. Discussions with the developer regarding the cost sharing agreement are ongoing. Construction dates are unknown.		

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Silver Hills Phase 2	\$ -	\$ 5,758,351	\$ 5,758,351	\$ -

Funding	
Capital Reserves	\$ 714,881
Obligatory Reserves	\$ 3,329,176
Recoveries	\$ 1,714,294
<b>Total</b>	<b>\$ 5,758,351</b>

MR 35

<b>Department:</b>	Growth & Infrastructure	<b>Section:</b>	Roads
		<b>Expected Completion Date:</b>	December-22
<b>Project Highlights:</b>	MR 35 from Notre Dame Street East to Highway 144 MR 15 The widening of MR 35 from two lanes to four/five lanes with watermain and intersection improvements. Construction to commence in Fall 2020 with with completion at the end of 2021.		
<b>Accomplishments to Date:</b>	MR35 from Notre Dame Street East to Notre Dame Street West The widening of MR 35 from two lanes to four/five lanes through this section was completed in 2019. Intersection and drainage improvements were also completed in this section. Final layer of asphalt and restorations work were completed in 2020.		

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
MR 35	\$ 13,200,270	\$ 38,689,447	\$ 25,489,177	\$ -
<b>Total</b>	<b>\$ 13,200,270</b>	<b>\$ 38,689,447</b>	<b>\$ 25,489,177</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 9,394,515
Federal Grant - Gas Tax	\$ 2,307,747
Debt	\$ 26,987,185
<b>Total</b>	<b>\$ 38,689,447</b>

Lorne Street

<b>Department:</b>	Growth & Infrastructure	<b>Section:</b>	Roads
		<b>Expected Completion Date:</b>	December-24
<b>Project Highlights:</b>	The Municipal Road 55 (MR55) / Lorne Street Infrastructure Renewal project will consist of the renewal and rehabilitation of the corridor from Elm Street to Power Street with the exception of the recently improved section between Logan and Martindale. MR 55 / Lorne is an arterial road that connects the communities of Whitefish, Naughton, Lively and Copper Cliff to the downtown with an average daily traffic volume of approximately 20,000 vehicles, is a key commercial and industrial transportation route, and is one of the five main connections to the Provincial Highway system and represents a gateway to the community. The underground infrastructure (watermain, sanitary sewer, and storm sewer) are beyond their useful life and require rehabilitation and/or renewal, including the upsizing of the watermain infrastructure as recommended by the Water/Wastewater Master Plan to provide hydraulics in the area.		
<b>Accomplishments to Date:</b>	Detailed design is well underway, and this project is expected to be ready for tender ("shovel-ready") by early 2021.		

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lorne Street	\$ 727,268	\$ 9,587,059	\$ 8,859,791	\$ -
<b>Total</b>	<b>\$ 727,268</b>	<b>\$ 9,587,059</b>	<b>\$ 8,859,791</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 1,674,545
Capital Reserves	\$ 1,300,000
Future Financing	\$ 6,612,514
<b>Total</b>	<b>\$ 9,587,059</b>

Appendix B - Large Capital Projects Status Update

Cycling Infrastructure

Department: Growth & Infrastructure Section: Roads  
Expected Completion Date: December-22

Project Highlights: Represents funds previously approved by Council towards Cycling Infrastructure of \$800,000 per year. This to improve transparency regarding the City's investment in the Active Transportation Network, and to construct cycling Infrastructure connectivity and road retrofits.

Accomplishments to Date: Construction in 2020 of Phase 1 of Paris-Notre Dame bikeway.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Cycling Infrastructure	\$ 531,220	\$ 4,551,678	\$ 4,020,459	\$ -
<b>Total</b>	<b>\$ 531,220</b>	<b>\$ 4,551,678</b>	<b>\$ 4,020,459</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 2,929,136
Capital Reserves	\$ 500,000
Obligatory Reserves	\$ 1,122,543
<b>Total</b>	<b>\$ 4,551,678</b>

2020 Surface Treatment

Department: Growth & Infrastructure Section: Roads  
Expected Completion Date: December-21

Project Highlights: Surface treatment on various roads (annual program)

Accomplishments to Date: Construction to be complete in 2020.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Surface Treatment	\$ -	\$ 5,000,000	\$ 5,000,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 5,000,000</b>	<b>\$ 5,000,000</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 1,275,000
Debt	\$ 3,725,000
<b>Total</b>	<b>\$ 5,000,000</b>

Lively Sewer Upgrades - Phase 2

Department: Growth & Infrastructure Section: Roads  
Expected Completion Date: December-23

Project Highlights: The Lively Sewer Upgrades - Phase 2 project will upsize sanitary sewers to facilitate the eventual decommissioning of the Lively Wastewater Treatment Plant and convey flows to the Walden Wastewater Treatment Plant, as recommended by the Lively/Walden Wastewater Class Environmental Assessment Study. This project includes funding for roads restoration and reconstruction. The roads included within this project are:  
 - 9th Avenue from 10th Avenue to 11th Avenue  
 - 9th Avenue from Parkside Drive to MR24  
 - 10th Avenue from MR24 to 9th Avenue (previously approved in 2019, see note below)  
 - Anderson Drive from Third Avenue to MR24  
 - Coronation Boulevard from Parkside Drive to 6th Avenue  
  
 In addition, Sixth Avenue from Coronation Boulevard to MR24 will be rehabilitated to current standards to complete the transportation loop to École St-Paul.

Part of this project was previously approved in the 2019 Capital Budget, as a part of the funding for Road and Water/Wastewater Improvements. It has been subsequently separated and included in this submission, as additional locations have been added as described above.

Accomplishments to Date: To be tendered in 2021 and 2022 under Lively Sewers project

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
10th Ave from MR24 to 9th	\$ -	\$ 1,900,000	\$ 1,900,000	\$ -
Anderson Dr - Third to MR24	\$ -	\$ 1,500,000	\$ 1,500,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 3,400,000</b>	<b>\$ 3,400,000</b>	<b>\$ -</b>

Funding	
Debt	\$ 3,400,000
<b>Total</b>	<b>\$ 3,400,000</b>

Appendix B - Large Capital Projects Status Update

2019 Annual Recurring Road Programs & Projects

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-21

**Project Highlights:** This project includes annual recurring road programs including road safety initiatives and installation of pedestrian crossovers, upgrading and installation of streetlights, improvements to railway crossings, large asphalt patches, contribution to the consultant guidelines project and pavement management program.

**Accomplishments to Date:** Expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Pavement Management	\$ 51,923	\$ 200,000	\$ 148,077	\$ -
New Streetlights	\$ -	\$ 65,000	\$ 65,000	\$ -
Railway Crossing Improvements	\$ -	\$ 250,000	\$ 250,000	\$ -
Asphalt Patching	\$ 4,610,343	\$ 4,550,000	\$ (60,343)	\$ -
Pedestrian Crossovers & Safety	\$ 10,176	\$ 25,000	\$ 14,824	\$ -
Consultant Guidelines Manual	\$ -	\$ 25,000	\$ 25,000	\$ -
<b>Total</b>	<b>\$ 4,672,442</b>	<b>\$ 5,115,000</b>	<b>\$ 442,558</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 5,088,333
Capital Reserves	\$ 26,667
<b>Total</b>	<b>\$ 5,115,000</b>

2020 Annual Recurring Road Programs & Projects

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-21

**Project Highlights:** This program includes annual recurring road projects including road safety initiatives and installation of pedestrian crossovers, upgrading and installation of streetlights, improvements to railway crossings, large asphalt patches, contribution to the consultant guidelines project and pavement management program.

**Accomplishments to Date:** Expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
GIS/Maintenance Mgmt Sys	\$ -	\$ 100,000	\$ 100,000	\$ -
Pavement Management	\$ -	\$ 50,000	\$ 50,000	\$ -
Streetlighting Upgrades	\$ 21,178	\$ 300,000	\$ 278,822	\$ -
New Streetlights	\$ -	\$ 65,000	\$ 65,000	\$ -
Railway Crossing Improvements	\$ -	\$ 250,000	\$ 250,000	\$ -
Asphalt Patching	\$ -	\$ 4,000,000	\$ 4,000,000	\$ -
Traffic System Improvements	\$ -	\$ 250,000	\$ 250,000	\$ -
Road Safety	\$ -	\$ 10,000	\$ 10,000	\$ -
Traffic Calming	\$ -	\$ 50,000	\$ 50,000	\$ -
<b>Total</b>	<b>\$ 21,178</b>	<b>\$ 5,075,000</b>	<b>\$ 5,053,822</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 4,475,000
Debt	\$ 600,000
<b>Total</b>	<b>\$ 5,075,000</b>

Appendix B - Large Capital Projects Status Update

2019 Arterial/Collector Roads Rehabilitation & Resurfacing

Department: Growth & Infrastructure

Section: Roads  
 Expected Completion Date: December-22

Project Highlights:

This program includes resurfacing or rehabilitation of construction in 2020 for the following arterial/collector roads:  
 - Auger Avenue from Hawthorne Drive to Falconbridge Highway  
 - Brady Street from Underpass to Keziah Court  
 - Hill Street from Hwy 17 to Dryden Road East  
 - Kelly Lake Road from Copper Street to Junction Creek Bridge  
 - Notre Dame Avenue from Dominion Drive to Oscar Street  
 - Valleyview Road from Martin Road to St. Laurent Street  
 - Walford Road from Regent Street to Paris Street

This project also includes resurfacing or rehabilitation of construction in 2021 for the following arterial/collector roads:  
 - MR15 from 600m West of St. Laurent Street to Montee Principale  
 - Kingsway from Barry Downe Road to Falconbridge Highway

This program was previously approved in the 2019 Capital Budget, with work extending into 2020. An adjusted cashflow is shown below, as well as additional funding required to complete the projects based on updated estimates.

Expect the project to be substantially complete by December 2021, and that expenses will continue until December 2022

Accomplishments to Date:

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Attlee - Gemmell to Lasalle	\$ 1,318,807	\$ 2,000,000	\$ 681,193	\$ -
Dominion Drive	\$ 3,716,464	\$ 4,498,488	\$ 782,024	\$ -
York St fr Regent to Paris	\$ 1,806,920	\$ 2,400,000	\$ 593,080	\$ -
Kingsway-BarryDowne to Falconb	\$ -	\$ 300,000	\$ 300,000	\$ -
Brady St-Underpass to Keziah	\$ 10,466	\$ 2,800,000	\$ 2,789,534	\$ -
Notre Dame-Dominion to Oscar	\$ 600	\$ -	\$ (600)	\$ -
KellyLkRd-Copper to Junction C	\$ 79,321	\$ 500,000	\$ 420,679	\$ -
Henry (Garson) from McDougall	\$ -	\$ 228,000	\$ 228,000	\$ -
Main St E - MR 15 to Tracks	\$ 610,119	\$ 965,000	\$ 354,881	\$ -
Melvin - Kathleen to Mable	\$ 473	\$ 625,000	\$ 624,527	\$ -
Remaining to be allocated	\$ -	\$ 11,807,000	\$ 11,807,000	\$ -
<b>Total</b>	<b>\$ 7,543,170</b>	<b>\$ 26,123,488</b>	<b>\$ 18,580,318</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 7,617,564
Capital Reserves	\$ 423,353
Federal Grant-Gas Tax	\$ 10,165,000
Provincial Grant-OCIF	\$ 7,900,000
Recoveries	\$ 17,570
<b>Total</b>	<b>\$ 26,123,487</b>

Appendix B - Large Capital Projects Status Update

2020 Arterial/Collector Roads Rehabilitation & Resurfacing

Department: Growth & Infrastructure

Section: Roads  
Expected Completion Date: December 31, 2023

Project Highlights:

This program includes design and construction costs for resurfacing or rehabilitation in 2020 of the following arterial/collector roads:

- Desmarais Road from Gravel Drive to Talon Street
- Froot Road from Elm Street to College Street
- MR55 from 185m East Koti Road to Horizon Drive
- MR80 from Maley Drive to McCrea Heights (patching)
- Ramsey Lake Road from Paris Street to South Bay Road
- Skead Road from MR85 to Airport Terminal Road

This program also includes design costs in 2020 for resurfacing or rehabilitation, with the construction in 2021 and 2022 for the following arterial/collector roads:

- Kantola Road from Hwy 17 to Finnwoods Road
- Long Lake Road from 500m North of Sunnyside Road to Birch Hill Road
- Regent Street from Paris Street to Caswell Drive
- Skead Road from Nickel Rim South Mine Road to 1.2km South
- MR15 from Belisle Street to 250m West of Dupont Street
- MR24 from MR55 to Hill Road
- MR24 from Anderson Drive to 2nd Avenue
- MR55 from MR 24 to 125m West of Eve Street
- MR84 from Cote Boulevard to Linden Drive
- MR80 from Dutrisac Boulevard to Alexandre Street

Accomplishments to Date:

Expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Kingsway-BarryDowne to Falconb	\$ -	\$ 2,650,000	\$ 2,650,000	\$ -
Valleyview-Martin to St Lauren	\$ 386	\$ -	\$ (386)	\$ -
KellyLkRd-Copper to Junction C	\$ -	\$ -	\$ -	\$ -
Desmarais Rd - Gravel to Talon	\$ 381	\$ 780,000	\$ 779,619	\$ -
MR55 - 185m E Koti to Horizon	\$ 166,897	\$ 860,000	\$ 693,103	\$ -
Skead Road-MR85 to Airport Ter	\$ 354,137	\$ 2,100,000	\$ 1,745,863	\$ -
MR80-Maley to McCrea Heights	\$ 24	\$ 3,335,000	\$ 3,334,976	\$ -
Remaining to be Allocated	\$ -	\$ 4,925,000	\$ 4,925,000	\$ -
<b>Total</b>	<b>\$ 521,824</b>	<b>\$ 14,650,000</b>	<b>\$ 14,128,176</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 3,600,000
Capital Reserves	\$ 1,735,000
Debt	\$ 9,315,000
<b>Total</b>	<b>\$ 14,650,000</b>

Appendix B - Large Capital Projects Status Update

2020 Road & Water/Wastewater Improvements

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-23

**Project Highlights:** This program includes funding for roads improvements to be completed in conjunction with water and wastewater projects. These projects were selected in consideration of both water/wastewater and roads priorities. The street included in this project for construction in 2020 is:  
 - Maple Street from Ethelbert Street to Parkwood Street

Streets included in this project for construction in 2021 and 2022 include:  
 - Hyland Drive from Regent Street to Winchester Avenue  
 - Dell Street from Notre Dame Avenue to Snowdon Avenue

This program was previously approved in the 2019 Capital Budget, with work extending into 2020. An adjusted cashflow is shown below, as well as additional funding required to complete the program based on updated estimates. A portion of previously approved funding for 10th Avenue from MR24 to 9th Avenue, Lively, is now shown in Lively Sewer Upgrades - Phase 2.

**Accomplishments to Date:** We expect the project to be substantially complete by December 2022, and that expenses will continue until December 2023

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Maple St-Reginald to Parkwood	\$ -	\$ 450,000	\$ 450,000	\$ -
Rita St - Wilfred to End	\$ 139,538	\$ 497,965	\$ 358,427	\$ -
Remaining to be allocated	\$ -	\$ 2,842,035	\$ 2,842,035	\$ -
<b>Total</b>	<b>\$ 139,538</b>	<b>\$ 3,790,000</b>	<b>\$ 3,650,462</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 450,000
Debt	\$ 3,340,000
<b>Total</b>	<b>\$ 3,790,000</b>

2019 Local Roads Rehabilitation & Resurfacing

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-21

**Project Highlights:** This project includes resurfacing/rehabilitation design and construction in 2019 of the following local roads:  
 - CKSO Road from Goodview to Leedale  
 - Vagnini Court from Mumford to End  
 - Henry Court from George East to George West  
 - Second Avenue from Bancroft to Railway  
 - Roy Avenue from Leon to Rinfret

**Accomplishments to Date:** Expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
CKSO Rd-Goodview to Leedale	\$ 865,182	\$ 1,060,559	\$ 195,378	\$ -
Vagnini Crt-Mumford to End	\$ 150,511	\$ 545,000	\$ 394,489	\$ -
Henry Crt-George E to George W	\$ 236,380	\$ 280,000	\$ 43,620	\$ -
Second Ave-Bancroft to Rail	\$ 492,352	\$ 615,000	\$ 122,648	\$ -
Roy Ave-Leon to Rinfret	\$ 608	\$ 130,000	\$ 129,392	\$ -
<b>Total</b>	<b>\$ 1,745,033</b>	<b>\$ 2,630,559</b>	<b>\$ 885,526</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 439,516
Capital Reserves	\$ 200,559
Federal Grant-Gas Tax	\$ 1,990,484
<b>Total</b>	<b>\$ 2,630,559</b>

Appendix B - Large Capital Projects Status Update

2020 Local Roads Rehabilitation & Resurfacing

Department: Growth & Infrastructure Section: Roads  
 Expected Completion Date: December-21

**Project Highlights:** This program includes the design and construction of the rehabilitation and resurfacing of local roads as follows:  
 - Birch Street from Donald Street to Notre Dame East  
 - Fourth Avenue from Bancroft Drive to Greenwood Drive  
 - Leon Avenue from Roy Avenue to Lamothe Street  
 - Minto Street from Brady Street to Larch Street  
 - Moxam Landing Road from Gibson Road to #116 Moxam Landing Road  
 - Mumford Drive from Vagnini Court to Duhamel Road  
 - Scenic Drive from Valleyview Road to South End  
 - Sunnyside Road from Long Lake Road to Luoma Road  
 - Westmount Avenue from Hawthorne Street to Fielding Street

**Accomplishments to Date:** We expect the project to be substantially complete by December 2020, and that expenses will continue until December 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Sunnyside - Long Lake to Luoma	\$ 38,174	\$ 1,100,000	\$ 1,061,826	\$ -
Minto St - Brady to Larch	\$ -	\$ 600,000	\$ 600,000	\$ -
4th Ave - Bancroft - Greenwood	\$ 379	\$ 675,000	\$ 674,621	\$ -
Moxam Landing - Gibson to #116	\$ 25,257	\$ 575,000	\$ 549,743	\$ -
Mumford Dr - Vagnini - Duhamel	\$ 96,947	\$ 575,000	\$ 478,053	\$ -
Scenic Dr - Valleyview - S End	\$ 227	\$ -	\$ (227)	\$ -
Remaining to be Allocated	\$ -	\$ 1,745,000	\$ 1,745,000	\$ -
<b>Total</b>	<b>\$ 160,983</b>	<b>\$ 5,270,000</b>	<b>\$ 5,109,017</b>	<b>\$ -</b>

Funding	
Debt	\$ 5,270,000
<b>Total</b>	<b>\$ 5,270,000</b>

AMR Water Meters

Department: Water Section: Water General  
 Expected Completion Date: Q4 - 2022

**Project Highlights:** This specific project line represents the Water contribution for the following:  
 - the implementation of Advanced Metering Infrastructure (AMI) system that includes the installation of water meters and the supply and installation of sufficient radio frequency transmitters on all residential and commercial accounts  
 - Software and hardware to facilitate analytical review of both production and consumption data by both customers and water operators  
 - Asset renewal that will improve water meter accuracy, reduce inefficiencies related to the process of reading water meters enhance service to the City's customer base across the entire water system

**Accomplishments to Date:** Installation contract awarded in 2020. Installation of 45,000 meters commencing in Q3 2020 with completion scheduled for Q4 2022.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
AMR Water Meters	\$ 1,237,769	\$ 21,561,894	\$ 25,093,658	\$ -
Contribution to Operating	\$ 66,267	\$ 66,267	\$ -	\$ -
<b>Total</b>	<b>\$ 1,237,769</b>	<b>\$ 21,561,894</b>	<b>\$ 25,093,658</b>	<b>\$ -</b>

Funding	
User Fees	\$ 2,983,733
Capital Reserves	\$ 18,578,160
<b>Total</b>	<b>\$ 21,561,894</b>

Appendix B - Large Capital Projects Status Update

Gatchell Outfall Sewer

Department: Wastewater Section: Wastewater Linear  
 Expected Completion Date: Q4 - 2021

**Project Highlights:** The purpose of the Gatchell Outfall Sewer project is to replace a section of the trunk sewer that is at high risk of failure with a section of sewermain and a section of sanitary rock tunnel. The existing trunk sewer will be abandoned, mitigating the risk of future pipeline failures into Junction Creek.

**Accomplishments to Date:** In detailed design phase (85% complete) - to be tended late Fall 2020

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Environmental Assessment	\$ 168,658	\$ 168,658	\$ -	\$ -
Geotech Analysis	\$ 445,003	\$ 445,003	\$ -	\$ -
Construction Costs	\$ 265,509	\$ 6,000,000	\$ 5,734,491	\$ -
Project Design	\$ 1,381,172	\$ 2,357,923	\$ 976,751	\$ -
<b>Total</b>	<b>\$ 2,260,342</b>	<b>\$ 8,971,584</b>	<b>\$ 6,711,242</b>	<b>\$ -</b>

Funding	
User Fees	\$ 5,621,584
Internal Financing	\$ 3,350,000
<b>Total</b>	<b>\$ 8,971,584</b>

Lively Sewer System Upgrades

Department: Wastewater Section: Wastewater Linear  
 Expected Completion Date: December 31, 2020

**Project Highlights:** The Lively Sewer Upgrades project will upsize sanitary sewers to facilitate the eventual decommissioning of the Lively Wastewater Treatment Plant (WWTP) and convey wastewater flows to the Walden WWTP, as recommended by the Lively / Walden Wastewater Class Environmental Assessment Study. Watermain upgrades and road restoration will be completed with the sewer upgrade project where required.

**Accomplishments to Date:** Design 90% complete - tendering a phase in late Fall for Winter construction (off-street)

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lively Sewer System Upgrades	\$ 2,797,569	\$ 3,702,800	\$ 905,231	\$ -

Funding	
User Fees	\$ 3,702,800
<b>Total</b>	<b>\$ 3,702,800</b>

1st Ave-Balsam-Allan-Coniston

Department: Water Section: Water Linear  
 Expected Completion Date: Q3 2021

**Project Highlights:** Upgrade to the main water line in Coniston funded 75% by Federal and Provincial grants through the Clean Water Wastewater Fund.

**Accomplishments to Date:** Contract in Warranty Phase - one deficiency to correct in 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Balsam-Allan-Coniston	\$ 3,364,048	\$ 3,493,615	\$ 129,567	\$ 100,000

Funding	
User Fees	\$ 895,400
Federal Grant	\$ 866,071
Provincial Grant	\$ 1,732,144
<b>Total</b>	<b>\$ 3,493,615</b>

Appendix B - Large Capital Projects Status Update

2020 Watermain Priority Replacement & Rehabilitation

Department: Water Section: Water Linear  
 Expected Completion Date: 2022

**Project Highlights:** Detailed design and construction of various watermain replacement or rehabilitation (lining) projects based on recommendations and framework contained in the Water/Wastewater Infrastructure Master Plan and Asset Management Plan, both recently received by Council. The Master Plan provides recommendations for the long term infrastructure needs, based on four primary principles: Safety; Efficiency; Regulatory Requirements; and Development. The priorities are then allocated within the constraints of the City's Water/Wastewater Financial Plan & Capital Budget.

The following locations are recommended for completion in 2020:

- Barry Downe Road from Kingsway to Westmount Avenue (construction)
- Brady Street from Underpass to Keziah Court (construction)
- Dell Street from Notre Dame Avenue to Snowden Avenue (construction)
- Godfrey Drive from Creighton Road to Park Street (construction)
- Hyland Drive from Regent Street to Winchester Street (construction)
- Larch Street from Elgin Street to Lisgar Street (design)
- MR24 from Anderson Drive to 2nd Avenue (design)
- MR24 Trunk Watermain from Old Creighton Road to 12th Avenue (construction)
- Regent Street from Paris Street to Caswell Drive (design)
- Rheel Street from Leveque Street to Estelle Street (design)
- Rita Street from Wilfred Street to East End (construction)
- Roy Avenue from Lamothe Street to Woodbine Avenue (construction)
- Roy Avenue from Woodbine Avenue to Rinfret Street (construction)
- Sparks Street from Barry Downe Road to Roy Avenue (construction)
- Struthers Street from Regent Street to Charlotte Street (design)
- Wellington Heights from Hyland Drive to North East End (construction)
- Will Street from Falconbridge Road to Josephine Street (construction)

**Accomplishments to Date:** On-going: various projects in various phases. Some under construction, design or to be tendered in early 2021.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Watermain Priority Rehab	\$ 9	\$ 9,255,000	\$ 9,254,991	\$ -
<b>Total</b>	<b>\$ 9</b>	<b>\$ 9,255,000</b>	<b>\$ 9,254,991</b>	<b>\$ -</b>

Funding	
User Fees	\$ 9,255,000
<b>Total</b>	<b>\$ 9,255,000</b>

Appendix B - Large Capital Projects Status Update

2019 Watermain Priority Replacement & Rehabilitation

Department: Water Section: Water Linear  
 Expected Completion Date: Q4 2021

**Project Highlights:** Detailed design and construction of various watermain replacement or rehabilitation (lining) projects based on recommendations and framework contained in the Water / Wastewater Infrastructure Master Plan and Asset Management Plan, both recently received by Council. The risk assessment incorporated within the Asset Management Plan utilizes condition and age data, service criticality, socioeconomic, environmental and traffic impacts among others, to determine the priority projects.

The following locations are recommended for completion in 2019:

- Dean Avenue - Lorne to Landsend (construction)
- Jane Street - Dean to Easement (construction)
- Tudor Court - Windsor to End (construction)
- St Brendan Street - Homewood to Marion (construction)
- MR24 - Trunk Watermain (construction - lining)
- Whissel Avenue - Perrault to Dell (construction with St. Charles Lift Station project)
- Ash Street (Lively) (construction)
- Hyland Drive - Regent to Winchester (design)
- St. Nicholas Street - St. Brendan (construction)
- Henry Street (Garson) - MacDougall to East End (construction)
- O'Neil Drive East - Penman to Margaret South (construction)
- Roy Avenue - Leon to Rinfret (construction)
- Fairburn Street (construction)
- Laberge Lane (construction - lining)
- Allan Street Bridge watermain (construction)
- 10th Avenue Lively (design with Lively Sanitary Sewer Improvements Phase II)
- Anderson Drive Lively (design with Lively Sanitary Sewer Improvements Phase II)
- Maple Street (Sudbury - various sections) (design)

**Accomplishments to Date:** On-going: various projects in various phases. Some under construction, design or to be tendered in early 2021. Some surface asphalt to be placed in 2022.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Roy Ave-Leon to Rinfret	\$ -	\$ 25,000	\$ 25,000	\$ -
Dean Ave-Lorne to Landsend	\$ 107,775	\$ 1,100,000	\$ 992,225	\$ -
St Brendan-Homewood to Marion	\$ 692,613	\$ 1,115,000	\$ 422,387	\$ -
Henry (Garson) from McDougall	\$ -	\$ 432,994	\$ 432,994	\$ -
Tudor Ct-Windsor to East End	\$ 323,868	\$ 435,000	\$ 111,132	\$ -
O'Neil Dr E-Penman to Margaret	\$ 480,644	\$ 475,000	\$ (5,644)	\$ -
Hyland Dr-Regent to Winchester	\$ -	\$ 45,000	\$ 45,000	\$ -
Dell St-Notre Dame to Snowden	\$ 18,161	\$ 300,000	\$ 281,839	\$ -
Jane St - Dean to Easement	\$ -	\$ 200,000	\$ 200,000	\$ -
MR24 Truck Watermain	\$ -	\$ 50,000	\$ 50,000	\$ -
Ash Street (Lively)	\$ 582	\$ 800,000	\$ 799,418	\$ -
St Nichlas St - St Brendan	\$ 87,148	\$ 202,875	\$ 115,727	\$ -
Allan St Bridge Watermain	\$ 262,995	\$ 350,000	\$ 87,005	\$ 30,000
Remaining to be Allocated	\$ -	\$ 1,247,006	\$ 1,247,006	\$ -
<b>Total</b>	<b>\$ 1,973,788</b>	<b>\$ 6,777,875</b>	<b>\$ 4,804,087</b>	<b>\$ 30,000</b>

Funding	
User Fees	\$ 5,857,875
Capital Reserves	\$ 920,000
<b>Total</b>	<b>\$ 6,777,875</b>

Appendix B - Large Capital Projects Status Update

Sewer Priority Replacement & Rehabilitation

Department: Wastewater Section: Wastewater Linear  
 Expected Completion Date: 2022

**Project Highlights:** Detailed design and construction of various watermain replacement or rehabilitation (lining) projects based on recommendations and framework contained in the Water/Wastewater Infrastructure Master Plan and Asset Management Plan, both recently received by Council. The Master Plan provides recommendations for the long term infrastructure needs, based on four primary principles: Safety; Efficiency; Regulatory Requirements; and Development. The priorities are then allocated within the constraints of the City's Water/Wastewater Long-Term Financial Plan & Capital Budget.

The following locations will be completed in 2020:

- Barry Downe Road from Kingsway to Westmount Avenue (construction)
- Dell Street from Notre Dame Avenue to Snowdon Avenue (construction)
- Hyland Drive from Regent Street to Winchester Street (construction)
- Larch Street from Elgin Street to Lisgar Street (design)
- Notre Dame Avenue (Hanmer) from Dominion Drive to Oscar Street (construction)
- Regent Street from Paris Street to Caswell Drive (design)
- Rheel Street from Levesque Street to Estelle Street (design)
- Rita from Wilfred Street to East End (construction)
- Sparks Street from Barry Downe to Roy Avenue (construction)
- Struthers Street from Regent Street to Charlotte Streer (design)
- Will Street from Falconbridge Road to Josephine Street (construction)

**Accomplishments to Date:** On-going: various projects in various phases. Some under construction, design or to be tendered in early 2021. Some surface asphalt to be placed in 2022.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Sewer Priority Rehab	\$ -	\$ 3,375,000	\$ 3,375,000	\$ -
<b>Total</b>	<b>\$ -</b>	<b>\$ 3,375,000</b>	<b>\$ 3,375,000</b>	<b>\$ -</b>

Funding	
User Fees	\$ 2,415,000
Federal Grant-Gas Tax	\$ 960,000
<b>Total</b>	<b>\$ 3,375,000</b>

Charles Street Lift Station Upgrades

Department: Wastewater Section: Wastewater Plants  
 Expected Completion Date: Q4 2022

**Project Highlights:** Replace the existing lift station because of the structural condition with a new one within the existing site. In addition, build a new forcemain to connect to rock tunnel. Project involves also moving existing museum buildings to O'Connor Park to allow for construction.

**Accomplishments to Date:** The museum building was moved. The Detail design is complete and is ready to go for tender.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Environmental Assessment	\$ 127,207	\$ 127,207	\$ -	\$ -
Lift Station Upgrades	\$ 1,665,871	\$ 8,601,521	\$ 6,935,650	\$ -
Project Design	\$ 702,310	\$ 975,000	\$ 272,690	\$ -
<b>Total</b>	<b>\$ 2,495,389</b>	<b>\$ 9,703,728</b>	<b>\$ 7,208,339</b>	<b>\$ -</b>

Funding	
User Fees	\$ 3,703,728
Future Financing	\$ 6,000,000
<b>Total</b>	<b>\$ 9,703,728</b>

Appendix B - Large Capital Projects Status Update

Valley East WWTP

Department: Wastewater Section: Wastewater Plants  
 Expected Completion Date: Q4 2021

Project Highlights: Capital need study is complete with recommendations for plant upgrades. Phase 1 of the upgrades is underway. Contractor onsite to complete the work. Phase 2 for aeration system, electrical upgrades and effluent treatment to start in June 2019.

Accomplishments to Date: Sludge system and concrete work complete. Detail design for aeration system and electrical and mechanical upgrades in final stage. Expect to tender by Q1 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Dechlorination	\$ 307,437	\$ 2,046,003	\$ 1,738,566	\$ -
Valley East WWTP Upgrade Insp	\$ 772,728	\$ 900,000	\$ 127,272	\$ -
WWTP Upgrades	\$ 231,279	\$ 450,000	\$ 218,721	\$ -
Concrete Rehab	\$ 37,906	\$ 200,000	\$ 162,094	\$ -
Capital Needs Study	\$ 130,353	\$ 197,744	\$ 67,391	\$ -
Dechlorination	\$ 267,689	\$ 267,689	\$ -	\$ -
Process/Eqpt Upgrades	\$ 154,291	\$ 154,291	\$ -	\$ -
<b>Total</b>	<b>\$ 1,901,682</b>	<b>\$ 4,215,726</b>	<b>\$ 2,314,044</b>	<b>\$ -</b>

Funding	
User Fees	\$ 3,315,526
Capital Reserves	\$ 900,000
Provincial Grant	\$ 200
<b>Total</b>	<b>\$ 4,215,726</b>

Walden WWTP

Department: Wastewater Section: Wastewater Plants  
 Expected Completion Date: Q4 2023

Project Highlights: Project consists of expanding Walden Plant to meet the required capacity to treat effluent flows as recommended by Environmental Assessment (EA) and Master Plan. The plant will be treating all flows coming from Lively and Walden.

Accomplishments to Date: Study of effluent limits is underway. Targeting to complete the study by end of 2020. Next phase is tender for plant expansion detail design start by Q1 2021

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Process/Eqpt Upgrades	\$ 113,743	\$ 3,750,000	\$ 3,636,257	\$ -
WWTP Upgrades	\$ 4,318	\$ 946,485	\$ 942,167	\$ -
Clarifier Repairs	\$ 99,510	\$ 99,510	\$ -	\$ -
Process/Eqpt Upgrades	\$ 57,592	\$ 57,592	\$ -	\$ -
Clarifier Repairs	\$ 1,143,199	\$ 1,143,199	\$ -	\$ -
<b>Total</b>	<b>\$ 1,418,362</b>	<b>\$ 5,996,786</b>	<b>\$ 4,578,424</b>	<b>\$ -</b>

Funding	
User Fees	\$ 5,996,786
<b>Total</b>	<b>\$ 5,996,786</b>

Appendix B - Large Capital Projects Status Update

Wanapitei WTP Phase 3

Department: Water Section: Water Plants  
 Expected Completion Date: Q3 2022

**Project Highlights:** Project involves transformer upgrades for both the treatment plant and the intake. Project coordinated with Hydro One and covering the cost of the work including the equipment. Other stand alone projects involve upgrades to water treatment operation units and related controls and equipment upgrades. The entrance modification is an MTO project for which the City is contributing and collaborating with.

**Accomplishments to Date:** Transformer project complete and under warranty period. Valves control at wanapitei and at intake pump facility project under design. Ongoing performance study and condition assessment for Filter replacement and reactorator. Wanapitei water pipe and corrosion protection is underway. Will be implementing inspection recommendation

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Reactivator Upgrades	\$ 181,195	\$ 1,700,000	\$ 1,518,805	\$ -
Entrance Modification	\$ -	\$ 715,000	\$ 715,000	\$ -
Filter Blower Replacement	\$ 65,929	\$ 490,000	\$ 424,071	\$ -
Intake Pump Replacement	\$ -	\$ 350,000	\$ 350,000	\$ -
Filter Replacement	\$ 17,461	\$ 250,000	\$ 232,539	\$ -
Transformer Upgrades	\$ 910,757	\$ 1,300,000	\$ 389,243	\$ -
Leak Detection Annual Program	\$ 26,934	\$ 200,000	\$ 173,066	\$ -
Miscellaneous Plant Repairs	\$ 76,104	\$ 826,392	\$ 750,288	\$ -
Annual Corrosion Protection	\$ 5,274	\$ 150,000	\$ 144,726	\$ -
Plant Repairs & Equipment Rplm	\$ 76,258	\$ 76,258	\$ -	\$ -
<b>Total</b>	<b>\$ 1,359,910</b>	<b>\$ 6,057,650</b>	<b>\$ 4,697,740</b>	<b>\$ -</b>

Funding	
Annual Contribution to Capital	\$ 4,542,650
Capital Reserves	\$ 215,000
Recovered from Others	\$ 1,300,000
<b>Total</b>	<b>\$ 6,057,650</b>

Sudbury WWTP Phase 3

Department: Wastewater Section: Wastewater Plants  
 Expected Completion Date: Q4 2021

**Project Highlights:** Project consists of installing new electrical sub-station to allow the SWWTP to disconnect from the power grid in order to save on energy costs. Project also includes installation of new turbo blower as well as electrical and control upgrades.

**Accomplishments to Date:** Generator technology feasibility study completed. Detail design near completion. Blower Upgrades construction almost complete.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Misc Plant Repairs	\$ 124,949	\$ 100,121	\$ (24,829)	\$ (24,829)
Standby Power/Parking Lt/RV D	\$ 121,167	\$ 5,750,000	\$ 5,628,833	\$ -
Blower Upgrades	\$ 531,766	\$ 564,954	\$ 33,188	\$ -
<b>Total</b>	<b>\$ 777,883</b>	<b>\$ 6,415,075</b>	<b>\$ 5,637,192</b>	<b>\$ (24,829)</b>

Funding	
User Fees	\$ 5,992,332
Capital Reserves	\$ 422,743
<b>Total</b>	<b>\$ 6,415,075</b>

Copper Cliff WW System

Department: Wastewater Section: Wastewater Plants  
 Expected Completion Date: Complete

**Project Highlights:** Project consist of upgrading Nickel Lift station with construction of the forcemain from Copper Cliff to SWWTP.

**Accomplishments to Date:** Nickel Lift Station and Forcemain construction complete. Warranty period.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Copper Cliff WW System	\$ 9,781,975	\$ 10,000,000	\$ 218,025	\$ -

Funding	
User Fees	\$ 6,496,948
Future Financing	\$ 3,503,052
<b>Total</b>	<b>\$ 10,000,000</b>

Appendix B - Large Capital Projects Status Update

Well Process Upgrades

Department: Water Section: Water Plants  
Expected Completion Date: Q32021

**Project Highlights:** M, J, and Kenneth wells supply water to the population in Valley East. These wells suffer from a water quality perspective. Concentration of iron and manganese in water are at limits that require a special consideration for treatment. A study was conducted recently by WPS Global and provided a recommendation to resolve the iron and manganese concentration limit issue. This project is to implement the recommended solution using best available treatment technology. This is valley wells upgrades under construction by PCL.

**Accomplishments to Date:** The project construction is underway and hoping to start another phase after completing the existing work by Q1 2021.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Valley Wells Upgrades	\$ 2,112,611	\$ 4,088,296	\$ 1,975,685	\$ -

Funding	
User Fees	\$ 2,585,741
Capital Reserves	\$ 1,502,555
<b>Total</b>	<b>\$ 4,088,296</b>

Lift Station Upgrades

Department: Wastewater Section: Wastewater Plants  
Expected Completion Date: Q4 2022

**Project Highlights:** The project objectives are to complete the required upgrades at St. Charles Lift Station, Levesque Lift Station, Walford Lift Station and various lift stations.

**Accomplishments to Date:** As identified in the detail design, the upgrades for the St. Charles Lift Station include the new lift station, forcemain, tunnel connection and the museum Walford LS complete and is under warranty period. Levesque LS is under construction. St charles LS museum building move completed. Detail design complete and ready for tender.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Lift Station Upgrades	\$ 884,356	\$ 5,500,000	\$ 4,615,644	\$ -

Funding	
User Fees	\$ 3,500,000
Capital Reserves	\$ 2,000,000
<b>Total</b>	<b>\$ 5,500,000</b>