

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	\$ -
Total	\$ 2,479,247.99	\$ 100,454,834	\$ 97,975,586	\$ -

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

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	\$ -
Total	\$ 646,506	\$ 670,000	\$ 23,494	\$ -

Funding	
Capital Reserves	\$ 622,500
Recoveries	\$ 47,500
Total	\$ 670,000

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	\$ -
Total	\$ -	\$ 1,050,000	\$ 1,050,000	\$ -

Funding	
Debt	\$ 1,050,000
Total	\$ 1,050,000

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	\$ -
Total	\$ 1,433,265	\$ 2,300,000	\$ 866,735	\$ -

Funding	
Debt	\$ 2,300,000
Total	\$ 2,300,000

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
Total	\$ 16,125	\$ 1,250,000	\$ 1,233,875	\$ 600,000

Funding	
Annual Contribution to Capital	\$ 1,250,000
Total	\$ 1,250,000

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	\$ -
Total	\$ 458,131	\$ 2,250,000	\$ 1,791,869	\$ -

Funding	
Annual Contribution to Capital	\$ 2,250,000
Total	\$ 2,250,000

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
Total	\$ 1,334,477	\$ 1,350,000	\$ 15,523	\$ 15,523

Funding	
Provincial Grant - ICIP	\$ 675,000
Provincial Grant - Gas Tax	\$ 675,000
Total	\$ 1,350,000

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	\$ -
Total	\$ -	\$ 6,540,000	\$ 6,540,000	\$ -

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
Total	\$ 6,540,000

Appendix B - Large Capital Projects Status Update

Route Optimization Study

Department: Community Development Section: Transit Services
 Expected Completion Date: March-22

Project Highlights: Analyze transit service delivery, recommend a new route network and identify infrastructure gaps and opportunities. Consultant portion of the work is approximately \$250,000 with the remaining funds applied to various improvements.

Accomplishments to Date: Project end date has been extended to March 2022. Remaining budget will be applied to shelter installation and customer experience improvements.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Route Optimization Study	\$ 700,010	\$ 1,075,000	\$ 374,990	\$ -
Contribution to Operating	\$ 104,625	\$ 130,000	\$ 25,375	\$ -
Total	\$ 804,635	\$ 1,205,000	\$ 400,365	\$ -

Funding		
Annual Contribution to Capital		\$ 20,000
Federal Grant	PTIF	\$ 602,500
Provincial Grant	Gas Tax	\$ 582,500
	Total	\$ 1,205,000

Garage Improvements

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

Project Highlights: Improve service reliability and minimize rolling stock lifecycle costs by undertaking retrofit and rehabilitation work on the City's only Transit maintenance and storage building.

Accomplishments to Date: Project was led by Capital Assets section and primary scope of work was completed by Q2 of 2020

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Garage Improvements	\$ 3,520,087	\$ 3,537,580	\$ 17,493	\$ 17,493

Funding		
Federal Grant	PTIF	\$ 1,750,000
Provincial Grant	Gas Tax	\$ 1,750,000
Recoveries		\$ 37,580
	Total	\$ 3,537,580

Terminal Improv - Elm St

Department: Community Development Section: Transit Services
 Expected Completion Date: Completed

Project Highlights: Improve customer service and the overall customer experience with building upgrades that improve its efficiency (HVAC, paving, flooring, washroom facilities, crime prevention) and also make it a more comfortable environment for riders.

Accomplishments to Date: Project objectives were met on time by Q2 of 2019.

As at June 30, 2020	Actuals to Date	Budget to Date	Remaining Budget	Expected Surplus/Deficit
Terminal Improvements - Elm St	\$ 1,275,728	\$ 1,276,264	\$ 536	\$ 536

Funding		
Annual Contribution to Capital		\$ 12,261
Capital Reserves		\$ 39,253
Federal Grant	PTIF	\$ 612,250
Provincial Grant	Gas Tax	\$ 612,500
	Total	\$ 1,276,264

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
Total	\$ 1,526,926

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	\$ -
Total	\$ -	\$ 2,630,484	\$ 2,630,484	\$ -

Funding	
Annual Contribution to Capital	\$ 2,630,484
Total	\$ 2,630,484

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
Total	\$ 1,744,568

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
Total	\$ 6,689,871

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
Total	\$ 280,566	\$ 2,052,419	\$ 1,771,853	\$ 200,000

Funding	
Annual Contribution to Capital	\$ 2,052,419
Total	\$ 2,052,419

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)	\$ -
Total	\$ 135,475	\$ 1,620,122	\$ 1,484,647	\$ -

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

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	\$ -	\$ -
Total	\$ 1,102,580	\$ 1,602,580	\$ 500,000	\$ -

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

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	\$ -
Total	\$ -	\$ 975,000	\$ 975,000	\$ -

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

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
Total	\$ 1,060,526	\$ 1,126,257	\$ 65,731	\$ 23,600

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

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
Total	\$ 2,974,069

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)
Total	\$ 10,090,712	\$ 10,298,478	\$ 207,766	\$ 149,800

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

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	\$ -
Total	\$ -	\$ 2,100,000	\$ 2,100,000	\$ -

Funding	
Annual Contribution to Capital	\$ 2,100,000
Total	\$ 2,100,000

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
Total	\$ 5,228,505

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
Total	\$ 6,600,000

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	\$ -
Total	\$ 9,403,048	\$ 24,807,069	\$ 15,404,021	\$ 150,000

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
Total	\$ 24,807,069

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	\$ -
Total	\$ 207,698	\$ 7,600,000	\$ 7,392,302	\$ -

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

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
Total	\$ 12,750,535

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	\$ -
Total	\$ 461,586	\$ 2,201,000	\$ 1,739,414	\$ -

Funding	
Annual Contribution to Capital	\$ 2,201,000
Total	\$ 2,201,000

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	\$ -
Total	\$ 2,757,410	\$ 4,256,734	\$ 1,499,324	\$ -

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

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	Subwatershed Provincial Fund \$ 2,332,598
Total	\$ 2,903,298

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
Total	\$ 2,100,000

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	\$ -
Total	\$ 28,023	\$ 2,850,000	\$ 2,821,977	\$ -

Funding	
Annual Contribution to Capital	\$ 350,000
Debt	\$ 2,500,000
Total	\$ 2,850,000

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	\$ -
Total	\$ 2,677,632	\$ 3,976,982	\$ 1,299,349	\$ -

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

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
Total	\$ 1,421,715

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
Total	\$ 598,910	\$ 1,134,000	\$ 535,090	\$ 772

Funding	
Annual Contribution to Capital	\$ 1,000,000
Capital Reserves	\$ 134,000
Total	\$ 1,134,000

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	\$ -
Total	\$ 900,840	\$ 2,239,000	\$ 1,338,160	\$ -

Funding	
Annual Contribution to Capital	\$ 2,239,000
Total	\$ 2,239,000

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	\$ -
Total	\$ 252,839	\$ 1,032,945	\$ 780,106	\$ -

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

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	\$ -
Total	\$ 1,664,090	\$ 5,270,000	\$ 3,605,910	\$ -

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

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
Total	\$ 5,004,584

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	\$ -	\$ -
Total	\$ 3,473,002	\$ 3,713,249	\$ 240,248	\$ -

Funding	
Capital Reserves	\$ 3,713,249
Total	\$ 3,713,249

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	\$ -
Total	\$ 78,008,962	\$ 86,564,991	\$ 8,556,029	\$ -

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
Total	\$ 86,564,991

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
Total		\$ 11,120,159

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
Total		\$ 5,509,683

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
Total		\$ 4,572,420

Appendix B - Large Capital Projects Status Update

Silver Hills Phase 2

Department:	Growth & Infrastructure	Section:	Roads
		Expected Completion Date:	Unknown
Project Highlights:	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.		
Accomplishments to Date:	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
Total	\$ 5,758,351

MR 35

Department:	Growth & Infrastructure	Section:	Roads
		Expected Completion Date:	December-22
Project Highlights:	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.		
Accomplishments to Date:	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	\$ -
Total	\$ 13,200,270	\$ 38,689,447	\$ 25,489,177	\$ -

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

Lorne Street

Department:	Growth & Infrastructure	Section:	Roads
		Expected Completion Date:	December-24
Project Highlights:	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.		
Accomplishments to Date:	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	\$ -
Total	\$ 727,268	\$ 9,587,059	\$ 8,859,791	\$ -

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

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	\$ -
Total	\$ 531,220	\$ 4,551,678	\$ 4,020,459	\$ -

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

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	\$ -
Total	\$ -	\$ 5,000,000	\$ 5,000,000	\$ -

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

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	\$ -
Total	\$ -	\$ 3,400,000	\$ 3,400,000	\$ -

Funding	
Debt	\$ 3,400,000
Total	\$ 3,400,000

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	\$ -
Total	\$ 4,672,442	\$ 5,115,000	\$ 442,558	\$ -

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

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	\$ -
Total	\$ 21,178	\$ 5,075,000	\$ 5,053,822	\$ -

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

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.

Accomplishments to Date:

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

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	\$ -
Total	\$ 7,543,170	\$ 26,123,488	\$ 18,580,318	\$ -

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
Total	\$ 26,123,487

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	\$ -
Total	\$ 521,824	\$ 14,650,000	\$ 14,128,176	\$ -

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

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	\$ -
Total	\$ 139,538	\$ 3,790,000	\$ 3,650,462	\$ -

Funding	
Annual Contribution to Capital	\$ 450,000
Debt	\$ 3,340,000
Total	\$ 3,790,000

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	\$ -
Total	\$ 1,745,033	\$ 2,630,559	\$ 885,526	\$ -

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

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	\$ -
Total	\$ 160,983	\$ 5,270,000	\$ 5,109,017	\$ -

Funding	
Debt	\$ 5,270,000
Total	\$ 5,270,000

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	\$ -	\$ -
Total	\$ 1,237,769	\$ 21,561,894	\$ 25,093,658	\$ -

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

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	\$ -
Total	\$ 2,260,342	\$ 8,971,584	\$ 6,711,242	\$ -

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

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
Total	\$ 3,702,800

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
Total	\$ 3,493,615

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	\$ -
Total	\$ 9	\$ 9,255,000	\$ 9,254,991	\$ -

Funding	
User Fees	\$ 9,255,000
Total	\$ 9,255,000

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	\$ -
Total	\$ 1,973,788	\$ 6,777,875	\$ 4,804,087	\$ 30,000

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

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	\$ -
Total	\$ -	\$ 3,375,000	\$ 3,375,000	\$ -

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

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	\$ -
Total	\$ 2,495,389	\$ 9,703,728	\$ 7,208,339	\$ -

Funding	
User Fees	\$ 3,703,728
Future Financing	\$ 6,000,000
Total	\$ 9,703,728

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	\$ -	\$ -
Total	\$ 1,901,682	\$ 4,215,726	\$ 2,314,044	\$ -

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

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	\$ -	\$ -
Total	\$ 1,418,362	\$ 5,996,786	\$ 4,578,424	\$ -

Funding	
User Fees	\$ 5,996,786
Total	\$ 5,996,786

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	\$ -	\$ -
Total	\$ 1,359,910	\$ 6,057,650	\$ 4,697,740	\$ -

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

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	\$ -
Total	\$ 777,883	\$ 6,415,075	\$ 5,637,192	\$ (24,829)

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

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
Total	\$ 10,000,000

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
Total	\$ 4,088,296

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
Total	\$ 5,500,000