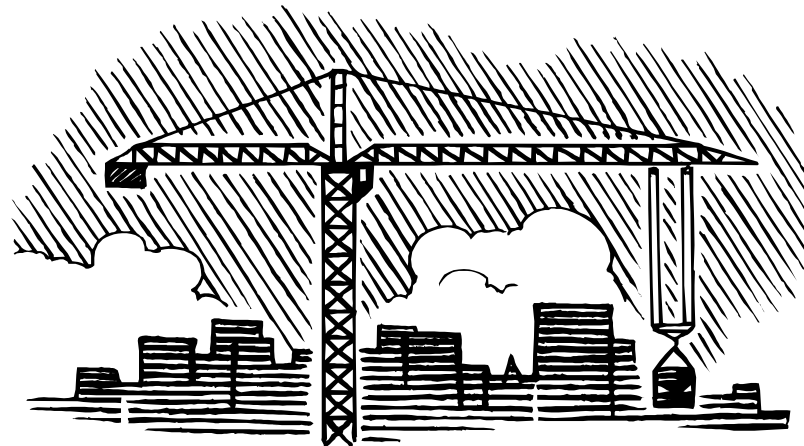


10 YEAR CAPITAL INVESTMENT PLAN

2017 Budget and 10 Year Outlook (2018 to 2027)

Summary



"The 10 Year Capital Investment Plan serves as a roadmap for staff and Council when considering not only the spending of money to buy new, or maintain its existing capital assets, but also to plan for the projects' long term funding so that the money is available when needed."

Other than the identified 2018 budget items, council has not approved or endorsed any of the specific items in the plan. This document is to be used as a reference tool only, and represents a consolidation of the views of various staff members responsible for maintaining assets and services.

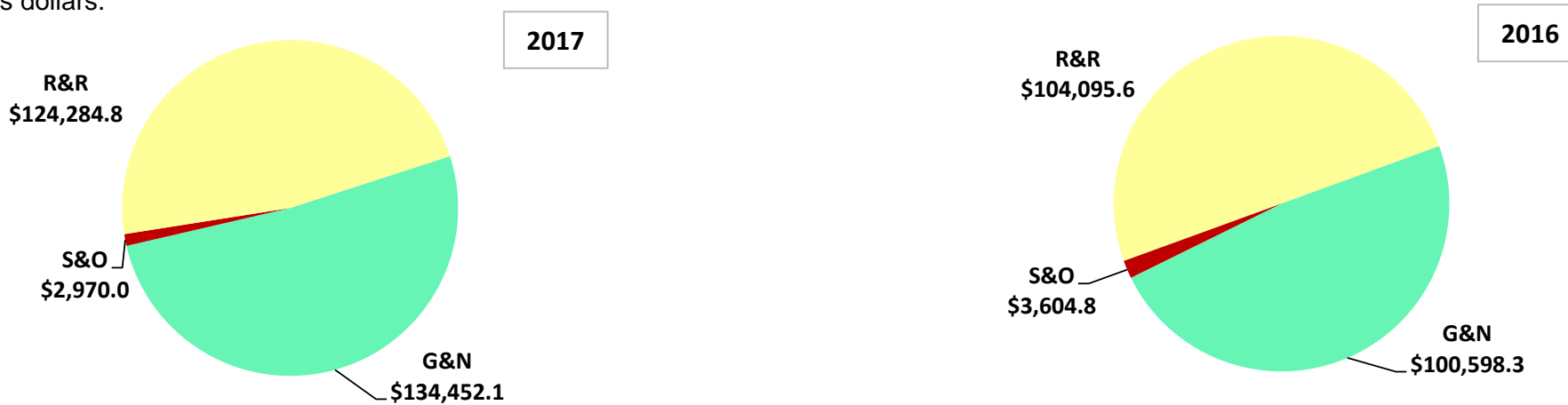
Other than library facilities, the document does not include any Library Board projects.

TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027

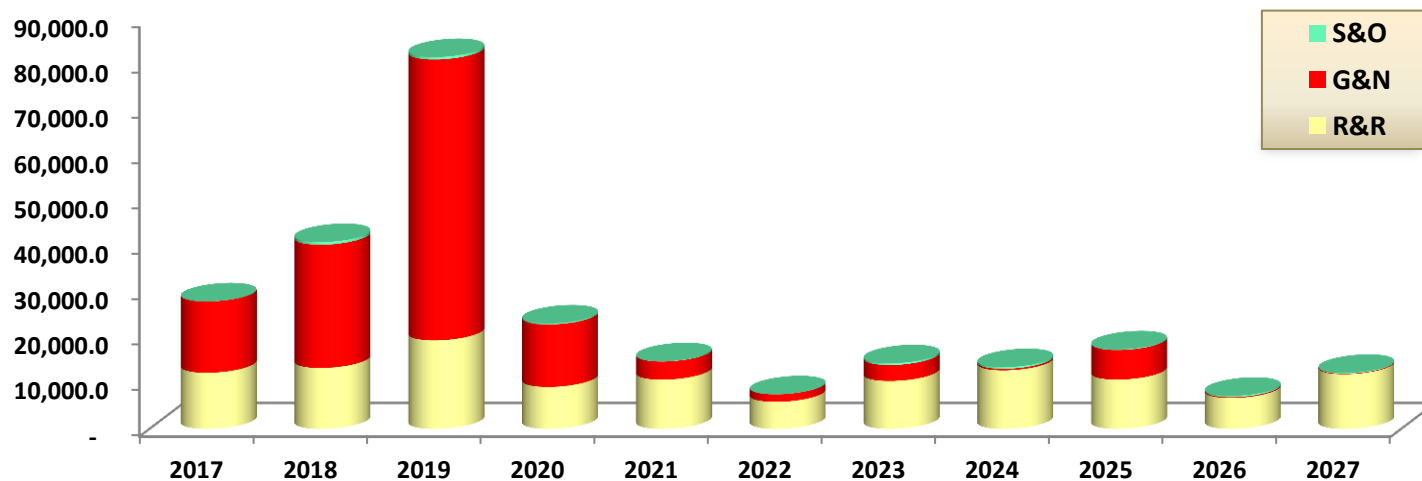
INTRODUCTION

The Town currently owns approximately six hundred million dollars in assets comprised of roads; bridges; buildings; parks; underground water, wastewater and storm water infrastructure; streetlights; and vehicles, etc. This investment needs to be protected through planning for the repair or replacement of these assets to properly maintain them; and equally as important is the planning for the funding for these projects.

The 2017 10 Year Capital Investment Plan (total of 11 years - 2017 to 2027) identifies 324 projects with a total capital expenditure of \$261,706,848. Of this, 219 projects relate to Repair and/or Replacement ('R&R') of existing infrastructure representing \$124,284,755 or 47.5% of the total plan's dollars; 78 projects relate to Growth Related or New Assets ('G&N'), representing \$134,452,093 or 51.4% of of the total plan's dollars; and 29 projects relate to Studies and Other projects ('S&O'), representing \$2,970,000 or 1.1% of the total plan's dollars.



The expenditures are not spread equally over the 11 year period, with major G&N projects planned in 2017 to 2020 influencing the phasing:

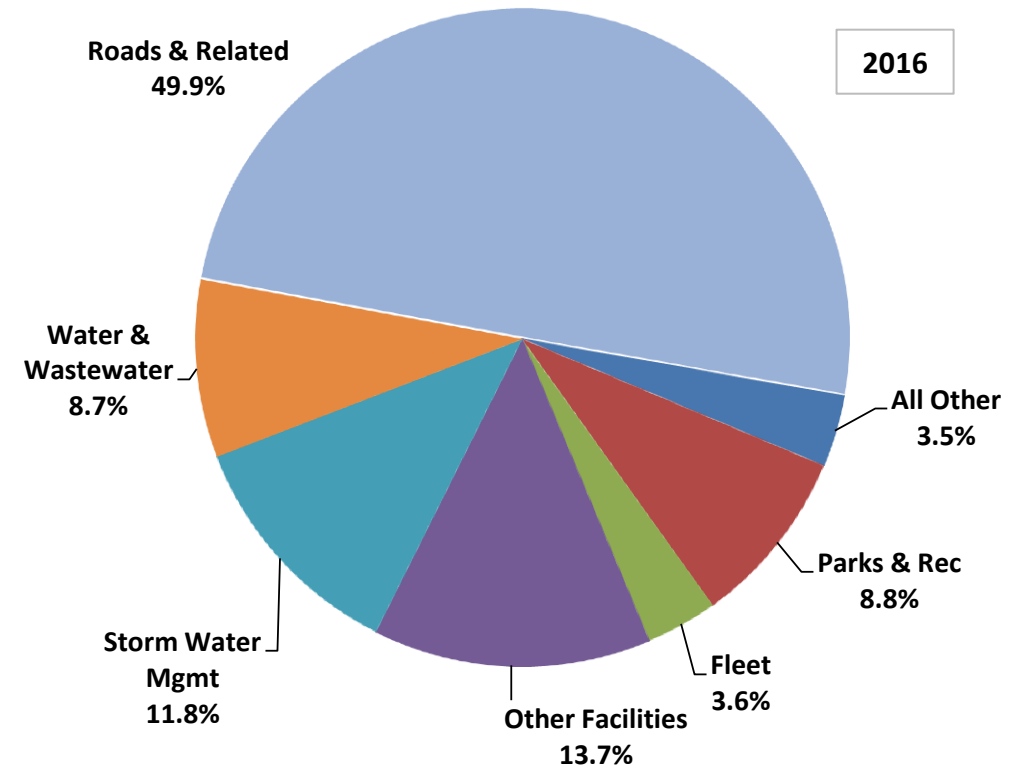
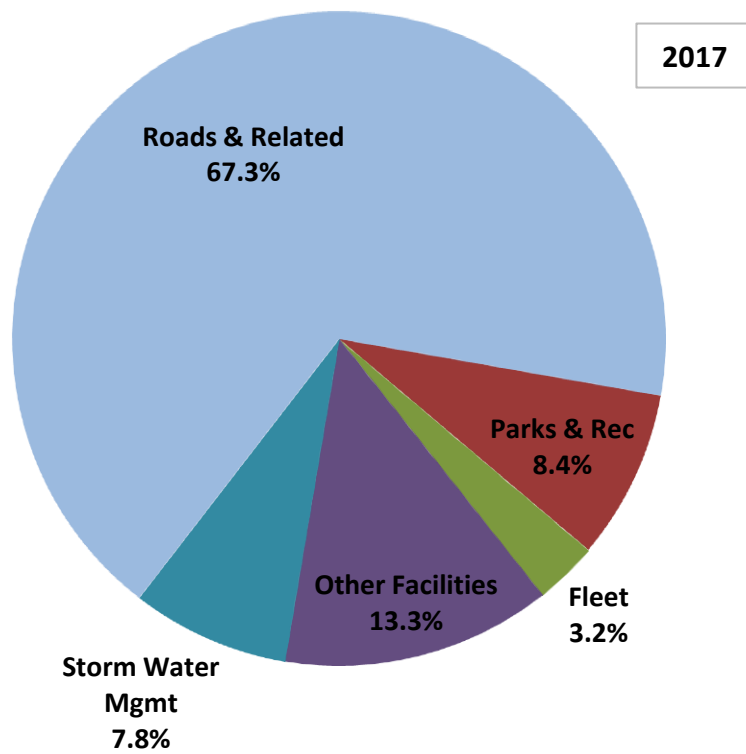


TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027

R & R PROJECTS

As one would expect Repair and Replacement (R & R) projects represent a material proportion of the Town's planned investment representing 47% of the total plan.

The following is the 11 year category breakdown of the \$124.3 million R&R expenditure:

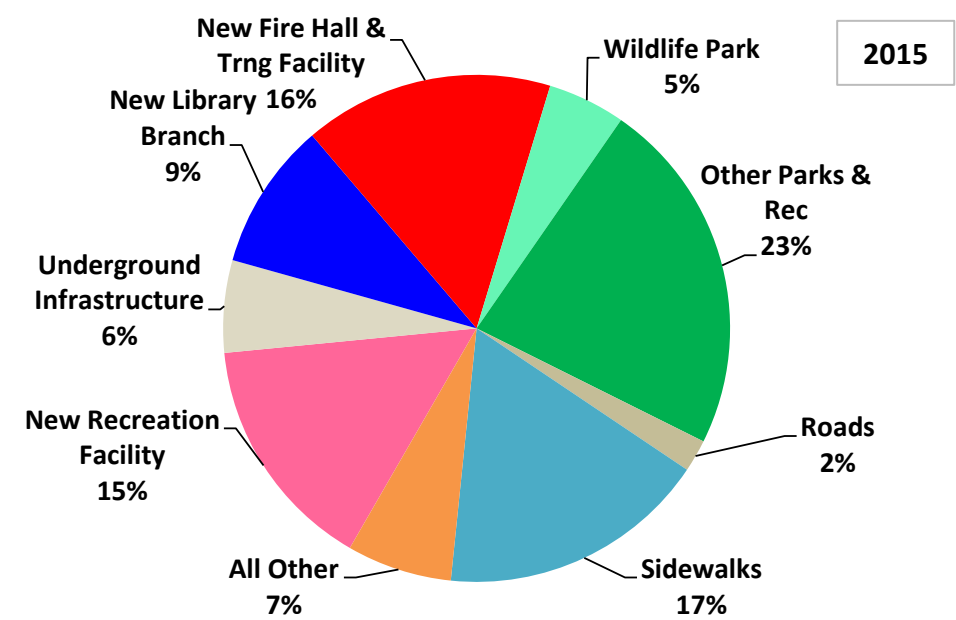
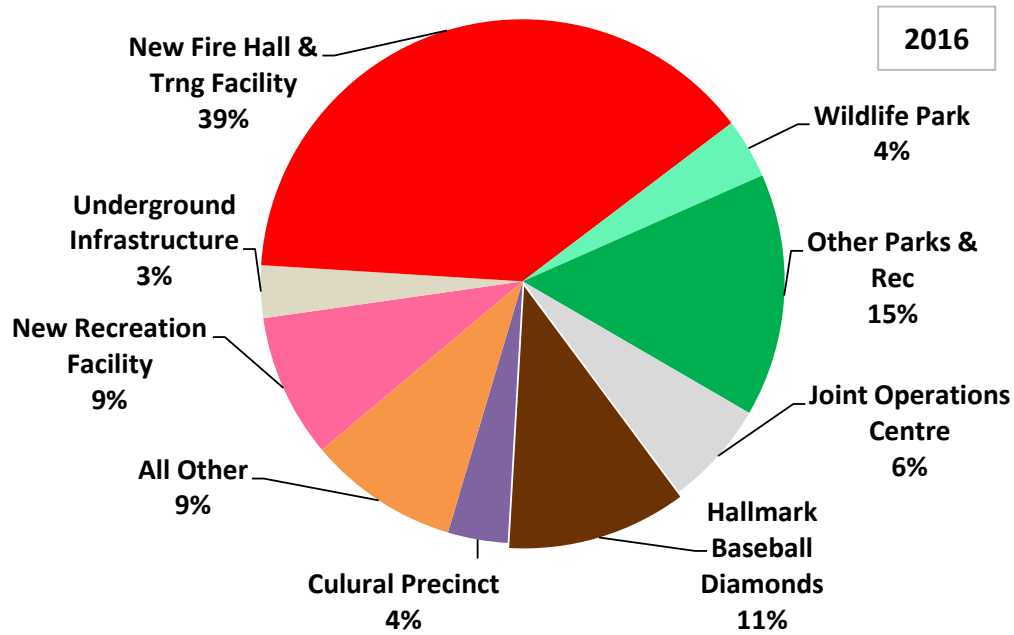


TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027

G & N PROJECTS

There are a number of significant new projects identified throughout the 11 years of the Long Term Capital Investment Plan. These include \$10,480,000 for the design and construction of a new fire services headquarters and training facility, a \$40,000,000 3 year project beginning in 2018 for the design and construction of a new recreational facility, a three year \$9,500,000 beginning in 2018 for design and construction of a new library as well as \$5,000,000 covering the period of 2018 and 2019 for the final design and implementation of the Town's Cultural Precinct plan. These estimates may be subject to change as the requirements and designs for these above noted facilities are finalized.

The following is the 11 year category breakdown of the \$134.5 million G&N expenditure:



TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027

S & O PROJECTS

Over the 11 years of the Long Term Capital Investment Plan there are 21 projects totalling \$2,970,000. These include an update of the Town's Strategic Plan (2026); an update of the Development Charges Background Study (2018); an I.T. Strategic Plan (2020). In addition, I.E.S is planning a number of studies in the transportation and environmental areas as well as \$750,000 in water and waste water related studies.

By Department, the S&O Project's \$2,970,000 is anticipated to be spread as follows:

Administration	\$ 505.0	17.0%
Planning	300.0	10.1%
I.E.S.	1,580.0	53.2%
Corporate Services	<u>585.0</u>	19.7%
	<u>\$ 2,970.0</u>	

FUNDING and RESERVES

As shown graphically on Page 1 of this Executive Summary, the funding requirement varies significantly by year, through-out the period of this capital investment plan. This volatility in funding requirements is a problem for a municipality that must collect its main source of revenue (Property Tax) relatively consistently from year to year with a desire of avoiding tax rate fluctuations due to capital needs. This problem is overcome by smoothing the funds coming from taxation through the use of Reserves which act as a "buffer".

The other issue is one of ensuring that the Town has the required funding when it is needed. Annually updating the longer term capital plan is crucial in meeting this need.

The Town has embarked on a program of funding the Infrastructure Reserves from each year's operating budget. This annual amount has approval to grow each year by a variable percentage of the current year's Town-only projected core Tax Levy. This method ensures a steady (albeit growing) and consistent source of funds going to Infrastructure Reserves, so that long term capital planning and resultant spending is possible. In recognition of growing inflationary and aging asset pressures, ELT recommended a growth rate of 0.50% for the 2018 fiscal year increasing progressively each following year toward an on-going growth rate of 1% per year.

Town-only projected core Tax Levy per year is recommended as follows:

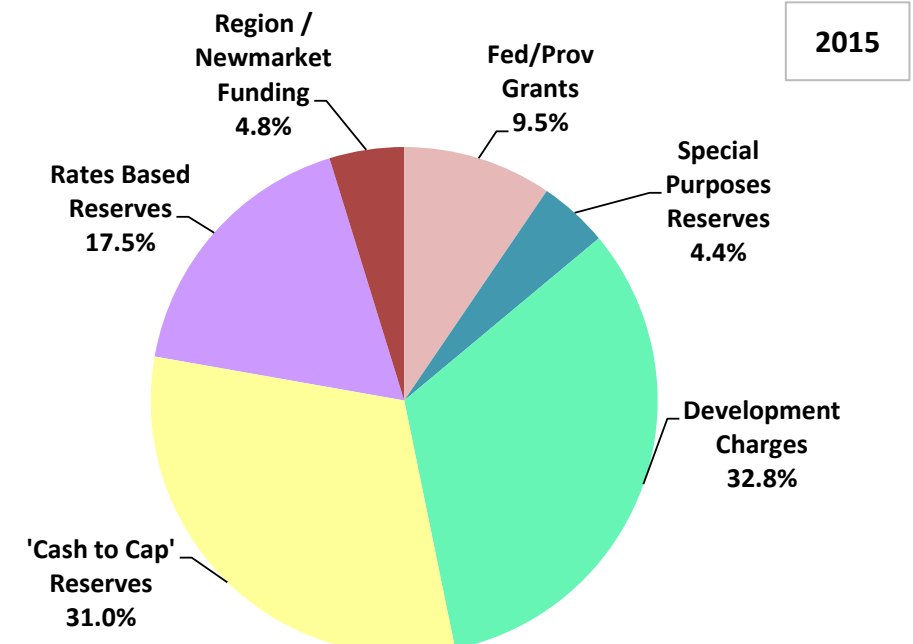
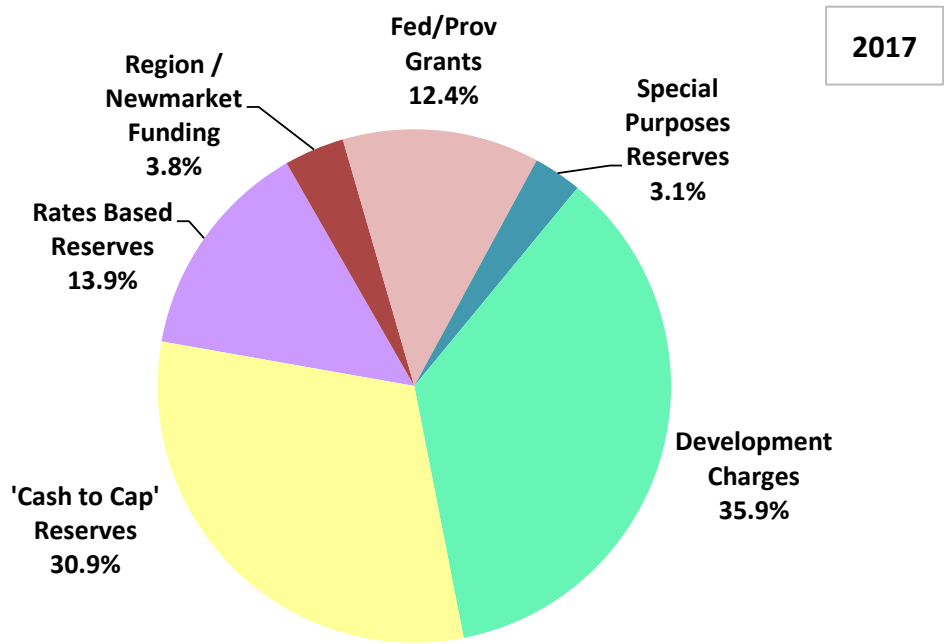
<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
0.60%	0.50%	0.70%	0.70%	0.80%	0.80%	0.80%	0.90%	0.90%	0.90%	1.00%

It should be noted that in addition to internal sources, capital funding sources also include government grants (Federal Gas Tax, the federal government's "Action Plan", Ontario Community Infrastructure Fund (OCIF) being examples), Development Charges, and certain Planning and Engineering Fees charged to developers, although these other sources are usually used for Growth & New projects.

FUNDING and RESERVES (continued)

In this 2017 Ten Year Capital Investment Plan, the following shows the requirement for funding from the Infrastructure Reserve accounts, which are in turn funded through the annual "Cash to Capital" coming from the operating budget. (values shown are in thousands of dollars)

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>TOTAL</u>
Total Capital Funding	28,039.6	41,095.9	81,777.5	23,186.8	14,889.2	7,603.2	14,438.0	13,586.3	17,486.8	7,280.0	12,323.5	261,706.8
External Sources	(22,142.2)	(26,386.4)	(68,322.4)	(17,049.5)	(10,699.3)	(6,220.8)	(9,749.5)	(6,351.9)	(12,282.9)	(4,596.4)	(6,809.2)	(190,610.6)
From 'Cash to Cap' Reserves	5,897.4	14,709.5	13,455.1	6,137.4	4,189.9	1,382.4	4,688.5	7,234.4	5,203.8	2,683.6	5,514.3	71,096.2

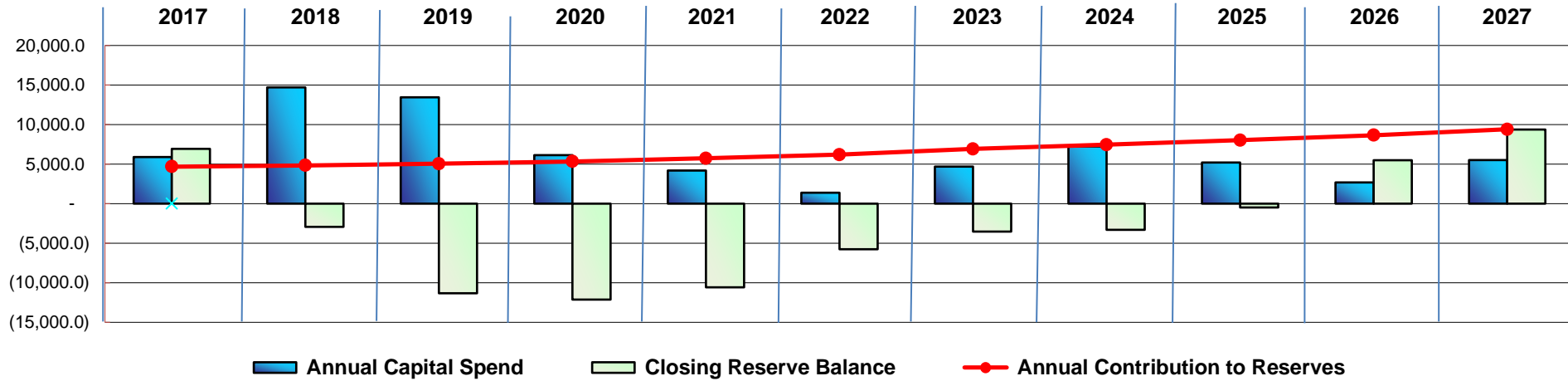


Using the "buffer" provided by Reserve Accounts results in Reserve Account Continuity that looks like this:

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>TOTAL</u>
Opening Reserve Value	8,142.9	6,934.5	(2,933.7)	(11,334.3)	(12,135.6)	(10,583.7)	(5,765.4)	(3,533.9)	(3,308.8)	(483.2)	5,493.8	8,142.9
+ Cash to Capital	4,602.8	4,818.4	5,136.1	5,470.2	5,871.8	6,529.1	6,973.2	7,498.6	8,051.1	8,632.1	8,142.9	71,726.3
+ % of Prior Tax Levy	243.1	215.6	317.7	334.1	401.6	422.3	444.1	525.4	552.5	581.0	678.9	4,716.3
+ Interest on Reserve Bal	(156.9)	(192.7)	(399.3)	(468.3)	(531.5)	(750.8)	(497.3)	(564.5)	(574.2)	(552.4)	574.2	(4,113.7)
Minus Capital Spend	(5,897.4)	(14,709.5)	(13,455.1)	(6,137.4)	(4,189.9)	(1,382.4)	(4,688.5)	(7,234.4)	(5,203.8)	(2,683.6)	(5,514.3)	(71,096.2)
Closing Reserve Value	6,934.5	(2,933.7)	(11,334.3)	(12,135.6)	(10,583.7)	(5,765.4)	(3,533.9)	(3,308.8)	(483.2)	5,493.8	9,375.6	9,375.6

This is shown graphically on the following page and, in more detail, on page 11

FUNDING and RESERVES (continued)



As shown above, based upon the presently proposed funding allocations from the annual operating budget, the resultant reserve levels will be sufficient in order to accommodate the planned capital spend requirement as outlined here. However, the Town's defined benchmark of two times the ten year average funding requirement has not yet been achieved by the end of this ten year planning horizon. Also, finance staff believe that some R&R required expenditures in the latter years of this planning horizon may be incomplete, thus producing healthier than expected reserve balances.

TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027
SUMMARY OF ANNUAL CAPITAL SPEND REQUESTS

	Pg Ref	2017 (Approved)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	10 YEAR OUTLOOK
REPAIR and REPLACEMENT PROJECTS													
Administration		-	70.0	10.0	10.0	-	-	-	-	-	-	-	90.0
Financial Services	15	-	100.0	600.0	-	-	-	-	-	-	-	-	700.0
Corporate Services	17	546.8	727.3	386.9	371.3	423.9	315.5	207.5	184.1	147.6	111.8	200.2	3,076.0
Roads & Related	18	4,522.4	8,042.2	9,353.9	3,770.1	6,349.7	2,698.7	5,842.5	9,424.7	5,790.0	5,160.2	9,925.3	66,357.5
Water Projects	25	1,560.0	600.0	1,300.0	500.0	1,200.0	500.0	1,200.0	500.0	1,200.0	-	700.0	7,700.0
Wastewater Projects	26	210.0	150.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	550.0	5,100.0
Stormwater Projects	27	775.0	725.0	3,050.0	600.0	625.0	600.0	600.0	625.0	600.0	-	25.0	7,450.0
Parks, Recreation & Cultural Services	28	1,908.8	1,047.3	1,261.3	1,133.1	706.6	495.0	1,202.0	675.0	220.0	172.0	22.0	6,934.3
Facilities	31	2,420.0	1,374.6	2,693.8	1,570.0	926.7	685.0	560.0	544.0	2,250.0	500.0	500.0	11,604.1
Fleet	36	405.0	570.0	265.0	725.0	50.0	100.0	375.0	370.0	90.0	290.0	90.0	2,925.0
		12,347.9	13,406.3	19,471.0	9,229.5	10,831.9	5,944.2	10,537.0	12,872.8	10,847.6	6,784.0	12,012.5	111,936.8
Total including 2017													124,284.8
GROWTH and NEW PROJECTS													
Corporate Services	44	100.0	440.0	95.0	10.0	-	-	-	-	-	-	-	545.0
Fire & Emergency	45	6,015.0	10,655.0	-	-	-	-	-	-	-	-	-	10,655.0
I.E.S.	46	5,505.3	877.1	1,150.5	9,614.3	371.4	303.0	-	122.6	5,768.1	-	-	18,206.9
Parks, Recreation & Cultural Services	47	2,781.4	8,062.5	13,301.0	1,988.0	3,446.0	1,176.0	3,346.0	211.0	711.0	196.0	136.0	32,573.5
Facilities	49	1,160.0	4,865.0	46,350.0	1,885.0	-	-	-	-	-	-	-	53,100.0
Fleet	49	20.0	815.0	70.0	230.0	150.0	150.0	150.0	-	-	-	-	1,565.0
Planning & Building Services	50	75.0	1,370.0	780.0	-	-	-	-	-	-	-	-	2,150.0
		15,656.7	27,084.6	61,746.5	13,727.3	3,967.4	1,629.0	3,496.0	333.6	6,479.1	196.0	136.0	118,795.4
Total including 2017													134,452.1

TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027
SUMMARY OF ANNUAL CAPITAL SPEND REQUESTS - continued

		2017	→										10 YEAR
		(Approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	OUTLOOK
<u>STUDIES and OTHER PROJECTS</u>													
Corporate Services	53	-	-	110.0	-	-	30.0	-	80.0	30.0	-	-	250.0
Corporate Services	54	-	125.0	-	-	-	-	130.0	-	-	-	-	255.0
Planning & Building Services		35.0	100.0	-	80.0	90.0	-	-	100.0	80.0	-	100.0	550.0
I.E.S.	55	-	-	-	-	-	-	-	-	-	300.0	-	300.0
Parks, Recreation & Cultural Services	56	-	380.0	450.0	150.0	-	-	275.0	200.0	50.0	-	75.0	1,580.0
		35.0	605.0	560.0	230.0	90.0	30.0	405.0	380.0	160.0	300.0	175.0	2,935.0
												Total including 2017	2,970.0

TOTAL FUNDING REQUIREMENT

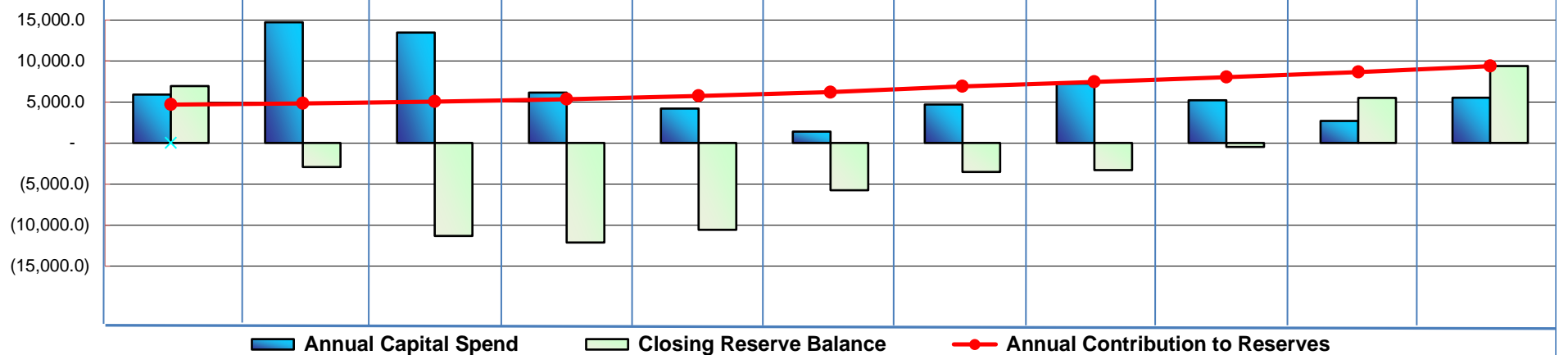
		<u>Share</u>											
Administration	0.1%	-	70.0	120.0	10.0	-	30.0	-	80.0	30.0	-	-	340.0
Financial Services	0.4%	-	225.0	600.0	-	-	-	130.0	-	-	-	-	955.0
Corporate Services	1.8%	681.8	1,267.3	481.9	461.3	513.9	315.5	207.5	284.1	227.6	111.8	300.2	4,171.0
Fire & Emergency	4.6%	6,015.0	10,655.0	-	-	-	-	-	-	-	-	-	10,655.0
Planning & Building Services	1.0%	75.0	1,370.0	780.0	-	-	-	-	-	-	300.0	-	2,450.0
Total I.E.S.	45.5%	12,572.7	10,774.3	15,854.4	15,184.4	9,096.1	4,651.7	8,467.5	11,422.3	13,958.1	5,710.2	11,275.3	106,394.4
Parks, Recreation & Cultural Services	16.9%	4,690.2	9,109.8	14,562.3	3,121.1	4,152.6	1,671.0	4,548.0	886.0	931.0	368.0	158.0	39,507.8
Facilities	27.7%	3,580.0	6,239.6	49,043.8	3,455.0	926.7	685.0	560.0	544.0	2,250.0	500.0	500.0	64,704.1
Fleet	1.9%	425.0	1,385.0	335.0	955.0	200.0	250.0	525.0	370.0	90.0	290.0	90.0	4,490.0
		28,039.6	41,095.9	81,777.5	23,186.8	14,889.2	7,603.2	14,438.0	13,586.3	17,486.8	7,280.0	12,323.5	233,667.2
												Total including 2017	261,706.8

TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027
SOURCES OF FUNDING

Total Capital Needs:	Base											10 YEAR
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	OUTLOOK
	(approved)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	
Repair & Replacement	12,347.9	13,406.3	19,471.0	9,229.5	10,831.9	5,944.2	10,537.0	12,872.8	10,847.6	6,784.0	12,012.5	111,936.8
Growth & New	15,656.7	27,084.6	61,746.5	13,727.3	3,967.4	1,629.0	3,496.0	333.6	6,479.1	196.0	136.0	118,795.4
Studies & Other	35.0	605.0	560.0	230.0	90.0	30.0	405.0	380.0	160.0	300.0	175.0	2,935.0
TOTAL CAPITAL NEEDS	28,039.6	41,095.9	81,777.5	23,186.8	14,889.2	7,603.2	14,438.0	13,586.3	17,486.8	7,280.0	12,323.5	233,667.2
												Total including 2017
												261,706.8
CONSOLIDATED FUNDING SOURCES:												
R & R Reserve - Tax	(4,755.9)	(6,948.7)	(7,382.3)	(4,123.0)	(3,989.0)	(1,246.1)	(4,287.5)	(6,994.1)	(4,945.8)	(2,605.6)	(5,291.3)	(47,813.4)
Growth & New Reserve	(1,106.5)	(7,222.8)	(5,912.8)	(1,784.4)	(110.9)	(106.3)	(63.0)	(60.3)	(98.0)	(48.0)	(48.0)	(15,454.4)
Studies & Other Reserve	(35.0)	(538.0)	(160.0)	(230.0)	(90.0)	(30.0)	(338.0)	(180.0)	(160.0)	(30.0)	(175.0)	(1,931.0)
Cash to Capital Sourced	(5,897.4)	(14,709.5)	(13,455.1)	(6,137.4)	(4,189.9)	(1,382.4)	(4,688.5)	(7,234.4)	(5,203.8)	(2,683.6)	(5,514.3)	(65,198.8)
R & R Reserve - Rates	(4,822.4)	(3,713.1)	(9,453.4)	(1,833.4)	(3,617.3)	(1,650.0)	(3,103.4)	(3,183.0)	(3,106.2)	(1,382.8)	(3,925.6)	(34,968.3)
Development Charges	(7,313.6)	(11,512.1)	(50,641.7)	(10,330.7)	(3,383.4)	(1,289.7)	(2,970.0)	(123.8)	(6,231.6)	(270.0)	-	(86,753.0)
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-
Special Purposes Reserves * (see below)	(3,323.6)	(2,315.4)	(6,474.7)	(1,852.7)	(2,004.0)	(1,586.5)	(1,981.5)	(1,350.5)	(1,250.5)	(1,249.0)	(1,189.0)	(21,254.2)
Federal / Provincial Grants	(3,013.4)	(1,694.6)	(1,752.5)	(3,032.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(18,341.6)
External Gov't Funding	(3,669.2)	(7,151.3)	-	-	-	-	-	-	-	-	-	(7,151.3)
Other External Funding	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	(28,039.6)	(41,095.9)	(81,777.5)	(23,186.8)	(14,889.2)	(7,603.2)	(14,438.0)	(13,586.3)	(17,486.8)	(7,280.0)	(12,323.5)	(233,667.2)
												Total including 2017
												261,706.8
* Special Purposes Reserves:												
Engineering Fees	-	-	(100.0)	-	-	-	-	(100.0)	-	-	-	(200.0)
Building Services	(75.0)	-	-	-	-	-	-	-	-	-	-	-
Cash in Lieu of Parkland	(2,144.0)	(498.5)	(1,352.0)	(416.7)	(563.0)	(150.5)	(780.5)	(49.5)	(49.5)	(48.0)	(48.0)	(3,956.2)
EAB Reserve	(60.0)	(1,100.0)	(4,100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(40.0)	(5,940.0)
Accessibility Committee	(810.0)	(235.0)	(235.0)	(235.0)	(240.0)	(235.0)	-	-	-	-	-	(1,180.0)
Council Discretionary Reserve	(234.6)	(481.9)	(687.7)	(1,101.0)	(1,101.0)	(1,101.0)	(1,101.0)	(1,101.0)	(1,101.0)	(1,101.0)	(1,101.0)	(9,978.0)
Landscape Fees	-	-	-	-	-	-	-	-	-	-	-	-

TEN YEAR CAPITAL INVESTMENT PLAN - 2017 to 2027
TAX FUNDED RESERVE BALANCE CONTINUITY / CASH FLOW

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Opening Reserve Balances:											
R & R Reserves - Tax	7,047.0	5,780.6	2,378.0	(1,263.6)	(1,420.8)	(1,146.6)	2,203.3	3,099.3	1,673.9	2,702.8	6,529.0
Growth & New Reserve	(82.1)	(93.5)	(6,093.4)	(10,765.2)	(11,254.8)	(9,966.5)	(8,552.9)	(6,968.3)	(5,231.1)	(3,373.6)	(1,298.9)
Studies & Other Reserve	1,178.0	1,247.4	781.6	694.5	540.0	529.4	584.2	335.1	248.4	187.5	263.7
Opening Reserve Balances	8,142.9	6,934.5	(2,933.7)	(11,334.3)	(12,135.6)	(10,583.7)	(5,765.4)	(3,533.9)	(3,308.8)	(483.2)	5,493.8
Reserve 'Revenue':											
+ Cash to Capital (Base)	4,359.7	4,602.8	4,818.4	5,136.1	5,470.2	5,871.8	6,529.1	6,973.2	7,498.6	8,051.1	8,632.1
+ % of Prior Tax Levy	243.1	215.6	317.7	334.1	401.6	422.3	444.1	525.4	552.5	581.0	678.9
Total from Operating Budget	4,602.8	4,818.4	5,136.1	5,470.2	5,871.8	6,294.1	6,973.2	7,498.6	8,051.1	8,632.1	9,311.0
Reserve Balance Interest	86.2	22.9	(81.6)	(134.2)	(129.9)	(93.5)	(53.2)	(39.1)	(21.7)	28.6	85.0
Total Revenue/Funding	4,689.0	4,841.3	5,054.5	5,336.0	5,741.9	6,200.6	6,920.0	7,459.5	8,029.4	8,660.7	9,396.0
Annual Capital Spend:											
R & R Reserve - Tax	4,755.9	6,948.7	7,382.3	4,123.0	3,989.0	1,246.1	4,287.5	6,994.1	4,945.8	2,605.6	5,291.3
Growth & New Reserve	1,106.5	7,222.8	5,912.8	1,784.4	110.9	106.3	63.0	60.3	98.0	48.0	48.0
Studies & Other Reserve	35.0	538.0	160.0	230.0	90.0	30.0	338.0	180.0	160.0	30.0	175.0
Annual Capital Spend	5,897.4	14,709.5	13,455.1	6,137.4	4,189.9	1,382.4	4,688.5	7,234.4	5,203.8	2,683.6	5,514.3
Closing Reserve Balances:											
R & R Reserve - Tax	5,780.6	2,378.0	(1,263.6)	(1,420.8)	(1,146.6)	2,203.3	3,099.3	1,673.9	2,702.8	6,529.0	8,202.8
Growth & New Reserve	(93.5)	(6,093.4)	(10,765.2)	(11,254.8)	(9,966.5)	(8,552.9)	(6,968.3)	(5,231.1)	(3,373.6)	(1,298.9)	969.6
Studies & Other Reserve	1,247.4	781.6	694.5	540.0	529.4	584.2	335.1	248.4	187.5	263.7	203.2
Closing Reserve Balance:	6,934.5	(2,933.7)	(11,334.3)	(12,135.6)	(10,583.7)	(5,765.4)	(3,533.9)	(3,308.8)	(483.2)	5,493.8	9,375.6



10 YEAR CAPITAL INVESTMENT PLAN

2017 Budget and 10 Year Outlook (2018 to 2027)

REPAIR & REPLACEMENT

2017 to 2027 = \$124,567,599

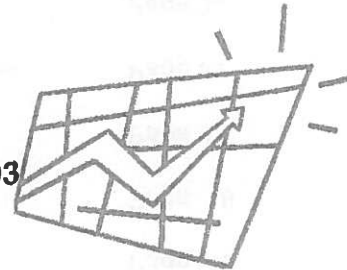
(see PAGE 13)



GROWTH & NEW

2017 to 2027 = \$134,452,093

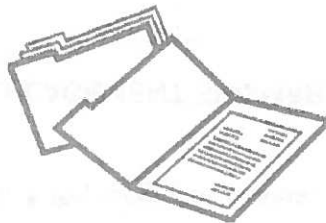
(see PAGE 38)



STUDIES & OTHER

2017 to 2027 = \$2,970,000

(see PAGE 50)



Total Investment Value for 2017 to 2027 = \$261,989,692

REPAIR & REPLACEMENT ASSETS

(Anticipated Spend of \$124,567,599 over 11 years)

Specific Repair & Replacement Assets are at the following pages:

REPAIR & REPLACEMENT SUMMARY	Page 14
CAO	Page 15
Financial Services	Page 16
Corporate Services	Page 17
Roads & Related	Page 18
Water / Sanitary / Storm	Page 27
Parks, Recreation & Cultural Services	Page 31
Facilities	Page 33
Fleet	Page 37





REPAIR AND REPLACEMENT INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS

	<u>2017</u> (Approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>10 YEAR OUTLOOK</u>
<u>TOTAL R & R INVESTMENTS</u>												
C.A.O.	-	70,000	10,000	10,000	-	-	-	-	-	-	-	90,000
Financial Services	-	100,000	600,000	-	-	-	-	-	-	-	-	700,000
Corporate Services	546,822	727,278	386,916	371,309	423,885	315,475	207,513	184,055	147,625	111,765	200,154	3,075,975
Roads & Related	4,522,362	8,042,201	9,353,948	3,770,133	6,349,709	2,698,717	5,842,488	9,424,713	5,790,022	5,160,246	9,925,319	66,357,496
Water Projects	1,560,000	600,000	1,300,000	500,000	1,200,000	500,000	1,200,000	500,000	1,200,000	-	700,000	7,700,000
Wastewater Projects	210,000	150,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,100,000
Stormwater Projects	775,000	725,000	3,050,000	600,000	625,000	600,000	600,000	625,000	600,000	-	25,000	7,450,000
Parks, Recreation & Cultural Services	1,908,750	1,047,250	1,261,300	1,133,100	706,600	495,000	1,202,000	675,000	220,000	172,000	22,000	6,934,250
Facilities	2,420,000	1,374,600	2,693,800	1,570,000	926,700	685,000	560,000	544,000	2,250,000	500,000	500,000	11,604,100
Fleet	405,000	570,000	265,000	725,000	50,000	100,000	375,000	370,000	90,000	290,000	90,000	2,925,000
Planning & Building Services	-	-	-	-	-	-	-	-	-	-	-	-
	<u>12,347,934</u>	<u>13,406,329</u>	<u>19,470,964</u>	<u>9,229,542</u>	<u>10,831,894</u>	<u>5,944,192</u>	<u>10,537,001</u>	<u>12,872,768</u>	<u>10,847,647</u>	<u>6,784,011</u>	<u>12,012,473</u>	<u>111,936,821</u>
										Total including 2017		<u>124,284,755</u>
<u>Funding Sources:</u>												
R&R - Tax Based	(4,755,885)	(6,914,718)	(7,382,252)	(4,122,996)	(3,988,979)	(1,246,080)	(4,253,462)	(6,994,144)	(4,945,827)	(2,605,634)	(5,291,288)	(47,745,380)
R&R - Water Rates	(2,080,900)	(1,051,160)	(2,567,399)	(510,238)	(1,744,597)	(500,000)	(1,200,000)	(1,514,731)	(1,858,231)	(504,998)	(2,344,288)	(13,795,642)
R&R - Sewer Rates	(382,845)	(520,457)	(1,749,856)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(6,670,313)
R&R -Storm Rates	(2,358,686)	(2,108,511)	(4,836,176)	(773,196)	(1,322,706)	(600,000)	(1,320,427)	(1,018,281)	(697,977)	(327,767)	(1,031,285)	(14,036,326)
Cash in Lieu - Parkland	(730,900)	(150,000)	(395,000)	(192,500)	(190,000)	(17,500)	(417,500)	-	-	-	-	(1,362,500)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	-	(1,180,000)
Federal Gas Tax	(1,569,100)	(1,694,566)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(16,868,635)
OCIF	(234,618)	(481,917)	(687,740)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(9,978,025)
Building Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New Reserves	-	(250,000)	-	(50,000)	-	-	-	-	-	-	-	(300,000)
Grants / Donations	-	-	-	-	-	-	-	-	-	-	-	-
	<u>(12,347,934)</u>	<u>(13,406,329)</u>	<u>(19,470,964)</u>	<u>(9,229,542)</u>	<u>(10,831,894)</u>	<u>(5,944,192)</u>	<u>(10,537,001)</u>	<u>(12,872,768)</u>	<u>(10,847,647)</u>	<u>(6,784,011)</u>	<u>(12,012,473)</u>	<u>(111,936,821)</u>

REPAIR & REPLACEMENT PROJECTS - OFFICE OF THE C.A.O.

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Repair & Replacement												
12037 Town of Aurora Website	-	70,000	10,000	10,000	-	-	-	-	-	-	-	90,000
	-	70,000	10,000	10,000	-	-	-	-	-	-	-	90,000
Funding Sources:												
R & R	-	(70,000)	(10,000)	(10,000)	-	-	-	-	-	-	-	(90,000)
	-	(70,000)	(10,000)	(10,000)	-	-	-	-	-	-	-	(90,000)

REPAIR & REPLACEMENT PROJECTS - FINANCIAL SERVICES

	<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
Financial Services												
14012 Financial System Upgrade	-	100,000	600,000	-	-	-	-	-	-	-	-	700,000
	-	100,000	600,000	-	-	-	-	-	-	-	-	700,000
Funding Sources:												
Information Technology	-	(100,000)	(600,000)	-	-	-	-	-	-	-	-	(700,000)
R & R Reserve	-	(100,000)	(600,000)	-	-	-	-	-	-	-	-	(700,000)

REPAIR & REPLACEMENT PROJECTS - CORPORATE SERVICES

	<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>	
Access Aurora													
12002	Accessibility Committee	125,000	175,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	-	-	1,000,000
Human Resources													
13018	Human Resources Information/Payroll System	-	250,000	-	50,000	-	-	-	-	-	-	-	300,000
IT Services													
14047	Computer & Related Infrastructure Renewal	151,900	172,278	176,916	111,309	213,885	215,475	107,513	84,055	47,625	111,765	200,154	1,592,875
14068	Wireless Upgrades and Enhancements	18,000	-	-	-	-	-	-	-	-	-	-	18,000
72238	Town Hall - Council Chambers A/V System Upgrades	251,922	-	-	-	-	-	-	-	-	-	-	251,922
14070	Boardroom Audio/Video Equipment	-	130,000	110,000	110,000	110,000	-	-	-	-	-	-	460,000
		546,822	727,278	386,916	371,309	423,885	315,475	207,513	184,055	147,625	111,765	200,154	3,622,797
Funding Sources:													
	Information Technology	169,900	237,278	231,916	166,309	268,885	215,475	107,513	84,055	47,625	111,765	200,154	1,840,875
	Special R & R	125,000	175,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	-	-	1,000,000
	Facilities R & R	251,922	65,000	55,000	55,000	55,000	-	-	-	-	-	-	481,922
	R & R Reserve	(546,822)	(477,278)	(386,916)	(321,309)	(423,885)	(315,475)	(207,513)	(184,055)	(147,625)	(111,765)	(200,154)	(3,322,797)
	Growth & New	-	250,000	-	50,000	-	-	-	-	-	-	-	300,000
		-	(250,000)	-	(50,000)	-	-	-	-	-	-	-	(300,000)

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>	
		<u>(Approved)</u>												
31054	M & O - Ind Pkwy S (Engelhard - Yonge St, Vandorf (Ind Pkwy S - Bayview Ave)	Road Const'n	-	-	-	961,008	-	-	-	-	-	-	961,008	
		Water Service	-	-	-	-	-	-	-	-	-	-	-	
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	
		TOTAL	-	-	-	961,008	-	-	-	-	-	-	-	961,008
31091	Recon - Vandorf Sdrd - Bayview to Carisbrooke Ave	Road Const'n	-	-	-	27,462	274,615	-	-	-	-	-	302,077	
		Water Service	-	-	-	-	-	-	-	-	-	-	-	
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	
		TOTAL	-	-	-	27,462	274,615	-	-	-	-	-	-	302,077
31107	Recon - Brookland - Yonge to Banbury	Road Const'n	816,600	-	-	-	-	-	-	-	-	-	816,600	
		Water Service	115,000	-	-	-	-	-	-	-	-	-	115,000	
		Sanitary Sewer	150,000	-	-	-	-	-	-	-	-	-	150,000	
		Storm Sewer	735,000	-	-	-	-	-	-	-	-	-	735,000	
		FGT	816,600	-	-	-	-	-	-	-	-	-	816,600	
		TOTAL	1,816,600	-	-	-	-	-	-	-	-	-	-	2,633,200
31108	Recon - Algonquin and Haida	Road Const'n	752,500	-	-	-	-	-	-	-	-	-	752,500	
		Water Service	405,900	-	-	-	-	-	-	-	-	-	405,900	
		Sanitary Sewer	13,100	-	-	-	-	-	-	-	-	-	13,100	
		Storm Sewer	500,100	-	-	-	-	-	-	-	-	-	500,100	
		TOTAL	1,671,600	-	-	-	-	-	-	-	-	-	-	2,424,100
31109	Recon - Kennedy St W & Temperance St	Road Const'n	-	-	-	-	-	-	-	-	-	-	-	
		Water Service	-	344,170	-	-	-	-	-	-	-	-	-	344,170
		Sanitary Sewer	-	276,312	-	-	-	-	-	-	-	-	-	276,312
		Storm Sewer	-	182,900	-	-	-	-	-	-	-	-	-	182,900
		TOTAL	-	1,439,082	-	-	-	-	-	-	-	-	-	1,439,082
31113	Full Depth Asphalt - Murray & Pinehurst, M & O - Murray Dr, Kennedy St W	Road Const'n	-	994,626	-	-	-	-	-	-	-	-	994,626	
		Water Service	-	-	-	-	-	-	-	-	-	-	-	
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	
		Storm Sewer	-	494,550	-	-	-	-	-	-	-	-	-	494,550
		TOTAL	-	2,232,291	-	-	-	-	-	-	-	-	-	2,232,291

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
31114	Recon - Ransom Crt and Ransom St	Road Const'n	-	-	-	-	-	-	-	-	-	-	-
		Water Service	-	106,990	-	-	-	-	-	-	-	-	106,990
		Sanitary Sewer	-	84,400	-	-	-	-	-	-	-	-	84,400
		Storm Sewer	-	110,200	-	-	-	-	-	-	-	-	110,200
		FGT	-	315,751	-	-	-	-	-	-	-	-	301,590
	TOTAL	-	617,341	-	-	-	-	-	-	-	-	-	301,590
31116	M & O - Dunning Ave, Edward St, Golf Links Dr, Industrial Pkwy S, McClellan Way, Orchard Hts	Road Const'n	-	-	2,776,796	-	-	-	-	-	-	-	2,776,796
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	506,914	-	-	-	-	-	-	-	506,914
		TOTAL	-	-	3,283,710	-	-	-	-	-	-	-	-
31118	Recon - Browning Crt, Johnson Rd, Holman Cres, Baldwin	Road Const'n	-	180,000	1,065,505	-	-	-	-	-	-	-	1,245,505
		Water Service	-	-	757,608	-	-	-	-	-	-	-	757,608
		Sanitary Sewer	-	-	634,069	-	-	-	-	-	-	-	634,069
		Storm Sewer	-	-	819,673	-	-	-	-	-	-	-	819,673
		TOTAL	-	180,000	3,276,855	-	-	-	-	-	-	-	-
31119	Recon - Adair Dr, Bailey Cres, Davidson Rd	Road Const'n	-	140,000	760,528	-	-	-	-	-	-	-	900,528
		Water Service	-	-	501,041	-	-	-	-	-	-	-	501,041
		Sanitary Sewer	-	-	535,487	-	-	-	-	-	-	-	535,487
		Storm Sewer	-	-	427,952	-	-	-	-	-	-	-	427,952
		TOTAL	-	140,000	2,225,008	-	-	-	-	-	-	-	-
31120	Recon - Aurora Hts Dr - Delayne to Bathurst St	Road Const'n	-	-	-	195,102	2,167,792	-	-	-	-	-	2,362,894
		Water Service	-	-	-	-	225,662	-	-	-	-	-	225,662
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	45,317	-	-	-	-	-	45,317
		TOTAL	-	-	-	195,102	2,438,771	-	-	-	-	-	-
31121	Recon - Crawford Rose Dr & Meadowood Dr	Road Const'n	-	-	-	-	-	-	183,577	1,568,104	-	-	1,751,681
		Water Service	-	-	-	-	-	-	-	267,670	-	-	267,670
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	-	-	183,577	1,835,774	-	-
31122	Recon - Centre St - Yonge - Spruce	Road Const'n	-	-	447,188	-	-	-	-	-	-	-	447,188
		Water Service	-	-	8,750	-	-	-	-	-	-	-	8,750
		Sanitary Sewer	-	-	30,300	-	-	-	-	-	-	-	30,300
		Storm Sewer	-	-	31,637	-	-	-	-	-	-	-	31,637
		TOTAL	-	-	517,875	-	-	-	-	-	-	-	-

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
		(Approved)											
31124	M & O - Henderson Dr	Road Const'n	-	-	-	939,224	-	-	-	-	-	-	939,224
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	939,224	-	-	-	-	-	-	939,224
31125	Recon - Timpson Dr., Dinsmore Terr. Trillium Dr., Windham Tr	Road Const'n	-	-	-	-	-	299,598	2,810,566	-	-	-	3,110,164
		Water Service	-	-	-	-	-	-	356,723	-	-	-	356,723
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	106,518	-	-	-	106,518
		TOTAL	-	-	-	-	-	299,598	3,273,807	-	-	-	3,573,405
31126	Full Depth Asphalt - Harriman Rd, M & O - Harmon Ave., Orchard Hts., Whispering Pine	Road Const'n	-	766,835	-	-	-	-	-	-	-	-	766,835
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	247,275	-	-	-	-	-	-	-	-	247,275
		TOTAL	-	1,014,110	-	-	-	-	-	-	-	-	1,014,110
31127	M & O Allenvale Dr. Haida Dr., Kennedy St W., Mill St Sisman Ave., Treegrove Cir. McKinley Cr	Road Const'n	-	-	-	-	-	1,267,322	-	-	-	-	1,267,322
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	1,267,322	-	-	-	-	1,267,322
31128	M & O - Conover Ave., Walton Dr., Whispering Pine Tr., Clubine Cr., Willow Farm Lane	Road Const'n	-	-	-	-	807,702	-	-	-	-	-	807,702
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	807,702	-	-	-	-	-	807,702
31129	M & O - conover Ave., Hollandview Tr., Hollidge Blvd., McMaster Ave	Road Const'n	-	-	-	-	1,223,956	-	-	-	-	-	1,223,956
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	1,223,956	-	-	-	-	-	1,223,956

continued.....

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
31130	M & O - Edward St., Gurnett St., Kennedy St E., Seaton Dr. Tisdale Cr., Stone Rd.,	Road Const'n	-	-	-	59,271	1,297,455	-	-	-	-	-	1,356,726
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	451,511	-	-	-	-	-	451,511
		TOTAL	-	-	-	59,271	1,748,966	-	-	-	-	-	1,808,237
31131	M & O - Cousins Dr., Fairway Dr., Eldon Cres., Highland Gate, Kennedy St E., Mary St., Industry St., Richardson Dr., Lee Gate, Temperance St.	Road Const'n	-	-	-	-	-	1,337,480	-	-	-	-	1,337,480
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	93,256	-	-	-	-	93,256
		TOTAL	-	-	-	-	-	1,430,736	-	-	-	-	1,430,736
31132	M & O - Earl Stewart Dr., Gateway Dr., Pedersen Dr., Spring Farm Rd., Walton Dr	Road Const'n	-	-	-	-	-	1,152,341	-	-	-	-	1,152,341
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	1,152,341	-	-	-	-	1,152,341
31133	Recon - Vandorf Sdrd	Road Const'n	-	-	-	-	207,439	1,965,820	-	-	-	-	2,173,259
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	627,171	-	-	-	-	627,171
		TOTAL	-	-	-	-	207,439	2,592,991	-	-	-	-	2,800,430
31134	M & O - Victoria St. (Wellington - Harrison), Yonge St (Golf Links - Orchard Hts.)	Road Const'n	-	1,235,988	-	-	-	-	-	-	-	-	1,235,988
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	9,745	-	-	-	-	-	-	-	-	9,745
		Storm Sewer	-	348,586	-	-	-	-	-	-	-	-	348,586
		TOTAL	-	1,594,319	-	-	-	-	-	-	-	-	1,594,319
31135	M & O - Aurora Hts. Dr., Laurentide Ave., Tecumseh Dr.	Road Const'n	-	-	-	-	-	-	592,595	-	-	-	592,595
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	95,588	-	-	-	95,588
		TOTAL	-	-	-	-	-	-	688,183	-	-	-	688,183
31136	Recon - Brookeview Dr., M & O - Spence Dr	Road Const'n	-	-	-	-	-	78,788	897,621	-	-	-	976,409
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	78,788	897,621	-	-	-	976,409

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
		<u>(Approved)</u>											
31137	M & O - Fouracre Way, Hartwell Way, Hollandview Tr., Mavrinac Blvd., Pedersen Dr	Road Const'n	-	-	-	-	-	-	1,528,345	-	-	-	1,528,345
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	-	1,528,345	-	-	-	1,528,345
31138	Recon - Kemano Rd., - Orchard Hts - Crawford Rose	Road Const'n	-	-	-	-	-	125,839	994,407	-	-	-	1,120,246
		Water Service	-	-	-	-	-	-	212,633	-	-	-	212,633
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	191,175	-	-	-	191,175
		TOTAL	-	-	-	-	-	-	125,839	1,398,215	-	-	1,524,054
31140	M & O - Archerhill Crt., Jarvis Ave., Gilbert Dr., Westview Dr., McClellan Way	Road Const'n	-	641,578	-	-	-	-	-	-	-	-	641,578
		Water Service	-	-	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	641,578	-	-	-	-	-	-	-	-	641,578
31145	M & O - Industrial Pkwy N., John West Way, Old Yonge St.	Road Const'n	-	-	-	1,307,463	-	-	-	-	-	-	1,307,463
		Water Service	-	-	-	10,238	-	-	-	-	-	-	10,238
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	173,196	-	-	-	-	-	-	173,196
		TOTAL	-	-	-	1,490,897	-	-	-	-	-	-	1,490,897
31149	Recon - Dodie St and George St	Road Const'n	-	-	-	97,169	559,842	-	-	-	-	-	657,011
		Water Service	-	-	-	-	318,935	-	-	-	-	-	318,935
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	200,878	-	-	-	-	-	200,878
		TOTAL	-	-	-	97,169	1,079,655	-	-	-	-	-	1,176,824
31157	Recon - Mosley St - Yonge St - Berczy St	Road Const'n	-	-	-	-	-	111,695	795,682	-	-	-	907,377
		Water Service	-	-	-	-	-	-	445,375	-	-	-	445,375
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	-	-	-	-
		TOTAL	-	-	-	-	-	-	111,695	1,241,057	-	-	1,352,752
31158	Recon - Gilbank Dr	Road Const'n	-	-	-	-	-	-	132,887	1,258,323	-	-	1,391,210
		Water Service	-	-	-	-	-	-	-	120,227	-	-	120,227
		Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-
		Storm Sewer	-	-	-	-	-	-	-	97,977	-	-	97,977
		TOTAL	-	-	-	-	-	-	132,887	1,476,527	-	-	1,609,414

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
31159	M & O - Bilbrough St. Birkshire Dr.	-	-	-	-	-	-	-	-	1,305,108	-	-	1,305,108
	Centre St. Kirkvalley Cres., Knole Hven	-	-	-	-	-	-	-	-	-	-	-	-
	Dr. Mark St., Raiford St., River Ridge	-	-	-	-	-	-	-	-	-	-	-	-
	Bld., Wells St. N	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	1,305,108	-	-	1,305,108
31160	Recon - Larmont St., M & O - Metcalfe	-	-	-	-	-	-	-	81,021	713,336	-	-	794,357
	St., Church St.	-	-	-	-	-	-	-	-	270,334	-	-	270,334
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	81,021	983,670	-	-	1,064,691
31161	M & O - Billingham Hts., Mavrinac	-	-	-	-	-	-	-	-	-	1,112,760	-	1,112,760
	Bld., Milloy Place, Hawtin Lane,	-	-	-	-	-	-	-	-	-	-	-	-
	Moorcrest Dr., Royal Rd.	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	1,112,760	-	1,112,760
31162	M & O - Buttonwood Tr., Child Dr.,	-	-	-	-	-	-	-	-	-	1,348,345	-	1,348,345
	Baldwin Rd., Corner Ridge Rd., Jasper	-	-	-	-	-	-	-	-	-	-	-	-
	Dr., Tyler St., Woodland Hills Blvd	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	100,427	-	100,427
	TOTAL	-	-	-	-	-	-	-	-	-	1,448,772	-	1,448,772
31163	Recon - Brookland - Banbury Crt - End	-	-	-	-	-	-	-	-	94,323	370,008	-	464,331
		-	-	-	-	-	-	-	-	-	446,312	-	446,312
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	126,913	-	126,913
	TOTAL	-	-	-	-	-	-	-	-	94,323	943,233	-	1,037,556
31164	Recon - McLeod Dr	-	-	-	-	-	-	-	-	94,620	787,088	-	881,708
		-	-	-	-	-	-	-	-	-	58,686	-	58,686
		-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	100,427	-	100,427
	TOTAL	-	-	-	-	-	-	-	-	94,620	946,201	-	1,040,821
31165	M & O - Babcock Blvd., Elderberry Tr.,	-	-	-	-	-	-	-	-	-	-	646,752	646,752
	Little Erika Way, Willis Dr., Wardle	-	-	-	-	-	-	-	-	-	-	-	-
	Gate	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	-	646,752	646,752

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
31166	Recon - Banff Dr., M & O - Kemano Rd												
	Road	-	-	-	-	-	-	-	-	-	49,677	724,727	774,404
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	49,677	724,727	774,404
31167	Recon - Bridgenorth Dr., Earl Stewart Dr., Marshview Ave.												
	Road	-	-	-	-	-	-	-	-	-	186,004	1,961,069	2,147,073
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	186,004	1,961,069	2,147,073
31168	Recon - Wells St												
	Road	-	-	-	-	-	-	-	-	-	159,472	1,102,305	1,261,777
	Water Service	-	-	-	-	-	-	-	-	-	-	666,556	666,556
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	3,046	3,046
	TOTAL	-	-	-	-	-	-	-	-	-	159,472	1,771,907	1,931,379
31169	Recon - Devlin Place												
	Road	-	-	-	-	-	-	-	-	-	170,129	509,209	679,338
	Water Service	-	-	-	-	-	-	-	-	-	-	422,730	422,730
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	958,382	958,382
	TOTAL	-	-	-	-	-	-	-	-	-	170,129	1,890,321	2,060,450
31170	Recon - Cameron Ave., M & O - Cannaught Ave., Harrison Ave., Milcliff Cir., Alder Gr., Chapman Crt., Ostick St., Spruce St												
	Road	-	-	-	-	-	-	-	-	-	46,784	992,581	1,039,365
	Water Service	-	-	-	-	-	-	-	-	-	-	169,112	169,112
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	46,784	1,161,693	1,208,477
31171	Recon - Lensmith Dr												
	Road	-	-	-	-	-	-	-	-	-	97,214	649,413	746,627
	Water Service	-	-	-	-	-	-	-	-	-	-	385,890	385,890
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	44,857	44,857
	TOTAL	-	-	-	-	-	-	-	-	-	97,214	1,080,160	1,177,374
31172	Recon - Closs Sq., Devins Dr., Downey Cir., Trent St., Ballymore Dr., Fife Rd., Timberline Tr.												
	Road Const'n	-	-	-	-	-	-	-	-	-	-	688,690	688,690
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	-	-	-	-	-	-	-	-	688,690	688,690

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
<u>SIDEWALK & BOULEVARD</u>													
34611	S/W - Henderson Dr - Tamarac Tr - Poplar Cres	410,000	-	-	-	-	-	-	-	-	-	-	410,000
34613	S/W - St John's - Gateway to Industrial Pkwy	25,000	183,480	-	-	-	-	-	-	-	-	-	208,480
	TOTAL SIDEWALK & BOULEVARD	435,000	183,480	-	-	-	-	-	-	-	-	-	618,480
<u>OTHER</u>													
31155	Pavement Condition Assessment	-	-	50,500	-	-	-	-	-	-	-	-	50,500
31156	Pavement Condition Assessment	-	-	-	-	-	-	50,500	-	-	-	-	50,500
31153	Maximo Upgrade to 7.6	75,000	-	-	-	-	-	-	-	-	-	-	75,000
	TOTAL OTHER	75,000	-	50,500	-	-	-	50,500	-	-	-	-	176,000
<u>TOTAL ROAD RECONSTRUCTION</u>													
	Road Const'n	1,734,931	5,653,593	5,100,517	3,586,699	5,107,406	2,698,717	5,122,061	8,016,701	5,033,814	4,327,481	7,274,746	53,656,666
	Water Service	520,900	451,160	1,267,399	10,238	544,597	-	-	1,014,731	658,231	504,998	1,644,288	6,616,542
	Sanitary Sewer	172,845	370,457	1,199,856	-	-	-	-	-	-	-	-	1,743,158
	Storm Sewer	1,583,686	1,383,511	1,786,176	173,196	697,706	-	720,427	393,281	97,977	327,767	1,006,285	8,170,012
	TOTAL	4,012,362	7,858,721	9,353,948	3,770,133	6,349,709	2,698,717	5,842,488	9,424,713	5,790,022	5,160,246	9,925,319	70,186,378
<u>TOTAL ROADS & RELATED</u>													
	Road Const'n	2,244,931	5,837,073	5,100,517	3,586,699	5,107,406	2,698,717	5,122,061	8,016,701	5,033,814	4,327,481	7,274,746	54,350,146
	Water Service	520,900	451,160	1,267,399	10,238	544,597	-	-	1,014,731	658,231	504,998	1,644,288	6,616,542
	Sanitary Sewer	172,845	370,457	1,199,856	-	-	-	-	-	-	-	-	1,743,158
	Storm Sewer	1,583,686	1,383,511	1,786,176	173,196	697,706	-	720,427	393,281	97,977	327,767	1,006,285	8,170,012
	TOTAL	4,522,362	8,042,201	9,353,948	3,770,133	6,349,709	2,698,717	5,842,488	9,424,713	5,790,022	5,160,246	9,925,319	70,879,858

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

TOTAL ROADS & RELATED FUNDING SOURCES:

Federal Gas Tax:

Recon Proj (31107)	Reconstruction	(816,600)	-	-	-	-	-	-	-	-	-	-	(816,600)
Recon Proj (31108)	Reconstruction	(752,500)	-	-	-	-	-	-	-	-	-	-	(752,500)
Recon Proj (31109)	Reconstruction	-	(635,700)	-	-	-	-	-	-	-	-	-	(635,700)
Recon Proj (31113)	Reconstruction	-	(743,115)	-	-	-	-	-	-	-	-	-	(743,115)
Recon Proj (31114)	Reconstruction	-	(315,751)	-	-	-	-	-	-	-	-	-	(315,751)
Unallocated Other		-	-	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(15,174,069)
Total Federal Gas Tax		(1,569,100)	(1,694,566)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(18,437,735)
OCIF		(234,618)	(481,917)	(687,740)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(10,212,643)
Other		-	-	-	-	-	-	-	-	-	-	-	-
Water R & R Reserve		(520,900)	(451,160)	(1,267,399)	(10,238)	(544,597)	-	-	(1,014,731)	(658,231)	(504,998)	(1,644,288)	(6,616,542)
Waste Water R & R Reserve		(172,845)	(370,457)	(1,199,856)	-	-	-	-	-	-	-	-	(1,743,158)
Storm Water R & R Reserve		(1,583,686)	(1,383,511)	(1,786,176)	(173,196)	(697,706)	-	(720,427)	(393,281)	(97,977)	(327,767)	(1,006,285)	(8,170,012)
NET Roads R & R Reserve		(441,213)	(3,660,590)	(2,795,236)	(791,087)	(2,311,794)	96,895	(2,326,449)	(5,221,089)	(2,238,202)	(1,531,869)	(4,479,134)	(25,699,768)
		(4,522,362)	(8,042,201)	(9,353,948)	(3,770,133)	(6,349,709)	(2,698,717)	(5,842,488)	(9,424,713)	(5,790,022)	(5,160,246)	(9,925,319)	(70,879,858)

REPAIR & REPLACEMENT PROJECTS - WATER SPECIFIC PROJECTS

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
		<u>(Approved)</u>											
43038	Water Meter Replacement Program	300,000	600,000	600,000	500,000	500,000	500,000	500,000	500,000	500,000	-	-	4,500,000
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	300,000	600,000	600,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	-	-
43044	Bulk Meter Installation	200,000	-	-	-	-	-	-	-	-	-	-	200,000
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	200,000	-	-	-	-	-	-	-	-	-	-	-
43054	Structural Watermain Relining Program	1,000,000	-	700,000	-	700,000	-	700,000	-	700,000	-	700,000	4,500,000
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	1,000,000	-	700,000	-	700,000	-	700,000	-	700,000	-	700,000	4,500,000
43058	Bulk Water Station	60,000	-	-	-	-	-	-	-	-	-	-	60,000
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	60,000	-	-	-	-	-	-	-	-	-	-	60,000
TOTAL WATER SPECIFIC PROJECTS													
	Water Service	1,560,000	600,000	1,300,000	500,000	1,200,000	500,000	1,200,000	500,000	1,200,000	-	700,000	9,260,000
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	1,560,000	600,000	1,300,000	500,000	1,200,000	500,000	1,200,000	500,000	1,200,000	-	700,000	9,260,000

REPAIR & REPLACEMENT PROJECTS - WASTEWATER SPECIFIC PROJECTS

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
41009	3 Phase Electrical Power												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	60,000	-	-	-	-	-	-	-	-	-	-	60,000
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	60,000	-	-	-	-	-	-	-	-	-	-	60,000
41011	Sanitary Sewer CCTV Inspect												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,650,000
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,650,000
42060	Sanitary Inflow & Infiltration												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,600,000
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	-	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,600,000
TOTAL WASTEWATER SPECIFIC PROJECTS													
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	210,000	150,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,310,000
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	210,000	150,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,310,000

REPAIR & REPLACEMENT PROJECTS - STORM WATER SPECIFIC PROJECTS

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
42054	Culvert Maintenance												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	520,000	-	-	-	-	-	-	-	-	-	520,000
	TOTAL	-	520,000	-	-	-	-	-	-	-	-	-	520,000
42056	Lake Simcoe Protection Plan												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	600,000	600,000	600,000	600,000	600,000	600,000	600,000	-	-	4,200,000
	TOTAL	-	-	600,000	600,000	600,000	600,000	600,000	600,000	600,000	-	-	4,200,000
42062	Flood Study for Tannery Creek												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	75,000	-	500,000	-	-	-	-	-	-	-	-	575,000
	TOTAL	75,000	-	500,000	-	-	-	-	-	-	-	-	575,000
42064	Storm Sewer Outlet Cleanup												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	50,000	-	300,000	-	-	-	-	-	-	-	-	350,000
	TOTAL	50,000	-	300,000	-	-	-	-	-	-	-	-	350,000
42065	Oversized Storm Pipe Assessment and Clean Up												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	500,000	-	-	-	-	-	-	-	-	-	-	500,000
	TOTAL	500,000	-	-	-	-	-	-	-	-	-	-	500,000
42066	Damaged Storm Pipe Off Henderson Dr												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	150,000	-	1,500,000	-	-	-	-	-	-	-	-	1,650,000
	TOTAL	150,000	-	1,500,000	-	-	-	-	-	-	-	-	1,650,000
42067	Storm Outfall Erosion at Mill Street												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	50,000	150,000	-	-	-	-	-	-	-	-	200,000
	TOTAL	-	50,000	150,000	-	-	-	-	-	-	-	-	200,000

REPAIR & REPLACEMENT PROJECTS - STORM WATER SPECIFIC PROJECTS

		<u>2017</u> <u>(Approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
42068	Bridge Assessment - 2018												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	25,000	-	-	-	-	-	-	-	-	-	25,000
	TOTAL	-	25,000	-	-	-	-	-	-	-	-	-	25,000
42069	Bridge Assessment - 2021												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	25,000	-	-	-	-	-	-	25,000
	TOTAL	-	-	-	-	25,000	-	-	-	-	-	-	25,000
42070	Bridge Assessment - 2024												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	25,000	-	-	-	25,000
	TOTAL	-	-	-	-	-	-	-	25,000	-	-	-	25,000
42071	Bridge Assessment - 2027												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	-	-	-	-	-	-	-	-	-	25,000	25,000
	TOTAL	-	-	-	-	-	-	-	-	-	-	25,000	25,000
42072	Vandorf Sdrd Culvert and Ditch Repair												
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	-	130,000	-	-	-	-	-	-	-	-	-	130,000
	TOTAL	-	130,000	-	-	-	-	-	-	-	-	-	130,000
TOTAL STORM WATER SPECIFIC PROJECTS													
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
	Storm Sewer	775,000	725,000	3,050,000	600,000	625,000	600,000	600,000	625,000	600,000	-	25,000	8,225,000
	TOTAL	775,000	725,000	3,050,000	600,000	625,000	600,000	600,000	625,000	600,000	-	25,000	8,225,000
TOTAL WATER & SEWER RELATED													
	Water Service	1,560,000	600,000	1,300,000	500,000	1,200,000	500,000	1,200,000	500,000	1,200,000	-	700,000	9,260,000
	Sanitary Sewer	210,000	150,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	5,310,000
	Storm Sewer	775,000	725,000	3,050,000	600,000	625,000	600,000	600,000	625,000	600,000	-	25,000	8,225,000
	TOTAL	2,545,000	1,475,000	4,900,000	1,650,000	2,375,000	1,650,000	2,350,000	1,675,000	2,350,000	550,000	1,275,000	22,795,000

REPAIR & REPLACEMENT PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
		(approved)											
73189	Artificial Turf Repair - Soccer goal areas	-	-	35,000	35,000	35,000	35,000	-	-	-	-	-	140,000
73190	Town Park - Bandshell/Washroom Roof & Paint	30,000	-	-	-	-	-	-	-	-	-	-	30,000
73191	Basketball Court Resurfacing	-	-	50,000	-	-	-	-	-	-	-	-	50,000
73192	Boardwalk Resurface	-	-	-	-	-	-	75,000	-	-	-	-	75,000
73175	Walkway Lights - Graham Parkette	-	-	-	40,000	-	-	-	-	-	-	-	40,000
73196	Fleury Park Gazebo	-	-	-	-	-	-	35,000	-	-	-	-	35,000
73198	Field Renovation - Norm Weller Park	-	350,000	-	-	-	-	-	-	-	-	-	350,000
73201	Field Drainage - Diamonds/Soccer - L Wilson Park	-	-	80,000	-	-	-	-	-	-	-	-	80,000
73203	James Lloyd Park Shelter-Replace/Repair	-	-	-	-	-	-	32,000	-	-	-	-	32,000
73204	L Willson Park - Gazebo	-	-	-	-	-	-	70,000	-	-	-	-	70,000
73206	Playground - E Hadar Park	-	-	-	100,000	-	-	-	-	-	-	-	100,000
73207	Playground -Wm Kennedy Park	-	-	125,000	-	-	-	-	-	-	-	-	125,000
73209	Playground - Lundy Park	75,000	-	-	-	-	-	-	-	-	-	-	75,000
73210	Playground - Wilson Park	-	-	100,000	-	-	-	-	-	-	-	-	100,000
73211	Playground - Hamilton Park	-	100,000	-	-	-	-	-	-	-	-	-	100,000
73212	Playground - Taylor Park	-	-	175,000	-	-	-	-	-	-	-	-	175,000
73213	Playground - Harman Park	-	-	150,000	-	-	-	-	-	-	-	-	150,000
73214	Playground - Tamarac Park	-	-	85,000	-	-	-	-	-	-	-	-	85,000
73215	Playground - L Willson Park	-	-	120,000	-	-	-	-	-	-	-	-	120,000
73216	Playground - Copland Park	-	200,000	-	-	-	-	-	-	-	-	-	200,000
73217	Playground - Summit Park	-	-	-	125,000	-	-	-	-	-	-	-	125,000
73218	Playground - Tom's Park	-	-	-	125,000	-	-	-	-	-	-	-	125,000
73219	Playground - Evans Park	-	-	-	-	100,000	-	-	-	-	-	-	100,000
73220	Playground - Atkinson Park	-	-	-	-	125,000	-	-	-	-	-	-	125,000
73221	Playground - Chapman Park	-	-	-	-	120,000	-	-	-	-	-	-	120,000
73222	Playground - Town Park	-	-	-	-	-	-	200,000	-	-	-	-	200,000
73154	Playground Surface Restoration Various Parks	10,600	10,900	11,300	11,600	11,600	20,000	20,000	20,000	20,000	22,000	22,000	180,000
73263	Playground/Boardwalk - Brentwood Park	-	-	-	-	-	-	-	200,000	-	-	-	200,000
73264	Playground & Pathway - Optimist Park	-	-	-	-	-	-	-	200,000	-	-	-	200,000
73265	Playground & Pathway - Thompson Park	-	-	-	-	-	-	-	180,000	-	-	-	180,000
73223	Artificial Turf - Sheppards Bush	1,386,800	-	-	-	-	-	-	-	-	-	-	1,386,800

continued.....

REPAIR & REPLACEMENT PROJECTS - PARKS, RECREATION & CULTURAL SERVICES - continued

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
73224 Artificial Turf - St Max	-	-	-	-	-	-	600,000	-	-	-	-	600,000
73309 Playground Replacement - Hickson Park	-	-	-	-	-	-	-	-	125,000	-	-	125,000
73306 Sheppard's Bush Pavillion	-	-	-	-	-	-	-	-	50,000	-	-	50,000
73226 Splash Pad - Town Park	-	-	-	-	-	40,000	-	-	-	-	-	40,000
73227 Tennis Court - N Weller Park	20,000	-	-	-	-	-	20,000	-	-	-	-	40,000
73303 Tennis Court - Fleury Park	-	-	-	-	-	40,000	-	-	-	-	-	40,000
73304 Tennis Court - Summit Park	-	-	-	-	-	20,000	-	-	-	-	-	20,000
73305 Tennis Court - McMahon Park	-	-	-	-	-	75,000	-	-	-	-	-	75,000
73231 Tennis Court - David English Park	-	-	20,000	-	-	-	-	-	25,000	-	-	45,000
73232 Trail/Playground - Jack Wood Park	-	-	-	100,000	-	-	-	-	-	-	-	100,000
73307 Playground Replacement - Timbers Park	-	-	-	-	-	-	-	75,000	-	-	-	75,000
73236 Walkway Repave - Wilson Park	-	-	50,000	-	-	-	-	-	-	-	-	50,000
73237 Walkway Repave - Summit Park	-	-	-	75,000	-	-	-	-	-	-	-	75,000
73238 Walkway Repave - Tom's Park	-	-	-	75,000	-	-	-	-	-	-	-	75,000
73239 Walkway Repave - Atkinson Park	-	-	-	-	75,000	-	-	-	-	-	-	75,000
73240 Walkway/Basketball Repave - Tamarac Park	-	-	-	30,000	-	-	-	-	-	-	-	30,000
73241 Walkway/Basketball Repaving - Wm Kennedy Park	-	-	25,000	-	-	-	-	-	-	-	-	25,000
73310 Playground Replacement - Fleury Park	-	-	-	-	-	-	-	-	-	150,000	-	150,000
73242 Washroom - Fleury Park *	-	-	-	-	-	30,000	-	-	-	-	-	30,000
73134 Parks/Trails Signage Strategy Study & Implementation	96,350	96,350	-	-	-	-	-	-	-	-	-	192,700
73160 Emerald Ash Borer Mgmt Prog	235,000	235,000	235,000	235,000	240,000	235,000	-	-	-	-	-	1,415,000
73302 22 Church St - Landscaping	-	30,000	-	-	-	-	-	-	-	-	-	30,000
73277 Willow Farm Trail Improvements*	-	-	-	181,500	-	-	-	-	-	-	-	181,500
73308 Playground Replacement - Confederation Park	-	-	-	-	-	-	150,000	-	-	-	-	150,000
73289 LED- Convert Pathway Lighting	30,000	-	-	-	-	-	-	-	-	-	-	30,000
73291 Traffic Circle Improvements in 2B	25,000	25,000	-	-	-	-	-	-	-	-	-	50,000
	1,908,750	1,047,250	1,261,300	1,133,100	706,600	495,000	1,202,000	675,000	220,000	172,000	22,000	8,843,000

Funding Sources:

R & R Infrastructure Reserves	(942,850)	(662,250)	(631,300)	(705,600)	(276,600)	(242,500)	(784,500)	(675,000)	(220,000)	(172,000)	(22,000)	(5,334,600)
Cash in Lieu of Parkland Reserve	(730,900)	(150,000)	(395,000)	(192,500)	(190,000)	(17,500)	(417,500)	-	-	-	-	(2,093,400)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	-	(1,415,000)
Donations	-	-	-	-	-	-	-	-	-	-	-	-
	(1,908,750)	(1,047,250)	(1,261,300)	(1,133,100)	(706,600)	(495,000)	(1,202,000)	(675,000)	(220,000)	(172,000)	(22,000)	(8,843,000)

REPAIR & REPLACEMENT PROJECTS - FACILITIES

	<u>2017</u> <u>(approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
Stronach Aurora Recreation Center:												
Exterior												
72136 Re-pave Parking Lot	-	-	-	-	-	-	-	-	1,000,000	-	-	1,000,000
72137 Replace Asphalt Flat Roof	-	-	-	-	-	-	-	-	750,000	-	-	750,000
72283 Replacement of Pylon Sign	-	50,000	-	-	-	-	-	-	-	-	-	50,000
Interior												
72164 Rubber Flooring	-	134,600	-	-	-	-	-	-	-	-	-	134,600
72180 Signs	-	50,000	-	-	-	-	-	-	-	-	-	50,000
72282 Compressor Repair and Cimco Com	-	50,000	-	-	-	-	-	-	-	-	-	50,000
72284 Main Lobby Washroom Partitions	-	-	60,000	-	-	-	-	-	-	-	-	60,000
72272 Refresh Program Room	20,000	-	-	-	-	-	-	-	-	-	-	20,000
72305 West Roof Area - Window Sealant	-	-	-	10,000	-	-	-	-	-	-	-	10,000
Electrical												
72166 Fire Control Panel	-	-	-	46,700	-	-	-	-	-	-	-	46,700
72271 Inverter Systems for Fire Panel	15,000	-	-	-	-	-	-	-	-	-	-	15,000
Equipment												
72165 Chemical Controllers	-	-	-	15,000	-	-	-	-	-	-	-	15,000
72307 Pool Pumps	-	35,000	-	-	-	-	-	-	-	-	-	35,000
72263 Cooling Evaporator Tower	75,000	-	-	-	-	-	-	-	-	-	-	75,000
72223 Sliding Doors	-	-	75,000	-	-	-	-	-	-	-	-	75,000
72270 Retrofit Shower Fixtures	35,000	-	-	-	-	-	-	-	-	-	-	35,000
72276 SARC Improvements - Canada 150 Intake II*	375,000	-	-	-	-	-	-	-	-	-	-	375,000
Aurora Recreation Center Total	520,000	319,600	135,000	71,700	-	-	-	-	1,750,000	-	-	2,796,300
Town Hall:												
Exterior												
72168 Exterior Windows	-	-	-	172,300	-	-	-	-	-	-	-	172,300
Interior												
72201 Workstation Refresh, Carpet, Paint	90,000	150,000	150,000	150,000	150,000	150,000	-	-	-	-	-	840,000
Mechanical												
72169 LAN Room HVAC	-	-	69,000	-	-	-	-	-	-	-	-	69,000
Electrical												
Town Hall Total	90,000	150,000	219,000	322,300	150,000	150,000	-	-	-	-	-	1,081,300

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	<u>2017</u> <u>(approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
Aurora Family Leisure Complex:												
Exterior												
72281 Skate Park	-	75,000	-	-	-	-	-	-	-	-	-	75,000
72299 Back Door Re & Re	-	-	30,000	-	-	-	-	-	-	-	-	30,000
72301 Replacement of 3 Slider Doors	-	-	-	75,000	-	-	-	-	-	-	-	75,000
Interior												
72139 Signs	50,000	-	-	-	-	-	-	-	-	-	-	50,000
72206 Men's Washroom	-	-	95,000	-	-	-	-	-	-	-	-	95,000
72207 2nd Floor Flooring	-	-	70,000	-	-	-	-	-	-	-	-	70,000
72208 Program Room	-	-	125,000	-	-	-	-	-	-	-	-	125,000
72209 Pool Tile and Drains	350,000	-	-	-	-	-	-	-	-	-	-	350,000
72224 Rubber Flooring Arena and Seating	-	-	-	85,000	-	-	-	-	-	-	-	85,000
72274 Squash Courts Floor Replacement*	-	-	100,000	-	-	-	-	-	-	-	-	100,000
72302 Replacment of Arena Seating	-	-	-	50,000	-	-	-	-	-	-	-	50,000
72303 Blinds for Pool Windows	-	-	-	25,000	-	-	-	-	-	-	-	25,000
Mechanical / Equipment												
72171 Dasher Board System	-	300,000	-	-	-	-	-	-	-	-	-	300,000
72210 Duct Work	75,000	-	-	-	-	-	-	-	-	-	-	75,000
74007 Fitness Equipment	53,000	50,000	50,000	-	-	35,000	60,000	44,000	-	-	-	292,000
Electrical												
72225 LED Lighting Arena, Pool & Squash (-	-	350,000	-	-	-	-	-	-	-	-	350,000
Family Leisure Complex Total	528,000	425,000	820,000	235,000	-	35,000	60,000	44,000	-	-	-	2,147,000

Aurora Community Center:

Exterior												
72227 Entry Doors	-	-	-	-	95,000	-	-	-	-	-	-	95,000
72229 Front Exterior Walkways	-	-	-	-	95,000	-	-	-	-	-	-	95,000
72179 Multi Purpose Room	-	-	200,000	-	-	-	-	-	-	-	-	200,000
Interior												
72155 Auditorium	70,000	-	-	-	-	-	-	-	-	-	-	70,000
72172 Sport Flooring	-	-	-	149,600	-	-	-	-	-	-	-	149,600
72173 Auditorium Flooring	-	-	18,000	-	-	-	-	-	-	-	-	18,000
72296 North End - Radiant Heaters	-	20,000	-	-	-	-	-	-	-	-	-	20,000
72181 Signs	-	-	35,000	-	-	-	-	-	-	-	-	35,000
72280 Rubber Flooring Repairs	12,000	-	-	-	-	-	-	-	-	-	-	12,000
72297 Zamboni Room Heater	-	-	-	20,000	-	-	-	-	-	-	-	20,000
Mechanical												
72174 Compressors	-	-	233,600	-	-	-	-	-	-	-	-	233,600
72298 Snow Melt Pit Boiler	-	-	20,000	-	-	-	-	-	-	-	-	20,000
72132 Rooftop HVAC	250,000	-	-	-	-	-	-	-	-	-	-	250,000
72277 - ACC improvements - Canada 150 Intake II*	400,000	-	-	-	-	-	-	-	-	-	-	400,000
Aurora Community Center Total	732,000	20,000	506,600	169,600	190,000	-	-	-	-	-	-	1,618,200

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
<u>52/56 Victoria Street</u>												
52/56 Victoria St Total	-	-	-	-	-	-	-	-	-	-	-	-
<u>215 Industrial Parkway</u>												
Exterior												
72268 Roof Replacement	-	-	250,000	-	-	-	-	-	-	-	-	250,000
Hydro Building Total	-	-	250,000	-	-	-	-	-	-	-	-	250,000
<u>Factory Theatre</u>												
Exterior												
72186 Exterior Windows	-	-	-	60,200	-	-	-	-	-	-	-	60,200
72187 Roof Coverings	-	-	-	74,800	-	-	-	-	-	-	-	74,800
Factory Theatre Total	-	-	-	135,000	-	-	-	-	-	-	-	135,000
<u>Lawn Bowling /Tennis Clubhouse</u>												
Exterior												
Site Works												-
72189 Parking Lot	-	-	-	41,400	-	-	-	-	-	-	-	41,400
Tennis Clubhouse Total	-	-	-	41,400	-	-	-	-	-	-	-	41,400
<u>Joint Operations Centre</u>												
Mechanical												
72195 Fuel Mgmt System	100,000	-	-	-	-	-	-	-	-	-	-	100,000
Joint Operations Centre Total	100,000	-	-	-	-	-	-	-	-	-	-	100,000
<u>Firehall 4-3</u>												
Interior												
72279 Air Conditioning Unit	10,000	-	-	-	-	-	-	-	-	-	-	10,000
Firehall 4-3 Total	10,000	-	-	-	-	-	-	-	-	-	-	10,000
<u>Victoria Hall</u>												
Exterior												
72190 Exterior Windows	-	-	15,200	-	-	-	-	-	-	-	-	15,200
72259 Accessibility Ramp	20,000	-	-	-	-	-	-	-	-	-	-	20,000
Victoria Hall Total	20,000	-	15,200	-	-	-	-	-	-	-	-	35,200

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	<u>2017</u> <u>(approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
89 Mosley Street												
Exteriors/Interiors												
89 Mosley Street	-	-	-	-	-	-	-	-	-	-	-	-
Church Street School / Museum												
Electrical												
72218 LED Lighting Retrofit	-	-	50,000	-	-	-	-	-	-	-	-	50,000
Exterior												
72121 Brick Repairs	-	-	30,000	-	-	-	-	-	-	-	-	30,000
72192 Exterior Doors	-	-	-	-	86,700	-	-	-	-	-	-	86,700
72267 Exterior Painting	25,000	-	-	-	-	-	-	-	-	-	-	25,000
Interior												
72217 Elevator	-	-	-	95,000	-	-	-	-	-	-	-	95,000
School Museum Total	25,000	-	80,000	95,000	86,700	-	-	-	-	-	-	286,700
Library - 15145 Yonge Street												
Electrical												
Interior												
72246 Boiler Replacement	-	-	100,000	-	-	-	-	-	-	-	-	100,000
Exterior												
72258 Accessible Doors	20,000	-	-	-	-	-	-	-	-	-	-	20,000
72275 Improvements - Canada 150 Intake II*	300,000	-	-	-	-	-	-	-	-	-	-	300,000
Library Total	320,000	-	100,000	-	-	-	-	-	-	-	-	420,000
Seniors Centre - 90 John West Way												
Electrical												
72213 LED Lighting	-	-	50,000	-	-	-	-	-	-	-	-	50,000
Senior Centre Total	-	-	50,000	-	-	-	-	-	-	-	-	50,000
72196 Future Facilities Maintenance	-	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,500,000
72204 Cameras - HDIP	-	400,000	-	-	-	-	-	-	-	-	-	400,000
72182 3 Stream Recycling Containers	40,000	-	-	-	-	-	-	-	-	-	-	40,000
72269 AED Replacement	35,000	-	-	-	-	-	-	-	-	-	-	35,000
72306 Lifeguard Chairs	-	-	18,000	-	-	-	-	-	-	-	-	18,000
72304 48" Ride On Auto Scrubber	-	60,000	-	-	-	-	-	-	-	-	-	60,000
REPAIR & REPLACEMENT TOTAL	2,420,000	1,374,600	2,693,800	1,570,000	926,700	685,000	560,000	544,000	2,250,000	500,000	500,000	13,964,100

REPAIR & REPLACEMENT - FLEET

	<u>FLEET</u> <u>NUMBER</u>	<u>2017</u> (APPROVED)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
71093 Kubota/60"ZeroTurn	249	15,000	-	-	-	-	-	-	-	-	-	-	15,000
71094 Kubota/60"ZeroTurn (71094)	254	15,000	-	-	-	-	-	-	-	-	-	-	15,000
71095 Kubota/60"ZeroTurn (71095)	255	15,000	-	-	-	-	-	-	-	-	-	-	15,000
71096 Kubota/60"ZeroTurn	256	15,000	-	-	-	-	-	-	-	-	-	-	15,000
71101 Kubota/60"ZeroTurn	260	15,000	-	-	-	-	-	-	-	-	-	-	15,000
71102 Kubota/60"ZeroTurn	264	15,000	-	-	-	-	-	-	-	-	-	-	15,000
34404 Ford F 150		-	-	-	-	-	-	-	-	-	-	45,000	45,000
34405 Ford F 150		-	-	-	-	-	-	-	-	-	-	45,000	45,000
34193 Genie Lift	597	-	-	-	10,000	-	-	-	-	-	-	-	10,000
34196 GMC/K3500	18	-	-	-	-	-	-	-	80,000	-	-	-	80,000
34191 GMC/Savana	501		45,000	-	-	-	-	-	-	-	-	-	45,000
71103 Wide Area Mower	255	-	-	-	-	-	100,000	-	-	-	-	-	100,000
34197 Ford F 150	2	45,000	-	-	-	-	-	-	-	-	-	-	45,000
34198 Ford F150	14	45,000	-	-	-	-	-	-	-	-	-	-	45,000
71104 Line Painter	243	-	-	-	25,000	-	-	-	-	-	-	-	25,000
71105 JD Zero Turn Mower	257	15,000	-	-	-	-	-	-	-	-	-	-	15,000

continued.....

REPAIR & REPLACEMENT - FLEET - continued

	FLEET NUMBER	2017 (APPROVED)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Project Total
71107 Skid Steer Loader	253	-	60,000	-	-	-	-	-	-	-	-	-	60,000
71108 GMC Sierra Crew Cab	224	-	65,000	-	-	-	-	-	-	-	-	-	65,000
71109 GMC 1 Ton Dump (71109)	228	-	60,000	-	-	-	-	-	-	-	-	-	60,000
71110 JD/870	299	-	-	-	-	-	-	50,000	-	-	-	-	50,000
71111 GMC Sierra	200	-	45,000	-	-	-	-	-	-	-	-	-	45,000
24017 Replacement of By-Law Vehicle	404	-	40,000	-	-	-	-	-	-	-	-	-	40,000
34220 GMC/3500	15	-	-	-	70,000	-	-	-	-	-	-	-	70,000
71112 Chev/Cab	226	-	-	-	-	50,000	-	-	-	-	-	-	50,000
71113 Cold Planer Attachment		-	45,000	-	-	-	-	-	-	-	-	-	45,000
34221 Kubota 4x4 Tractor	599	-	-	40,000	-	-	-	-	-	-	-	-	40,000
34222 Chev/1500	3	-	-	-	45,000	-	-	-	-	-	-	-	45,000
34223 Chev/1500	20	-	-	-	45,000	-	-	-	-	-	-	-	45,000
34224 Provision for new purchase		-	-	45,000	-	-	-	-	-	-	-	-	45,000
34225 Provision for new purchase		-	-	-	45,000	-	-	-	-	-	-	-	45,000
24006 Toyoto Tacoma pick up	403	40,000	-	-	-	-	-	-	-	-	-	-	40,000
34226 Cat/416B	45	-	-	-	-	-	-	-	180,000	-	-	-	180,000
34227 Int/2554	39	-	-	-	-	-	-	325,000	-	-	-	-	325,000
71116 Back Hoe 420E IT	238	-	-	-	155,000	-	-	-	-	-	-	-	155,000
34228 Zamboni 525	595	-	-	90,000	-	-	-	-	-	-	-	-	90,000

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REPAIR & REPLACEMENT - FLEET - continued

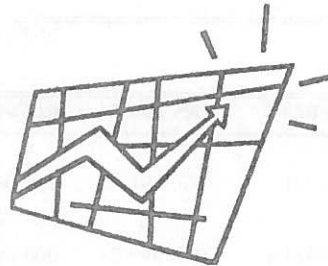
	<u>FLEET</u> <u>NUMBER</u>	<u>2017</u> (APPROVED)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
71117 Catepillar/420E	43	-	-	-	155,000	-	-	-	-	-	-	-	155,000
71118 JD/5225 Tractor	241	-	-	-	80,000	-	-	-	-	-	-	-	80,000
34230 Chev Express	20	60,000	-	-	-	-	-	-	-	-	-	-	60,000
34231 Chev Express	21	60,000	-	-	-	-	-	-	-	-	-	-	60,000
71119 JD/4320 Tractor	240	-	-	40,000	-	-	-	-	-	-	-	-	40,000
71121 Chev Silverado	207	-	-	-	50,000	-	-	-	-	-	-	-	50,000
71122 Chev Silverado	212	-	-	-	45,000	-	-	-	-	-	-	-	45,000
34407 Back Up Cameras		50,000	-	-	-	-	-	-	-	-	-	-	50,000
34241 Zamboni 525		-	-	-	-	-	-	-	-	90,000	-	-	90,000
34242 Chev Express		-	-	-	-	-	-	-	55,000	-	-	-	55,000
34243 Chev Express		-	-	-	-	-	-	-	55,000	-	-	-	55,000
34401 FRT/FL80		-	-	-	-	-	-	-	-	-	200,000	-	200,000
34402 3 Tonne Truck		-	-	-	-	-	-	-	-	-	90,000	-	90,000
34409 Smart Car Replacement	400	-	-	50,000	-	-	-	-	-	-	-	-	50,000
34410 Fr/FL80	33	-	210,000	-	-	-	-	-	-	-	-	-	210,000
Total Fleet R & R COSTS		405,000	570,000	265,000	725,000	50,000	100,000	375,000	370,000	90,000	290,000	90,000	3,330,000

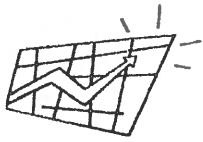
GROWTH & NEW ASSETS

(Anticipated Spend of \$134,452,093 over 11 years)

Specific Growth & New Assets are at the following pages:

GROWTH & NEW SUMMARY	Page 41
Corporate Services	Page 42
Fire & Emergency Services	Page 43
Infrastructure & Environmental Services	Page 44
Parks, Recreation & Cultural Services	Page 45
Facilities & Fleet	Page 47
Planning & Building Services	Page 48





GROWTH AND NEW ASSETS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS

	2017 (Approved)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	10 YEAR OUTLOOK
GROWTH and NEW												
Corporate Services	100,000	440,000	95,000	10,000	-	-	-	-	-	-	-	545,000
Fire Services	6,015,000	10,655,000	-	-	-	-	-	-	-	-	-	10,655,000
Infrastructure & Environment	4,060,990	877,111	1,015,500	8,276,270	371,350	303,000	-	122,550	5,768,110	-	-	16,733,891
P, R & C Services	2,781,412	8,062,500	13,301,000	1,988,000	3,446,000	1,176,000	3,346,000	211,000	711,000	196,000	136,000	32,573,500
Facilities	1,160,000	4,865,000	46,350,000	1,885,000	-	-	-	-	-	-	-	53,100,000
Fleet	20,000	815,000	70,000	230,000	150,000	150,000	150,000	-	-	-	-	1,565,000
Planning & Bldg Svcs	75,000	1,370,000	780,000	-	-	-	-	-	-	-	-	2,150,000
TOTAL GROWTH & NEW	14,212,402	27,084,611	61,611,500	12,389,270	3,967,350	1,629,000	3,496,000	333,550	6,479,110	196,000	136,000	117,322,391
Water/Sewer Projects	1,444,300	-	135,000	1,338,000	-	-	-	-	-	-	-	1,473,000
TOTAL GROWTH & NEW	15,656,702	27,084,611	61,746,500	13,727,270	3,967,350	1,629,000	3,496,000	333,550	6,479,110	196,000	136,000	118,795,391
Total including 2017											134,452,093	
Funding Sources:												
Development Charges	(7,313,637)	(11,512,081)	(50,641,700)	(10,330,705)	(3,383,408)	(1,289,700)	(2,970,000)	(123,795)	(6,231,610)	-	-	(86,482,999)
Water & Sewer DCs	(1,444,300)	-	(135,000)	(1,338,000)	-	-	-	-	-	-	-	(1,473,000)
Special Purposes Reserves	(2,063,076)	(348,500)	(957,000)	(224,200)	(373,000)	(133,000)	(363,000)	(49,500)	(49,500)	(48,000)	(48,000)	(2,593,700)
Growth & New Reserves	(1,106,539)	(6,972,780)	(5,912,800)	(1,734,365)	(110,942)	(106,300)	(63,000)	(60,255)	(98,000)	(48,000)	(48,000)	(15,154,442)
R & R Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-
Water & Sewer Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Funds	(60,000)	(1,100,000)	(4,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	(5,940,000)
External Funding	(3,669,150)	(7,151,250)	-	-	-	-	-	-	-	-	-	(7,151,250)
(15,656,702)	(27,084,611)	(61,746,500)	(13,727,270)	(3,967,350)	(1,629,000)	(3,496,000)	(333,550)	(6,479,110)	(196,000)	(136,000)	(118,795,391)	
Total including 2017											(134,452,093)	

GROWTH & NEW PROJECTS - CORPORATE SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Growth & New												
12016 Customer Care Centre	-	200,000	50,000	-	-	-	-	-	-	-	-	250,000
14037 Joint Ops LAN Room & DR site	75,000	60,000	-	10,000	-	-	-	-	-	-	-	145,000
14058 Eclipse Project Portfolio Mgr	-	-	25,000	-	-	-	-	-	-	-	-	25,000
14068 Wireless Upgrades & Enhancements	-	55,000	20,000	-	-	-	-	-	-	-	-	75,000
14069 Portable Emergency Cooling Unit	-	25,000	-	-	-	-	-	-	-	-	-	25,000
24015 Radios for By-Law Officers	25,000	-	-	-	-	-	-	-	-	-	-	25,000
24016 Animal Control Start Up	-	100,000	-	-	-	-	-	-	-	-	-	100,000
	100,000	440,000	95,000	10,000	-	-	-	-	-	-	-	645,000
Funding Sources:												
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-
Building Reserve		-										
Growth & New	(100,000)	(440,000)	(95,000)	(10,000)	-	-	-	-	-	-	-	(645,000)
	(100,000)	(440,000)	(95,000)	(10,000)	-	-	-	-	-	-	-	(645,000)

GROWTH & NEW PROJECTS - FIRE SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Growth & New												
21005 New Fire Training Facility	-	-	-	-	-	-	-	-	-	-	-	-
21101 CYFS - Access Control Locks	-	-	-	-	-	-	-	-	-	-	-	-
21102 Pumper for New Fire Stations	565,000	-	-	-	-	-	-	-	-	-	-	565,000
21103 CYFS - Water Softeners	-	-	-	-	-	-	-	-	-	-	-	-
21006 New Fire Station	5,450,000	10,480,000	-	-	-	-	-	-	-	-	-	15,930,000
21104 Turn Out Gear for New Crews	-	175,000	-	-	-	-	-	-	-	-	-	175,000
21105 CYFS - Outdoor Electric Display	-	-	-	-	-	-	-	-	-	-	-	-
	6,015,000	10,655,000	-	-	-	-	-	-	-	-	-	16,670,000
Funding Sources:												
Development Charges	(2,345,850)	(3,503,750)	-	-	-	-	-	-	-	-	-	(5,849,600)
Growth & New	-	-	-	-	-	-	-	-	-	-	-	-
Contribution from Newmarket	(3,669,150)	(7,151,250)	-	-	-	-	-	-	-	-	-	(10,820,400)
	(6,015,000)	(10,655,000)	-	-	-	-	-	-	-	-	-	(16,670,000)

GROWTH AND NEW PROJECTS - I.E.S. / ROADS / SIDEWALKS / SANITARY SEWER

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u>
Growth & New Projects:	(approved)											
34515 Allocation for Growth Related Traffic Congest	-	-	303,000	-	-	303,000	-	-	-	-	-	606,000
34516 Yonge St/Church St Signalization	-	-	-	206,040	-	-	-	-	-	-	-	206,040
34518 Pedestrian Crossings as per 2014 DC Study	-	144,100	-	-	72,050	-	-	-	-	-	-	216,150
34519 Traffic Calming as per 2014 DC Study	-	122,550	-	-	122,550	-	-	122,550	-	-	-	367,650
34524 Orchard Heights Blvd - west of Yonge	-	-	-	91,910	-	-	-	-	-	-	-	91,910
34525 Yonge St Parking Plan	-	200,000	-	-	-	-	-	-	-	-	-	200,000
34527 Yonge/Wellington Intersection Improvements	75,000	-	312,500	-	-	-	-	-	-	-	-	387,500
34610 S/W, Multi -Use Trail & Illumination Leslie St :	182,810	-	-	-	-	-	-	-	-	-	-	182,810
34612 S/W - Bloomington Rd - Bayview to E Town L	-	-	-	1,524,000	-	-	-	-	-	-	-	1,524,000
34619 S/W - Kitimat Cres	-	100,000	-	-	-	-	-	-	-	-	-	100,000
34620 S/W, Multi -Use Trail & Illumination Leslie St I	361,580	-	-	-	-	-	-	-	-	-	-	361,580
34625 S/W - Bayview Ave - St John's to N Town limi	-	-	-	-	176,750	-	-	-	-	-	-	176,750
34629 S/W - Mary - Ind. Pkwy S. to Wellington	586,000	115,461	-	-	-	-	-	-	-	-	-	701,461
34630 S/W - Yonge - Batson Dr to 185 m North	-	95,000	-	835,440	-	-	-	-	-	-	-	930,440
34635 S/W - St John's - Bayview To E Town limit	1,411,300	-	-	-	-	-	-	-	-	-	-	1,411,300
34636 S/W - Wellington St E. - Leslie to First Comm	-	-	100,000	500,000	-	-	-	-	-	-	-	600,000
34637 S/W - Leslie St - 600 m N of Wellington to N	-	100,000	-	1,216,100	-	-	-	-	-	-	-	1,316,100
34638 S/W - Vandorf Sdrd - Bayview to 300m E	-	-	-	-	-	-	-	-	149,480	-	-	149,480
34639 S/W - Bathurst St - Bloomington Sdrd - N Tov	-	-	-	-	-	-	-	-	5,618,630	-	-	5,618,630
34640 S/W - Yonge St - Bloomington GO Bridge, E i	-	-	-	1,424,780	-	-	-	-	-	-	-	1,424,780
41005 Yonge St Sanitary Sewer Replacement	-	-	250,000	2,478,000	-	-	-	-	-	-	-	2,728,000
43048 St John's Sdrd - Leslie to 2C	1,444,300	-	-	-	-	-	-	-	-	-	-	1,444,300
43057 Spill Action Trailer	-	-	50,000	-	-	-	-	-	-	-	-	50,000
	4,060,990	877,111	1,015,500	8,276,270	371,350	303,000	-	122,550	5,768,110	-	-	20,794,881
Funding Sources:												
Development Charges - Roads	(2,195,151)	(628,831)	(372,700)	(5,548,405)	(323,408)	(272,700)	-	(110,295)	(5,768,110)	-	-	(15,219,600)
Development Charges - Storm Sewer	-	-	(135,000)	(1,338,000)	-	-	-	-	-	-	-	(1,473,000)
Development Charges - Water	(1,444,300)	-	-	-	-	-	-	-	-	-	-	(1,444,300)
External Funding	-	-	-	-	-	-	-	-	-	-	-	-
Growth and New Reserve	(421,539)	(248,280)	(507,800)	(1,389,865)	(47,942)	(30,300)	-	(12,255)	-	-	-	(2,657,981)
	(4,060,990)	(877,111)	(1,015,500)	(8,276,270)	(371,350)	(303,000)	-	(122,550)	(5,768,110)	-	-	(20,794,881)

GROWTH AND NEW PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

Forecast Excludes Purchases of Parklands

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Growth & New Projects:												
73085 Arboretum Development	85,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	1,045,000
73177 Pedestrian Underpasses (3 locations on Leslie St and 2 locations on St John's Sdrd)	148,336	-	-	-	-	-	-	-	-	-	-	148,336
73243 Grade Separated crossing Wellington St east of John West Way	60,000	-	1,440,000	-	-	-	-	-	-	-	-	1,500,000
73244 Grade Separated crossing Vandorf Road at Archerhill	-	-	-	-	-	300,000	-	-	-	-	-	300,000
73245 Grade Separated crossing Bayview Avenue at Stone Rd and Benville Drive	-	-	600,000	-	-	-	-	-	-	-	-	600,000
73246 Grade Separated Crossing Yonge street at Elderberrv	-	-	-	-	-	-	1,500,000	-	-	-	-	1,500,000
73247 Trail Construction (Trail Master Plan in Coutts /Pandolfo development area based on \$100 per lin. Meter 2 phases 100 lin meter ea.phase)	-	100,000	100,000	-	-	-	-	-	-	-	-	200,000
73156 Multi Use Courts per Master Plan	-	-	-	-	-	130,000	-	-	-	-	-	130,000
73250 Computerized Irrigation System	-	-	100,000	-	-	-	-	-	-	-	-	100,000
73251 GPS Tracking System	-	15,000	-	-	-	-	-	-	-	-	-	15,000
73248 Rail Crossings at grade McRoberts	-	-	-	-	-	-	100,000	-	-	-	-	100,000
73249 Rail Crossing at grade Vata Court	-	-	-	-	-	100,000	-	-	-	-	-	100,000
73174 Trail - Atkinson Park	-	85,000	-	-	-	-	-	-	-	-	-	85,000
73169 Wildlife Park (Phase I, II & III)	-	1,000,000	1,000,000	1,000,000	1,000,000	-	-	-	-	-	-	4,000,000

continued.....

GROWTH AND NEW PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

Forecast Excludes Purchases of Parklands

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
73162 Hard Ball Diamond	-	-	1,200,000	-	-	-	-	-	-	-	-	1,200,000
73165 BMX Park	-	-	-	-	-	450,000	-	-	-	-	-	450,000
73168 Artificial Ice Rink with Boards	-	-	1,500,000	-	-	-	-	-	-	-	-	1,500,000
74013 Museum Collection Infrastructure	15,000	15,000	15,000	30,000	-	-	-	-	-	-	-	75,000
73256 Artificial Turf	1,000,000	-	-	-	-	-	-	-	-	-	-	1,000,000
73171 Rail Crossings - Grade Separated	-	-	750,000	750,000	750,000	-	750,000	-	-	-	-	3,000,000
73257 Outdoor Rink with boards and re Fridgeration	-	-	-	-	-	-	800,000	-	-	-	-	800,000
73119 Street Tree Planting	575,000	-	-	-	-	-	-	-	-	-	-	575,000
73287 Hallmark Lands - Baseball Diamonds	-	3,000,000	-	-	-	-	-	-	-	-	-	3,000,000
73285 Mavrinac Park	423,076	-	-	-	-	-	-	-	-	-	-	423,076
73286 Stewart Burnett Park Playground & Parking I	400,000	1,100,000	-	-	-	-	-	-	-	-	-	1,500,000
73288 2C Park Development	-	-	2,000,000	-	-	-	-	-	-	-	-	2,000,000
73290 Tree Inventory for 2C	-	10,000	-	12,000	-	-	-	15,000	15,000	-	-	52,000
73292 Picnic Tables/Garbage Receptacles	15,000	15,000	-	-	-	-	-	-	-	-	-	30,000
73294 Emery Lands/Trail	-	-	-	-	-	-	-	-	500,000	-	-	500,000
73295 Grade Separate Crossing Bayview Ave	-	-	-	-	1,500,000	-	-	-	-	-	-	1,500,000
73296 Trails - DG Group Trail Connection	-	-	150,000	-	-	-	-	-	-	-	-	150,000
73297 Trails - Broofield Parkette/Leslie St	-	-	50,000	-	-	-	-	-	-	-	-	50,000
73298 Trails - McLeod Nature Reserve	-	-	200,000	-	-	-	-	-	-	-	-	200,000
73299 Non- Programmed Park in 2C	-	1,500,000	-	-	-	-	-	-	-	-	-	1,500,000
74015 Cultural Services Master Plan	60,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	40,000	1,000,000
74016 Cultural Precinct Plan	-	1,000,000	4,000,000	-	-	-	-	-	-	-	-	5,000,000
74017 Aurora Sports Hall of Fame	-	26,500	-	-	-	-	-	-	-	-	-	26,500
	2,781,412	8,062,500	13,301,000	1,988,000	3,446,000	1,176,000	3,346,000	211,000	711,000	196,000	136,000	35,354,912

Funding Sources:

Development Charges - Parks Dev	(100,000)	(2,362,500)	(6,885,000)	(1,585,800)	(2,925,000)	(882,000)	(2,835,000)	(13,500)	(463,500)	-	-	(18,052,300)
Development Charges - Roads	(202,336)	-	(1,296,000)	-	-	-	-	-	-	-	-	(1,498,336)
Cash in Lieu - Parkland	(1,413,076)	(348,500)	(957,000)	(224,200)	(373,000)	(133,000)	(363,000)	(49,500)	(49,500)	(48,000)	(48,000)	(4,006,776)
Parks Master Plan	-	-	-	-	-	-	-	-	-	-	-	-
Landscape Fee Reserve	(575,000)	-	-	-	-	-	-	-	-	-	-	(575,000)
Growth & New Reserve	(431,000)	(4,251,500)	(63,000)	(78,000)	(48,000)	(61,000)	(48,000)	(48,000)	(98,000)	(48,000)	(48,000)	(5,222,500)
Council Discretionary	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Funds	(60,000)	(1,100,000)	(4,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	(6,000,000)
	(2,781,412)	(8,062,500)	(13,301,000)	(1,988,000)	(3,446,000)	(1,176,000)	(3,346,000)	(211,000)	(711,000)	(196,000)	(136,000)	(35,354,912)

GROWTH AND NEW PROJECTS - FACILITIES & FLEET

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Growth and New:												
Facilities:												
72113 New Recreation Facility	-	2,400,000	37,000,000	600,000	-	-	-	-	-	-	-	40,000,000
72114 New Library	-	665,000	7,600,000	1,235,000	-	-	-	-	-	-	-	9,500,000
72285 JOC - Extra Items	-	1,750,000	1,750,000	-	-	-	-	-	-	-	-	3,500,000
72310 22 Church St - Exterior Sign	-	50,000	-	-	-	-	-	-	-	-	-	50,000
72111 Bldg Automation System Network	-	-	-	50,000	-	-	-	-	-	-	-	50,000
72266 Sheppard's Bush - AYSC Club Bldg	1,120,000	-	-	-	-	-	-	-	-	-	-	1,120,000
72273 Mobile Two Way Handheld Radios	40,000	-	-	-	-	-	-	-	-	-	-	40,000
Total Facilities	1,160,000	4,865,000	46,350,000	1,885,000	-	-	-	-	-	-	-	54,260,000
Fleet:												
34162 Additions to the Town Fleet	-	-	-	150,000	150,000	150,000	150,000	-	-	-	-	600,000
34408 Forklift	20,000	-	-	-	-	-	-	-	-	-	-	20,000
34406 Electric Utility Vehicle	-	-	-	80,000	-	-	-	-	-	-	-	80,000
71114 Hydro Seed Mulcher	-	45,000	-	-	-	-	-	-	-	-	-	45,000
71090 Mini Excavator - Parks	-	40,000	-	-	-	-	-	-	-	-	-	40,000
71091 Skid Steer and Tracks - Parks	-	100,000	-	-	-	-	-	-	-	-	-	100,000
34412 Additional Plow	-	250,000	-	-	-	-	-	-	-	-	-	250,000
34168 New 6 Ton Dump Truck with Plow	-	250,000	-	-	-	-	-	-	-	-	-	250,000
34184 Water Truck	-	-	70,000	-	-	-	-	-	-	-	-	70,000
34187 3 Tonne Truck	-	90,000	-	-	-	-	-	-	-	-	-	90,000
71106 New 1/2 Tonne Pick Up Truck	-	40,000	-	-	-	-	-	-	-	-	-	40,000
Total Fleet	20,000	815,000	70,000	230,000	150,000	150,000	150,000	-	-	-	-	1,585,000
Total Facilities and Fleet	1,180,000	5,680,000	46,420,000	2,115,000	150,000	150,000	150,000	-	-	-	-	55,845,000
Funding Sources:												
Development Charges	(1,026,000)	(5,017,000)	(41,953,000)	(1,858,500)	(135,000)	(135,000)	(135,000)	-	-	-	-	(50,259,500)
Special Purposes	-	-	-	-	-	-	-	-	-	-	-	-
Water & Sewer Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Parks Master Plan	-	-	-	-	-	-	-	-	-	-	-	-
Land Sales Proceeds	-	-	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New Reserve	(154,000)	(663,000)	(4,467,000)	(256,500)	(15,000)	(15,000)	(15,000)	-	-	-	-	(5,585,500)
Financing	-	-	-	-	-	-	-	-	-	-	-	-
	(1,180,000)	(5,680,000)	(46,420,000)	(2,115,000)	(150,000)	(150,000)	(150,000)	-	-	-	-	(55,845,000)

GROWTH & NEW PROJECTS - PLANNING & BUILDING SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project</u> <u>Total</u>
Growth & New												
24011 Mobile Devices for BBS Building Division Website	-	-	-	-	-	-	-	-	-	-	-	-
24013 Portal	75,000	-	-	-	-	-	-	-	-	-	-	75,000
24014 Digital Plan Review and E-Permits	-	120,000	50,000	-	-	-	-	-	-	-	-	170,000
81015 Community Improvement Pla	-	200,000	-	-	-	-	-	-	-	-	-	200,000
81016 Aurora Promenade Streetscape	-	1,050,000	730,000	-	-	-	-	-	-	-	-	1,780,000
	75,000	1,370,000	780,000	-	-	-	-	-	-	-	-	2,225,000
												-
												-
Funding Sources:												
Building Reserve												
Online Services	-	-	-	-	-	-	-	-	-	-	-	-
Mobile Devices	(75,000)	-	-	-	-	-	-	-	-	-	-	(75,000)
Growth & New												
Online Services	-	(120,000)	(50,000)	-	-	-	-	-	-	-	-	(170,000)
Mobile Devices	-	-	-	-	-	-	-	-	-	-	-	-
Community Improvement Plan	-	(200,000)	-	-	-	-	-	-	-	-	-	(200,000)
Aurora Promenade Streetscape	-	(1,050,000)	(730,000)	-	-	-	-	-	-	-	-	(1,780,000)
	(75,000)	(1,370,000)	(780,000)	-	-	-	-	-	-	-	-	(2,225,000)

STUDIES & OTHER ASSETS

(Anticipated Spend of \$2,970,000 over 11 years)

Specific Studies & Other Assets are at the following pages:

STUDIES & OTHER SUMMARY	Page 50
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Financial Services	Page 52
Corporate Services	Page 53
Planning & Building Services	Page 54
Infrastructure & Environmental Services	Page 55

STUDIES AND OTHER PROJECTS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS



	<u>2017</u> (Approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>10 YEAR</u> <u>OUTLOOK</u>
<u>STUDIES and OTHER</u>												
Chief Administrative Officer	-	-	110,000	-	-	30,000	-	80,000	30,000	-	-	250,000
Financial Services	-	125,000	-	-	-	-	130,000	-	-	-	-	255,000
Corporate Services	35,000	100,000	-	80,000	90,000	-	-	100,000	80,000	-	100,000	550,000
Planning & Building Services	-	-	-	-	-	-	-	-	-	300,000	-	300,000
Infrastructure & Environment	-	380,000	450,000	150,000	-	-	275,000	200,000	50,000	-	75,000	1,580,000
	35,000	605,000	560,000	230,000	90,000	30,000	405,000	380,000	160,000	300,000	175,000	2,935,000
										Total including 2017		2,970,000

Funding Sources:

Studies & Other Reserve	(35,000)	(538,000)	(160,000)	(230,000)	(90,000)	(30,000)	(338,000)	(180,000)	(160,000)	(30,000)	(175,000)	(1,931,000)	
Development Charges	-	-	-	-	-	-	-	-	-	(270,000)	-	(270,000)	
Special Purposes Reserves	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)	
Infrastructure Sustainability (Tax)	-	(34,000)	-	-	-	-	(34,000)	-	-	-	-	(68,000)	
Water/Sewer/Storm Res	-	(33,000)	(300,000)	-	-	-	(33,000)	(100,000)	-	-	-	(466,000)	
External Grants	-	-	-	-	-	-	-	-	-	-	-	-	
	(35,000)	(605,000)	(560,000)	(230,000)	(90,000)	(30,000)	(405,000)	(380,000)	(160,000)	(300,000)	(175,000)	(2,935,000)	
											Total including 2017		(2,970,000)

STUDIES AND OTHER PROJECTS - CHIEF ADMINISTRATIVE OFFICER

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Studies & Other	-	-	-	-	-	-	-	-	-	-	-	-
12015 Update TOA Strategic Plan	-	-	80,000	-	-	-	-	-	-	-	-	80,000
12038 TOA Strategic Plan Update	-	-	-	-	-	-	-	80,000	-	-	-	80,000
12032 Resident Survey - 2019	-	-	30,000	-	-	-	-	-	-	-	-	30,000
12039 Resident Survey - 2022	-	-	-	-	-	30,000	-	-	-	-	-	30,000
12040 Resident Survey - 2025	-	-	-	-	-	-	-	-	30,000	-	-	30,000
	-	-	110,000	-	-	30,000	-	80,000	30,000	-	-	250,000
Funding Sources:												
Studies & Other	-	-	(110,000)	-	-	(30,000)	-	(80,000)	(30,000)	-	-	(250,000)
	-	-	(110,000)	-	-	(30,000)	-	(80,000)	(30,000)	-	-	(250,000)

STUDIES AND OTHER PROJECTS - FINANCIAL SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Studies & Other												
14061 DC Background Study - 2019	-	125,000	-	-	-	-	-	-	-	-	-	125,000
14067 DC Background Study - 2024	-	-	-	-	-	-	130,000	-	-	-	-	130,000
	-	125,000	-	-	-	-	130,000	-	-	-	-	255,000
Funding Sources:												
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-
Studies & Other	-	(125,000)	-	-	-	-	(130,000)	-	-	-	-	(255,000)
	-	(125,000)	-	-	-	-	(130,000)	-	-	-	-	(255,000)

STUDIES AND OTHER PROJECTS INVESTMENT PLAN - CORPORATE SERVICES

		<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Total</u> <u>Project</u>
Studies & Other		(approved)											
14063	IT Strategic Plan	-	-	-	80,000	-	-	-	-	-	-	-	80,000
14071	IT Strategic Plan	-	-	-	-	-	-	-	-	80,000	-	-	80,000
13011	Emergency Response Plan	35,000	20,000	-	-	-	-	-	-	-	-	-	55,000
13014	Employee Engagement Survey	-	80,000	-	-	-	-	-	-	-	-	-	80,000
13015	Employee Engagement Survey	-	-	-	-	90,000	-	-	-	-	-	-	90,000
13016	Employee Engagement Survey	-	-	-	-	-	-	-	100,000	-	-	-	100,000
13017	Employee Engagement Survey	-	-	-	-	-	-	-	-	-	-	100,000	100,000
		35,000	100,000	-	80,000	90,000	-	-	100,000	80,000	-	100,000	585,000

Funding Sources:

Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-
Building Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-
Studies & Other	(35,000)	(100,000)	-	(80,000)	(90,000)	-	-	-	(100,000)	(80,000)	-	(100,000)	(585,000)
	(35,000)	(100,000)	-	(80,000)	(90,000)	-	-	-	(100,000)	(80,000)	-	(100,000)	(585,000)

STUDIES & OTHER PROJECTS - PLANNING & BUILDING SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Project Total</u>
Studies & Other												
81001 Official Plan Review	-	-	-	-	-	-	-	-	-	300,000	-	300,000
	-	-	-	-	-	-	-	-	-	300,000	-	300,000
Funding Sources:												
Development Charges	-	-	-	-	-	-	-	-	-	(270,000)	-	(270,000)
Studies & Other	-	-	-	-	-	-	-	-	-	(30,000)	-	(30,000)
	-	-	-	-	-	-	-	-	-	(300,000)	-	(300,000)

STUDIES & OTHER PROJECTS - INFRASTRUCTURE & ENVIRONMENTAL SERVICES

	<u>2017</u> (approved)	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	Project Total
Studies and Other												
31052 Salt Management Plan	-	100,000	-	-	-	-	-	-	-	-	-	100,000
31081 Salt Management Plan	-	-	-	-	-	-	100,000	-	-	-	-	100,000
34185 Green Fleet Operating Policies	-	-	-	50,000	-	-	-	-	50,000	-	-	100,000
34529 Master Transportation Study Update	-	100,000	-	-	-	-	-	-	-	-	-	100,000
34530 Master Transportation Study Update	-	-	-	-	-	-	100,000	-	-	-	-	100,000
41004 Wastewater Hydraulic Model	-	-	100,000	-	-	-	-	-	-	-	-	100,000
42807 Corporate Environmental Action Plan	-	-	-	-	-	-	75,000	-	-	-	75,000	150,000
42808 Corporate Energy Mgmt Plan	-	-	50,000	-	-	-	-	-	-	-	-	50,000
42809 Municipal Energy Plan	-	180,000	-	-	-	-	-	-	-	-	-	180,000
43040 Water Hydraulic Model	-	-	100,000	-	-	-	-	-	-	-	-	100,000
43046 Water System Leak Detection Study	-	-	200,000	-	-	-	-	200,000	-	-	-	400,000
42810 Climate Change Adaptation Plan	-	-	-	100,000	-	-	-	-	-	-	-	100,000
	-	380,000	450,000	150,000	-	-	275,000	200,000	50,000	-	75,000	1,580,000
Funding Sources:												
Engineering Fees	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)
Infrastructure Sustainability - Roads	-	(34,000)	-	-	-	-	(34,000)	-	-	-	-	(68,000)
Infrastructure Sustainability - Water	-	-	(300,000)	-	-	-	-	(100,000)	-	-	-	(400,000)
Infrastructure Sustainability - Wastewater	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure Sustainability - Storm	-	(33,000)	-	-	-	-	(33,000)	-	-	-	-	(66,000)
Studies & Other	-	(313,000)	(50,000)	(150,000)	-	-	(208,000)	-	(50,000)	-	(75,000)	(846,000)
	-	(380,000)	(450,000)	(150,000)	-	-	(275,000)	(200,000)	(50,000)	-	(75,000)	(1,580,000)

FUNDING SOURCES / RESERVE BALANCES / CASH FLOWS

SOURCES OF CAPITAL PLAN FUNDING:

- Consolidated Page 57
- Repair & Replacement Page 58
- Growth & New Page 59
- Studies & Other Page 60

10 YEAR RESERVE FORECASTS & CASH FLOW:

- Repair & Replacement, TAX Funded Pages 61 to 67
- Repair & Replacement, RATES Funded Page 68
- Growth & New Page 69
- Studies & Other Page 70

10 YEAR DEVELOPMENT CHARGE BALANCES & CASH FLOW:

- Consolidated D.C. Reserves & Cash Flow Page 71



ESTIMATED SOURCES OF FUNDING - CONSOLIDATED

The Sources of Funding Are Estimates at this Time and May Change When Projects Are Presented for Approval

	Base <u>2017</u> <u>(approved)</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	10 YEAR <u>OUTLOOK</u>	
		Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10		
Total Capital Needs:													
Repair & Replacement Program	12,347,934	11,689,173	19,470,964	9,229,542	10,831,894	5,944,192	10,537,001	12,872,768	10,847,647	6,784,011	12,012,473	110,219,665	
Growth & New Total	15,656,702	27,084,611	61,746,500	13,727,270	3,967,350	1,629,000	3,496,000	333,550	6,479,110	196,000	136,000	118,795,391	
Studies & Other Total	35,000	605,000	560,000	230,000	90,000	30,000	405,000	380,000	160,000	300,000	175,000	2,935,000	
TOTAL CAPITAL NEEDS (see Page 10)	28,039,636	39,378,784	81,777,464	23,186,812	14,889,244	7,603,192	14,438,001	13,586,318	17,486,757	7,280,011	12,323,473	231,950,056	
												Total including 2017	259,989,692

CONSOLIDATED FUNDING SOURCES:

Repair & Replacement Reserve - Tax	(4,755,885)	(5,254,152)	(7,382,252)	(4,122,996)	(3,988,979)	(1,246,080)	(4,287,462)	(6,994,144)	(4,945,827)	(2,605,634)	(5,291,288)	(46,118,814)	
Repair & Replacement Reserve - Rates	(4,882,431)	(4,790,538)	(13,553,431)	(1,933,434)	(3,717,303)	(1,750,000)	(3,203,427)	(3,283,012)	(3,206,208)	(1,482,765)	(3,965,573)	(40,885,691)	
Growth & New Reserve	(1,106,539)	(7,222,780)	(5,912,800)	(1,784,365)	(110,942)	(106,300)	(63,000)	(60,255)	(98,000)	(48,000)	(48,000)	(15,454,442)	
Studies & Other Reserve	(35,000)	(538,000)	(160,000)	(230,000)	(90,000)	(30,000)	(338,000)	(180,000)	(160,000)	(30,000)	(175,000)	(1,931,000)	
Development Charges	(7,313,637)	(11,512,081)	(50,641,700)	(10,330,705)	(3,383,408)	(1,289,700)	(2,970,000)	(123,795)	(6,231,610)	(270,000)	-	(86,752,999)	
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-	
Special Purposes Reserves * (see below)	(3,263,594)	(1,215,417)	(2,374,740)	(1,752,746)	(1,904,046)	(1,486,546)	(1,881,546)	(1,250,546)	(1,150,546)	(1,149,046)	(1,149,046)	(15,314,225)	
Federal / Provincial Grants (incl Gas Tax)	(3,013,400)	(1,694,566)	(1,752,541)	(3,032,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(18,341,635)	
External Funding (Region / Newmarket)	(3,669,150)	(7,151,250)	-	-	-	-	-	-	-	-	-	(7,151,250)	
Other External Funding (Donations)	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL FUNDING SOURCES	(28,039,636)	(39,378,784)	(81,777,464)	(23,186,812)	(14,889,244)	(7,603,192)	(14,438,001)	(13,586,318)	(17,486,757)	(7,280,011)	(12,323,473)	(231,950,056)	
												Total including 2017	(259,989,692)

* Special Purposes Reserves:

Engineering Fees	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)
Building Services	(75,000)	-	-	-	-	-	-	-	-	-	-	-
Cash in Lieu of Parkland	(2,143,976)	(498,500)	(1,352,000)	(416,700)	(563,000)	(150,500)	(780,500)	(49,500)	(49,500)	(48,000)	(48,000)	(3,956,200)
Council Discretionary Reserve	-	-	-	-	-	-	-	-	-	-	-	-
EAB Reserve	(810,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	-	(1,180,000)
EAB Reserve	(234,618)	(481,917)	(687,740)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(9,978,025)
Council Discretionary Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Landscape Reserve Fee	-	-	-	-	-	-	-	-	-	-	-	-
	(3,263,594)	(1,215,417)	(2,374,740)	(1,752,746)	(1,904,046)	(1,486,546)	(1,881,546)	(1,250,546)	(1,150,546)	(1,149,046)	(1,149,046)	(15,314,225)

ESTIMATED SOURCES OF FUNDING - REPAIR & REPLACEMENT

The Sources of Funding Are Estimates at this Time and May Change When Projects Are Presented for Approval

	<u>Base 2017 (approved)</u>	<u>2018 Yr 1</u>	<u>2019 Yr 2</u>	<u>2020 Yr 3</u>	<u>2021 Yr 4</u>	<u>2022 Yr 5</u>	<u>2023 Yr 6</u>	<u>2024 Yr 7</u>	<u>2025 Yr 8</u>	<u>2026 Yr 9</u>	<u>2027 Yr 10</u>	<u>10 YEAR OUTLOOK</u>
Repair & Replacement Requirement (Pg 13)	12,347,934	11,689,173	19,470,964	9,229,542	10,831,894	5,944,192	10,537,001	12,872,768	10,847,647	6,784,011	12,012,473	110,219,665
											Total including 2017	122,567,599
<u>FUNDING SOURCES - TAX BASED:</u>												
Repair & Replacement Reserve - Tax	(4,755,885)	(5,220,152)	(7,382,252)	(4,122,996)	(3,988,979)	(1,246,080)	(4,253,462)	(6,994,144)	(4,945,827)	(2,605,634)	(5,291,288)	(46,050,814)
Growth & New Reserve - Tax	-	(250,000)	-	(50,000)	-	-	-	-	-	-	-	(300,000)
Special Purposes Reserves * (see below)	(1,200,518)	(866,917)	(1,317,740)	(1,528,546)	(1,531,046)	(1,353,546)	(1,518,546)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(12,520,525)
Federal Gas Tax	(1,569,100)	(1,694,566)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(16,868,635)
Other External Funding	-	-	-	-	-	-	-	-	-	-	-	-
	(7,525,503)	(8,031,635)	(10,317,533)	(7,396,108)	(7,214,591)	(4,294,192)	(7,466,574)	(9,789,756)	(7,741,439)	(5,401,246)	(8,086,900)	(75,739,974)
<u>FUNDING SOURCES - RATES BASED:</u>												
Repair & Replacement Reserve - Rates:												
Water Project Funding	(2,080,900)	(1,028,570)	(2,567,399)	(510,238)	(1,744,597)	(500,000)	(1,200,000)	(1,514,731)	(1,858,231)	(504,998)	(2,344,288)	(13,773,052)
Waste Water Project Funding	(382,845)	(520,457)	(1,749,856)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(550,000)	(6,670,313)
Storm Water Project Funding	(2,358,686)	(2,108,511)	(4,836,176)	(773,196)	(1,322,706)	(600,000)	(1,320,427)	(1,018,281)	(697,977)	(327,767)	(1,031,285)	(14,036,326)
	(4,822,431)	(3,657,538)	(9,153,431)	(1,833,434)	(3,617,303)	(1,650,000)	(3,070,427)	(3,083,012)	(3,106,208)	(1,382,765)	(3,925,573)	(34,479,691)
TOTAL 'R & R' FUNDING SOURCES	(12,347,934)	(11,689,173)	(19,470,964)	(9,229,542)	(10,831,894)	(5,944,192)	(10,537,001)	(12,872,768)	(10,847,647)	(6,784,011)	(12,012,473)	(110,219,665)
											Total including 2017	122,567,599
<u>* Special Purposes Reserves & Other:</u>												
Building Department	-	-	-	-	-	-	-	-	-	-	-	-
Cash in Lieu of Parkland	(730,900)	(150,000)	(395,000)	(192,500)	(190,000)	(17,500)	(417,500)	-	-	-	-	(1,362,500)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	-	(1,180,000)
	(1,200,518)	(866,917)	(1,317,740)	(1,528,546)	(1,531,046)	(1,353,546)	(1,518,546)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(12,520,525)

ESTIMATED SOURCES OF FUNDING - GROWTH & NEW

The Sources of Funding Are Estimates at this Time and May Change When Projects Are Presented for Approval

	<u>Base 2017 (approved)</u>	<u>2018 Yr 1</u>	<u>2019 Yr 2</u>	<u>2020 Yr 3</u>	<u>2021 Yr 4</u>	<u>2022 Yr 5</u>	<u>2023 Yr 6</u>	<u>2024 Yr 7</u>	<u>2025 Yr 8</u>	<u>2026 Yr 9</u>	<u>2027 Yr 10</u>	<u>10 YEAR OUTLOOK</u>	
Growth & New Requirement (Pg 38)	15,656,702	27,084,611	61,746,500	13,727,270	3,967,350	1,629,000	3,496,000	333,550	6,479,110	196,000	136,000	118,795,391	
												Total including 2017	134,452,093
<u>'GROWTH & NEW' FUNDING SOURCES:</u>													
Growth & New Reserve	(1,106,539)	(6,972,780)	(5,912,800)	(1,734,365)	(110,942)	(106,300)	(63,000)	(60,255)	(98,000)	(48,000)	(48,000)	(15,154,442)	
Development Charges	(7,313,637)	(11,512,081)	(50,641,700)	(10,330,705)	(3,383,408)	(1,289,700)	(2,970,000)	(123,795)	(6,231,610)	-	-	(86,482,999)	
Special Purposes Reserves * (see below)	(2,063,076)	(348,500)	(957,000)	(224,200)	(373,000)	(133,000)	(363,000)	(49,500)	(49,500)	(48,000)	(48,000)	(2,593,700)	
Hydro Funds	(60,000)	(1,100,000)	(4,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	(5,940,000)	
External Funding (Newmarket for Fire)	(3,669,150)	(7,151,250)	-	-	-	-	-	-	-	-	-	(7,151,250)	
TOTAL GROWTH & NEW FUNDING	(15,656,702)	(27,084,611)	(61,746,500)	(13,727,270)	(3,967,350)	(1,629,000)	(3,496,000)	(333,550)	(6,479,110)	(196,000)	(136,000)	(118,795,391)	
												Total including 2017	134,452,093
* Special Purposes Reserves:													
Building Dept	(75,000)	-	-	-	-	-	-	-	-	-	-	-	
Tax Rate Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	
Cash in Lieu of Parkland	(1,413,076)	(348,500)	(957,000)	(224,200)	(373,000)	(133,000)	(363,000)	(49,500)	(49,500)	(48,000)	(48,000)	(2,593,700)	
Council Discretionary	-	-	-	-	-	-	-	-	-	-	-	-	
Landscape Fees	(575,000)	-	-	-	-	-	-	-	-	-	-	-	
	(2,063,076)	(348,500)	(957,000)	(224,200)	(373,000)	(133,000)	(363,000)	(49,500)	(49,500)	(48,000)	(48,000)	(2,593,700)	

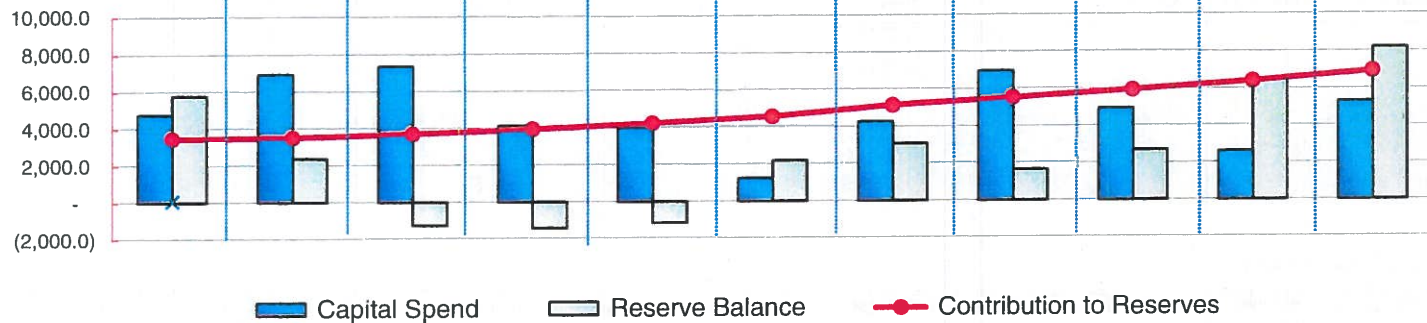
ESTIMATED SOURCES OF FUNDING - STUDIES & OTHER

The Sources of Funding Are Estimates at this Time and May Change When Projects Are Presented for Approval

	<u>Base 2017 (approved)</u>	<u>2018 Yr 1</u>	<u>2019 Yr 2</u>	<u>2020 Yr 3</u>	<u>2021 Yr 4</u>	<u>2022 Yr 5</u>	<u>2023 Yr 6</u>	<u>2024 Yr 7</u>	<u>2025 Yr 8</u>	<u>2026 Yr 9</u>	<u>2027 Yr 10</u>	<u>10 YEAR OUTLOOK</u>	
Studies & Other Requirement (Pg 50)	35,000	605,000	560,000	230,000	90,000	30,000	405,000	380,000	160,000	300,000	175,000	2,935,000	
												Total including 2017	2,970,000
<u>'STUDIES & OTHER' FUNDING SOURCES:</u>													
Studies & Other Reserve	(35,000)	(538,000)	(160,000)	(230,000)	(90,000)	(30,000)	(338,000)	(180,000)	(160,000)	(30,000)	(175,000)	(1,931,000)	
Development Charges	-	-	-	-	-	-	-	-	-	(270,000)	-	(270,000)	
Special Purposes Reserves * (see below)	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)	
External Grants	-	-	-	-	-	-	-	-	-	-	-	-	
Repair & Replacement Reserve - Tax	-	(34,000)	-	-	-	-	(34,000)	-	-	-	-	(68,000)	
Repair & Replacement Reserve - Rates	-	(33,000)	(300,000)	-	-	-	(33,000)	(100,000)	-	-	-	(466,000)	
TOTAL STUDIES & OTHER FUNDING	(35,000)	(605,000)	(560,000)	(230,000)	(90,000)	(30,000)	(405,000)	(380,000)	(160,000)	(300,000)	(175,000)	(2,935,000)	
												Total including 2017	(2,970,000)
<u>* Special Purposes Reserves:</u>													
Engineering Fees	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)	
Cash in Lieu of Parkland	-	-	-	-	-	-	-	-	-	-	-	-	
Landscape Reserve Fee	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	(100,000)	-	-	-	-	(100,000)	-	-	-	(200,000)	

RESERVE FORECAST & CASH FLOW - TOTAL TAX BASED R & R RESERVE

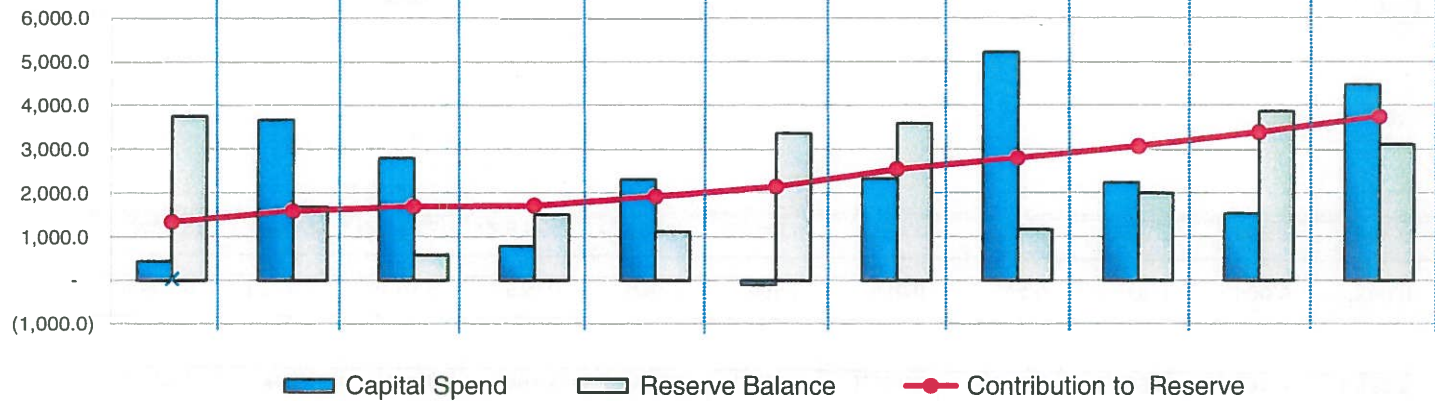
Shown in \$ 000's	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	7,047.0	5,780.6	2,378.0	(1,263.7)	(1,421.0)	(1,146.6)	2,203.3	3,099.3	1,674.0	2,703.1	6,529.1	Opening Bal 7,047.0
Reserve 'Revenue':												
Share of Cash to Capital	3,416.2	3,499.5	3,734.2	3,981.1	4,277.9	4,590.0	5,153.2	5,541.5	5,949.8	6,379.1	6,880.8	53,403.3
Reserve Balance Interest (@ 1.15%)	73.3	46.7	6.4	(15.4)	(14.7)	6.0	30.2	27.3	25.0	52.7	84.2	321.7
Total Revenue/Funding	3,489.5	3,546.2	3,740.6	3,965.7	4,263.2	4,596.0	5,183.4	5,568.8	5,974.8	6,431.8	6,965.0	53,725.0
Funding Requests:												
From R & R Reserves	4,755.9	6,948.7	7,382.3	4,123.0	3,989.0	1,246.1	4,287.5	6,994.1	4,945.8	2,605.6	5,291.3	52,569.3
Total Funding Requests	4,755.9	6,948.7	7,382.3	4,123.0	3,989.0	1,246.1	4,287.5	6,994.1	4,945.8	2,605.6	5,291.3	47,278.0
Closing R&R Reserve Balance	5,780.6	2,378.0	(1,263.7)	(1,421.0)	(1,146.6)	2,203.3	3,099.3	1,674.0	2,703.1	6,529.1	8,202.8	8,202.8
Made up of:												
Roads	3,751.6	1,684.1	585.5	1,507.7	1,116.7	3,360.0	3,582.0	1,164.4	2,001.9	3,857.0	3,116.7	3,116.7
Facilities	(460.2)	(734.7)	(2,264.5)	(2,530.4)	(2,091.5)	(1,340.4)	(339.4)	768.9	257.9	1,589.1	3,038.6	3,038.6
Information Technology	1,576.4	1,157.6	1,049.9	496.9	623.9	709.9	534.5	371.9	499.3	437.8	589.4	589.4
Fleet	1,494.1	1,139.9	832.5	486.8	584.8	735.1	372.6	137.2	379.0	695.0	1,192.8	1,192.8
Parks & Recreation	302.1	186.9	(370.0)	(330.6)	(234.9)	(219.1)	(119.5)	24.1	182.2	382.9	557.0	557.0
Council Discretionary	(883.4)	(1,055.8)	(1,097.0)	(1,051.3)	(1,145.6)	(1,042.2)	(930.9)	(792.6)	(617.2)	(432.7)	(291.7)	(291.7)
	5,780.6	2,378.0	(1,263.7)	(1,421.0)	(1,146.6)	2,203.3	3,099.3	1,674.0	2,703.1	6,529.1	8,202.8	8,202.8



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - ROADS

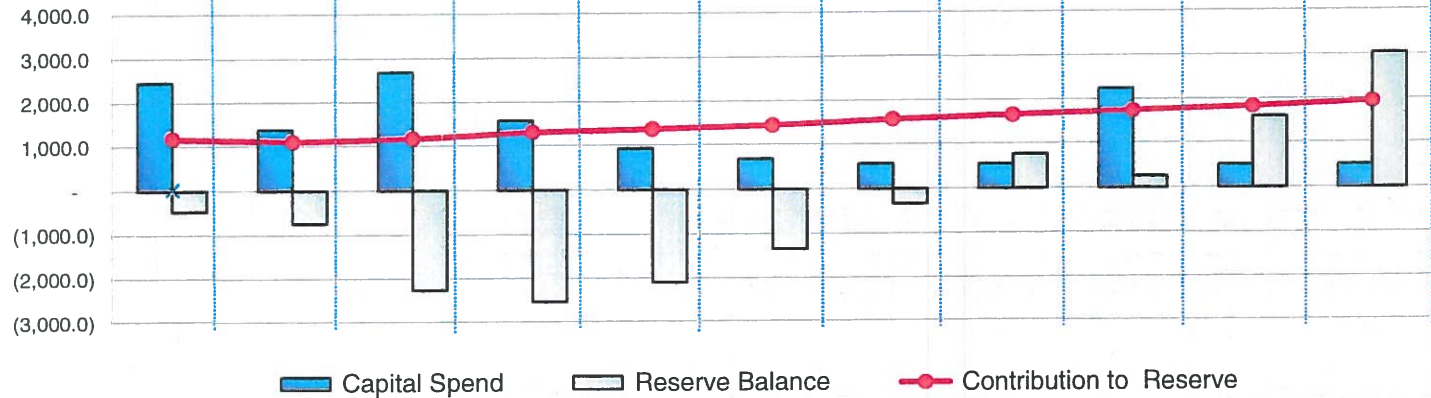
Shown in \$ 000's

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	2,847.8	3,751.6	1,684.1	585.5	1,507.7	1,116.7	3,360.0	3,582.0	1,164.4	2,001.9	3,857.0	2,847.8
Reserve 'Revenue':												
Share of Cash to Capital	1,307.3	1,562.0	1,683.7	1,701.3	1,905.8	2,120.8	2,508.9	2,776.4	3,057.7	3,353.5	3,699.2	25,676.6
Reserve Balance Interest (@ 1.15%)	37.7	31.1	12.9	12.0	15.0	25.6	39.6	27.1	18.0	33.4	39.7	292.1
Total Revenue/Funding	1,345.0	1,593.1	1,696.6	1,713.3	1,920.8	2,146.4	2,548.5	2,803.5	3,075.7	3,386.9	3,738.9	25,968.7
Funding Requests:												
Total Funding Requests	441.2	3,660.6	2,795.2	791.1	2,311.8	(96.9)	2,326.4	5,221.1	2,238.2	1,531.9	4,479.1	25,699.8
Closing R&R Reserve Balance	3,751.6	1,684.1	585.5	1,507.7	1,116.7	3,360.0	3,582.0	1,164.4	2,001.9	3,857.0	3,116.7	3,116.7



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FACILITIES

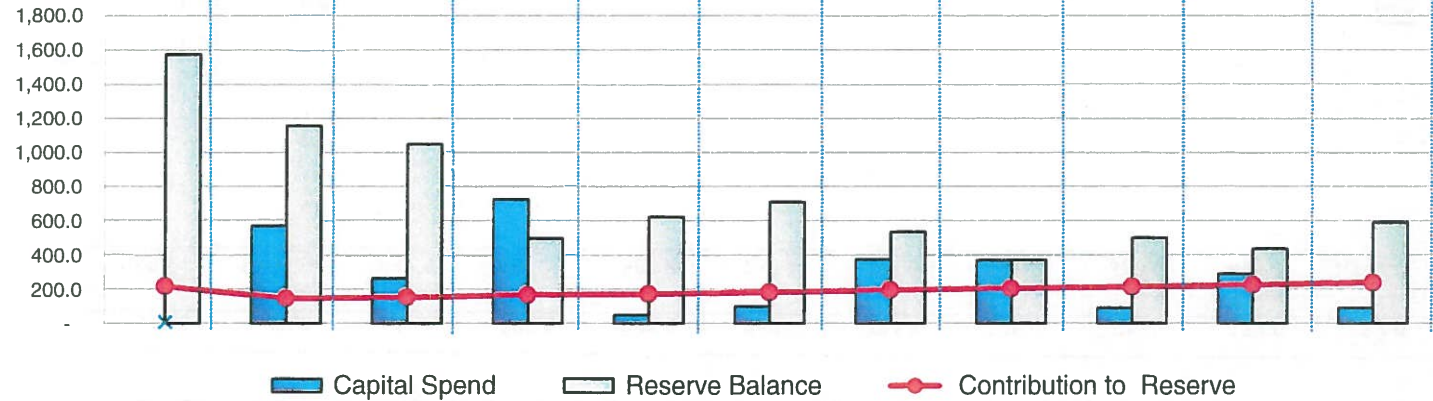
Shown in \$ 000's	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	831.6	(460.2)	(734.7)	(2,264.5)	(2,530.4)	(2,091.5)	(1,340.4)	(339.4)	768.9	257.9	1,589.1	831.6
Reserve 'Revenue':												
Share of Cash to Capital	1,171.1	1,106.9	1,181.1	1,331.5	1,392.0	1,455.7	1,570.6	1,649.8	1,733.1	1,820.6	1,923.0	16,335.4
Reserve Balance Interest (@ 1.15%)	2.1	(6.8)	(17.1)	(27.4)	(26.4)	(19.6)	(9.6)	2.5	5.9	10.6	26.5	(59.3)
Total Revenue/Funding	1,173.2	1,100.1	1,164.0	1,304.1	1,365.6	1,436.1	1,561.0	1,652.3	1,739.0	1,831.2	1,949.5	16,276.1
Funding Requests:												
Total Funding Requests	2,465.0	1,374.6	2,693.8	1,570.0	926.7	685.0	560.0	544.0	2,250.0	500.0	500.0	14,069.1
Closing R&R Reserve Balance	(460.2)	(734.7)	(2,264.5)	(2,530.4)	(2,091.5)	(1,340.4)	(339.4)	768.9	257.9	1,589.1	3,038.6	3,038.6



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FLEET

Shown in \$ 000's

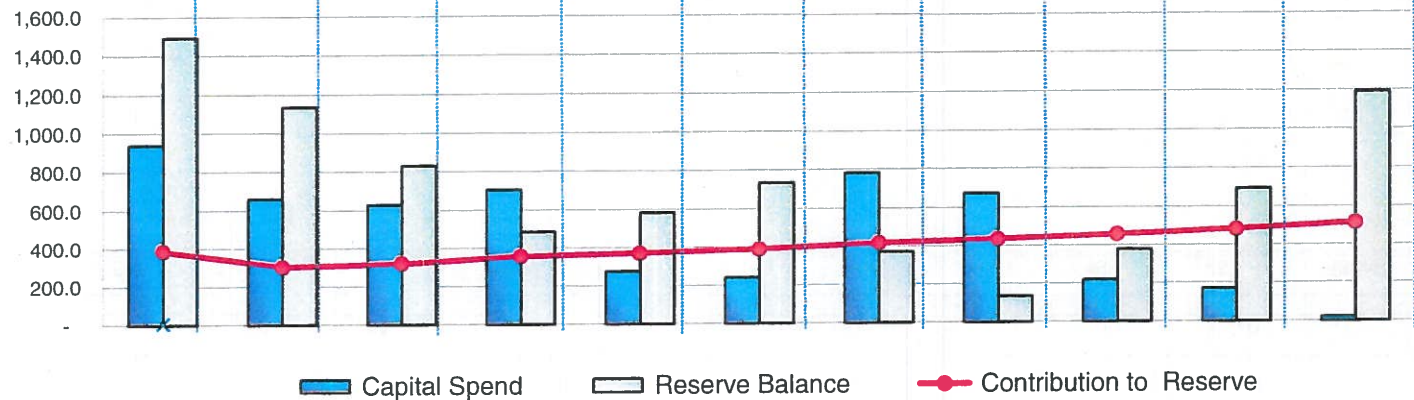
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	1,354.8	1,576.4	1,157.6	1,049.9	496.9	623.9	709.9	534.5	371.9	499.3	437.8	1,354.8
Reserve 'Revenue':												
Share of Cash to Capital	204.8	135.6	144.7	163.2	170.6	178.4	192.5	202.2	212.4	223.1	235.7	2,063.2
Reserve Balance Interest (@ 1.15%)	16.8	15.6	12.6	8.8	6.4	7.6	7.1	5.2	5.0	5.4	5.9	96.4
Total Revenue/Funding	221.6	151.2	157.3	172.0	177.0	186.0	199.6	207.4	217.4	228.5	241.6	2,159.6
Funding Requests:												
Total Funding Requests	-	570.0	265.0	725.0	50.0	100.0	375.0	370.0	90.0	290.0	90.0	2,925.0
Closing R&R Reserve Balance	1,576.4	1,157.6	1,049.9	496.9	623.9	709.9	534.5	371.9	499.3	437.8	589.4	589.4



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - PARKS & RECREATION

Shown in \$ 000's

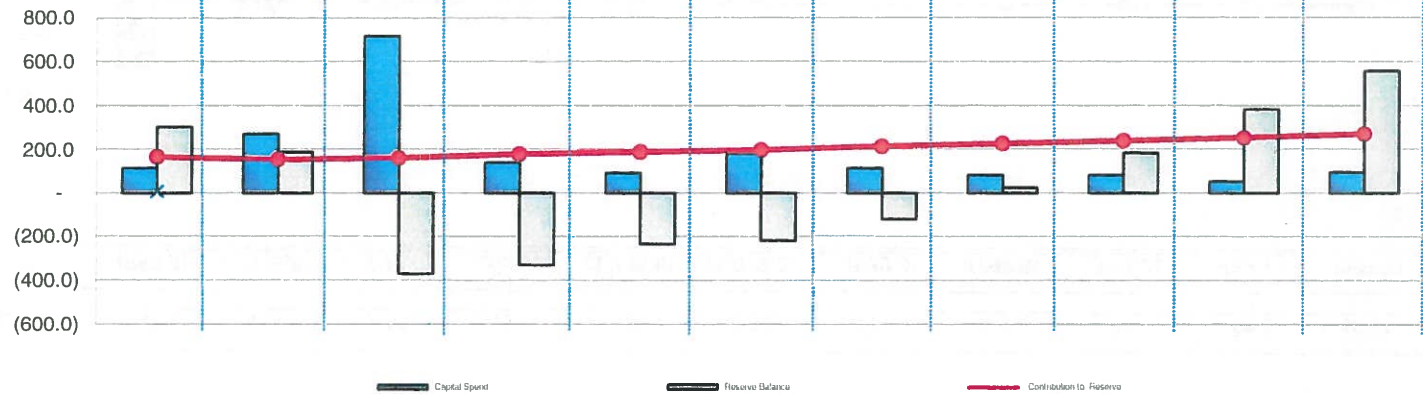
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	2,046.5	1,494.1	1,139.9	832.5	486.8	584.8	735.1	372.6	137.2	379.0	695.0	2,046.5
Reserve 'Revenue':												
Share of Cash to Capital	370.2	293.0	312.6	352.4	368.5	385.3	415.7	436.7	458.8	481.9	509.0	4,384.1
Reserve Balance Interest (@ 1.15%)	20.2	15.1	11.3	7.5	6.1	7.5	6.3	2.9	3.0	6.1	10.8	96.8
Total Revenue/Funding	390.4	308.1	323.9	359.9	374.6	392.8	422.0	439.6	461.8	488.0	519.8	4,480.9
Funding Requests:												
Total Funding Requests	942.9	662.3	631.3	705.6	276.6	242.5	784.5	675.0	220.0	172.0	22.0	5,334.6
Closing R&R Reserve Balance	1,494.1	1,139.9	832.5	486.8	584.8	735.1	372.6	137.2	379.0	695.0	1,192.8	1,192.8



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - INFORMATION TECHNOLOGY

Shown in \$ 000's

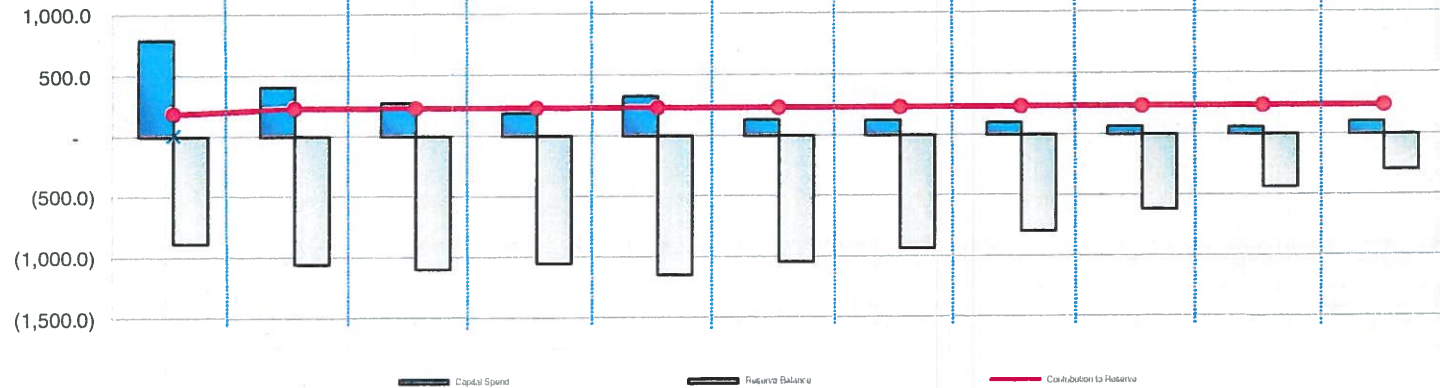
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	250.6	302.1	186.9	(370.0)	(330.6)	(234.9)	(219.1)	(119.5)	24.1	182.2	382.9	250.6
Reserve 'Revenue':												
Share of Cash to Capital	162.8	151.9	162.1	182.7	191.1	199.8	215.6	226.4	237.9	249.9	263.9	2,244.1
Reserve Balance Interest (@ 1.15%)	3.2	2.8	(1.0)	(4.0)	(3.2)	(2.6)	(1.9)	(0.5)	1.2	3.2	5.4	2.6
Total Revenue/Funding	166.0	154.7	161.1	178.7	187.9	197.2	213.7	225.9	239.1	253.1	269.3	2,246.7
Funding Requests:												
Total Funding Requests	114.5	269.9	718.1	139.3	92.2	181.3	114.1	82.3	81.1	52.3	95.2	1,940.3
Closing R&R Reserve Balance	302.1	186.9	(370.0)	(330.6)	(234.9)	(219.1)	(119.5)	24.1	182.2	382.9	557.0	557.0



RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - DISCRETIONARY

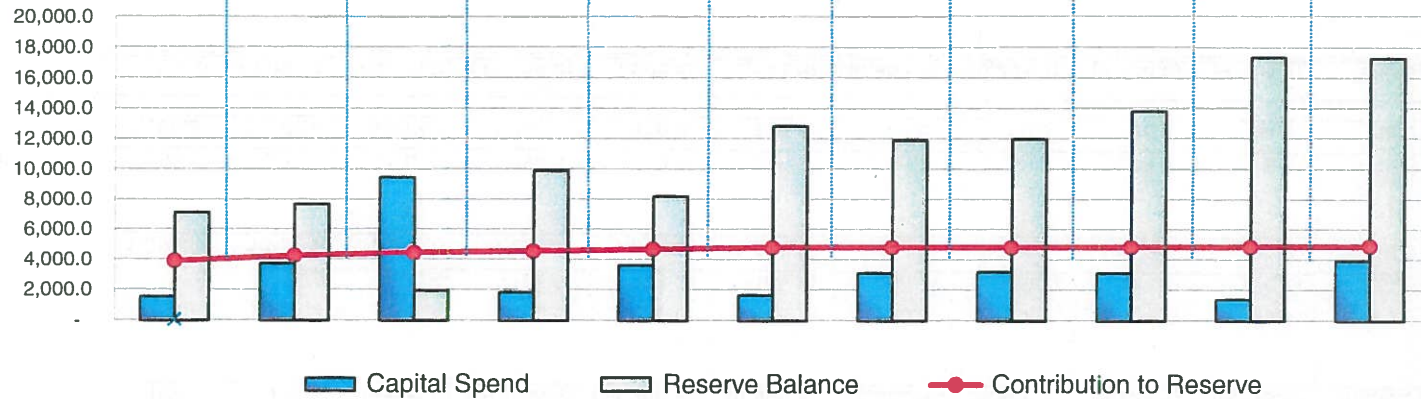
Shown in \$ 000's

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening R & R Reserve Balance	(284.3)	(883.4)	(1,055.8)	(1,097.0)	(1,051.3)	(1,145.6)	(1,042.2)	(930.9)	(792.6)	(617.2)	(432.7)	(284.3)
Reserve 'Revenue':												
Share of Cash to Capital	200.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	2,700.0
Reserve Balance Interest (@ 1.15%)	(6.7)	(11.1)	(12.3)	(12.3)	(12.6)	(12.5)	(11.3)	(9.9)	(8.1)	(6.0)	(4.1)	(106.9)
Total Revenue/Funding	193.3	238.9	237.7	237.7	237.4	237.5	238.7	240.1	241.9	244.0	245.9	2,593.1
Funding Requests:												
Accessibility Committee Projects (pg 16)	792.4	411.4	278.9	192.0	331.7	134.1	127.4	101.8	66.6	59.5	105.0	2,600.5
Closing R&R Reserve Balance	(883.4)	(1,055.8)	(1,097.0)	(1,051.3)	(1,145.6)	(1,042.2)	(930.9)	(792.6)	(617.2)	(432.7)	(291.7)	(291.7)



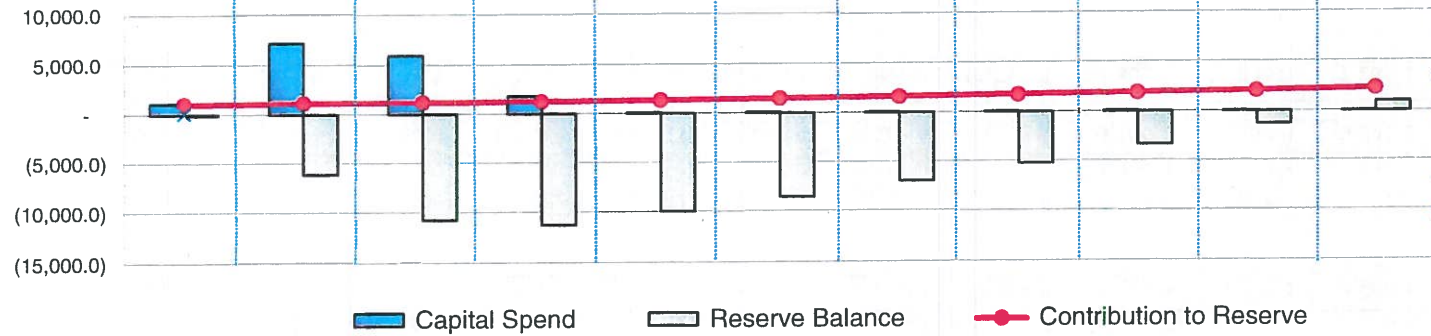
RESERVE FORECAST & CASH FLOW - RATE BASED RESERVE BALANCES

Shown in \$ 000's	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Water / Wastewater Reserve Balance	1,831.1	3,617.9	4,208.6	5,344.3	6,986.5	9,505.8	9,715.8	10,926.6	12,497.2	13,897.4	15,802.9	1,831.1
Storm Water Reserve Balance	2,882.9	3,481.0	2,706.3	1,779.7	136.3	163.0	462.4	(578.0)	(429.9)	(42.4)	503.8	2,882.9
Total "Rates" Reserve Balances	4,714.0	7,098.9	6,914.9	7,124.1	7,122.9	9,668.9	10,178.3	10,348.6	12,067.3	13,855.0	16,306.7	4,714.0
Reserve 'Revenue':												
NET From Water User Charges	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	18,700.0
NET From Wastewater User Charges	1,250.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	1,300.0	14,250.0
From Storm Water User Charges	900.0	1,200.0	1,400.0	1,500.0	1,600.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	1,700.0	16,800.0
Water / Wastewater Reserve Bal Int @ 1.15%	31.1	44.7	54.7	70.5	94.3	109.9	118.1	134.0	150.9	169.8	195.1	1,173.1
Storm Water Reserve Bal Int @ 1.15%	36.4	35.4	25.6	11.0	1.7	3.6	(0.7)	(5.8)	(2.7)	2.6	9.0	116.1
Total Revenue/Funding	3,917.5	4,280.1	4,480.3	4,581.5	4,696.0	4,813.5	4,817.4	4,828.2	4,848.2	4,872.4	4,904.1	51,039.2
Funding Requests:												
Water / Wastewater Funding Needs	1,194.3	2,454.0	1,919.0	1,428.3	575.0	2,899.9	1,907.3	1,563.4	1,750.7	1,264.3	677.8	17,634.0
Storm Water Funding Needs	338.3	2,010.1	2,352.2	3,154.4	1,575.0	1,404.2	2,739.8	1,546.0	1,309.8	1,156.4	1,146.2	18,732.4
Total Funding Requests	1,532.6	3,713.1	9,453.4	1,833.4	3,617.3	1,650.0	3,103.4	3,183.0	3,106.2	1,382.8	3,925.6	36,366.4
Ending R&R Reserve Balance	7,098.9	7,665.9	1,941.8	9,872.1	8,201.6	12,832.4	11,892.2	11,993.8	13,809.3	17,344.6	17,285.2	19,386.8



RESERVE FORECAST & CASH FLOW - GROWTH & NEW RESERVE

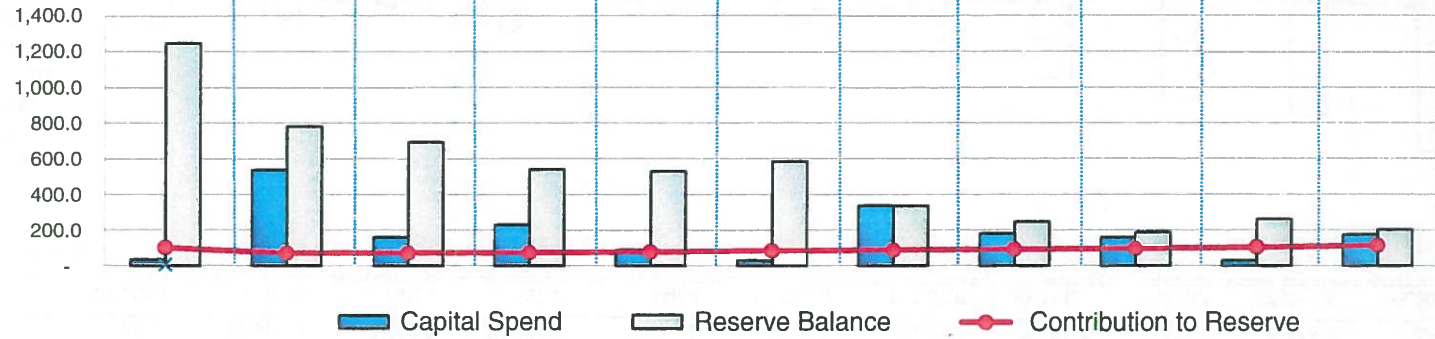
Shown in \$ 000's	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening G & N Reserve Balance	(82.1)	(93.5)	(6,093.4)	(10,765.2)	(11,254.8)	(9,966.5)	(8,552.9)	(6,968.3)	(5,231.1)	(3,373.6)	(1,298.9)	(82.1)
Opening Federal Gas Tax Reserve Balance	-	-	-	-	-	-	-	-	-	-	-	-
Total R & R Reserve Balance	(82.1)	(93.5)	(6,093.4)	(10,765.2)	(11,254.8)	(9,966.5)	(8,552.9)	(6,968.3)	(5,231.1)	(3,373.6)	(1,298.9)	(82.1)
Reserve 'Revenue':												
Share of Cash to Capital	1,096.2	1,258.3	1,337.4	1,420.6	1,520.6	1,625.7	1,736.3	1,867.2	2,004.7	2,149.4	2,318.4	18,334.8
Reserve Balance Interest (@ 1.15%)	(1.0)	(35.4)	(96.4)	(125.9)	(121.3)	(105.9)	(88.7)	(69.7)	(49.2)	(26.7)	(1.9)	(722.1)
Total Revenue/Funding	1,095.2	1,222.9	1,241.0	1,294.7	1,399.3	1,519.8	1,647.6	1,797.5	1,955.5	2,122.7	2,316.5	17,612.7
Funding Requests:												
From G & N Reserve Only (page 49)	1,106.5	7,222.8	5,912.8	1,784.4	110.9	106.3	63.0	60.3	98.0	48.0	48.0	16,561.0
Total Funding Requests	1,106.5	7,222.8	5,912.8	1,784.4	110.9	106.3	63.0	60.3	98.0	48.0	48.0	16,561.0
Ending R&R Reserve Balance	(93.5)	(6,093.4)	(10,765.2)	(11,254.8)	(9,966.5)	(8,552.9)	(6,968.3)	(5,231.1)	(3,373.6)	(1,298.9)	969.6	969.6



RESERVE FORECAST & CASH FLOW - STUDIES & OTHER RESERVE

Shown in \$ 000's

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	11 Year TOTAL
Opening S & O Reserve Balance	1,178.0	1,247.4	781.6	694.5	540.0	529.4	584.2	335.1	248.4	187.5	263.7	1,178.0
Total R & R Reserve Balance	1,178.0	1,247.4	781.6	694.5	540.0	529.4	584.2	335.1	248.4	187.5	263.7	1,178.0
Reserve 'Revenue':												
Share of Cash to Capital	90.5	60.6	64.5	68.5	73.3	78.3	83.7	90.0	96.6	103.6	111.7	921.3
Reserve Balance Interest (@ 1.15%)	13.9	11.6	8.4	7.1	6.1	6.4	5.3	3.3	2.5	2.6	2.7	69.9
Total Revenue/Funding	104.4	72.2	72.9	75.6	79.4	84.7	89.0	93.3	99.1	106.2	114.4	991.2
Funding Requests:												
From S & O Reserve Only (page 49)	35.0	538.0	160.0	230.0	90.0	30.0	338.0	180.0	160.0	30.0	175.0	1,966.0
Total Funding Requests	35.0	538.0	160.0	230.0	90.0	30.0	338.0	180.0	160.0	30.0	175.0	1,966.0
Ending R&R Reserve Balance	1,247.4	781.6	694.5	540.0	529.4	584.2	335.1	248.4	187.5	263.7	203.2	203.2



TOTAL

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Project Total
Opening Balance	15,832.2	15,740.9	14,504.8	(22,968.0)	(30,971.2)	(20,769.7)	(5,006.3)	4,929.7	15,423.8	16,380.9	26,769.2	15,832.2
Reserve 'Revenue':												
Contribution from Developers*	9,486.7	11,086.7	14,186.7	4,786.7	14,686.7	18,000.0	13,700.0	11,000.0	7,500.0	10,900.0	13,100.0	128,433.7
Reserve Balance Interest (@ 1.15%)	180.5	172.9	(48.4)	(308.4)	(295.8)	(147.4)	(0.4)	116.4	181.8	246.7	380.4	478.3
Total Revenue	9,667.2	11,259.7	14,138.4	4,478.4	14,390.9	17,852.6	13,699.6	11,116.4	7,681.8	11,146.7	13,480.4	128,912.0
Funding Requests:												
Capital Requirement	8,757.9	11,512.1	50,776.7	11,668.7	3,383.4	1,289.7	2,970.0	123.8	6,231.6	270.0	-	96,983.9
Operating Requirement	1,000.6	983.7	834.5	812.9	806.0	799.5	793.5	498.4	493.2	488.3	483.8	7,994.4
Developer DC Credible Work	-	-	-	-	-	-	-	-	-	-	-	-
Total Requirements	9,758.5	12,495.7	51,611.2	12,481.6	4,189.4	2,089.2	3,763.5	622.2	6,724.8	758.3	483.8	104,978.4
Ending R&R Reserve Balance	15,740.9	14,504.8	(22,968.0)	(30,971.2)	(20,769.7)	(5,006.3)	4,929.7	15,423.8	16,380.9	26,769.2	39,765.8	39,765.8

* New DC Study and rate update will occur for April, 2019.

