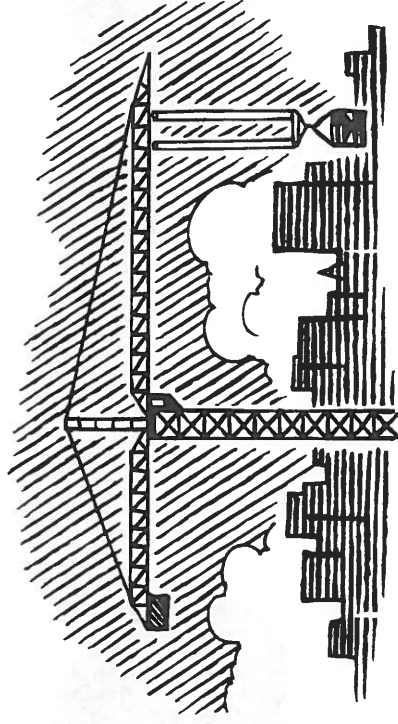


10 YEAR CAPITAL INVESTMENT PLAN
2016 Budget and 10 Year Outlook (2017 to 2026)

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 2016 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.

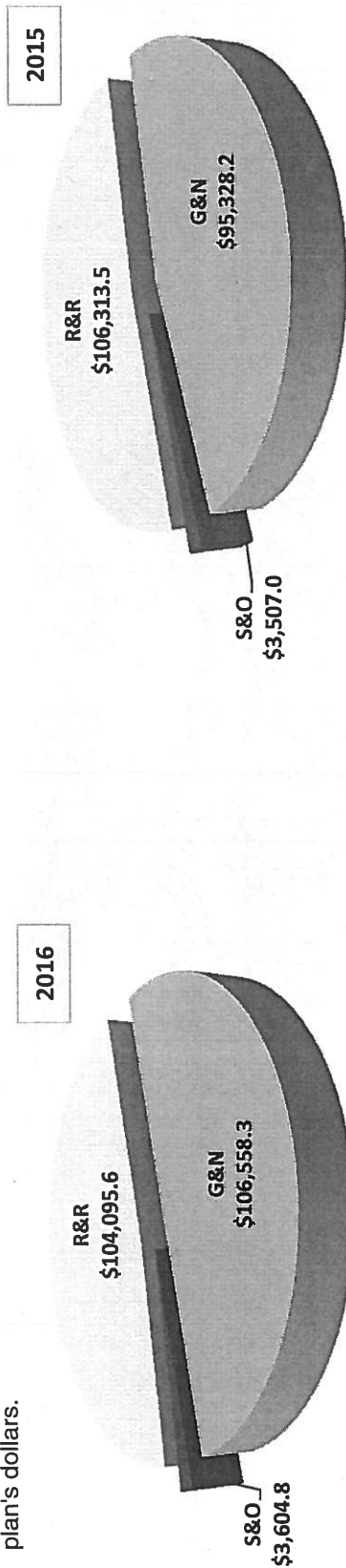
Other than library facilities, the document does not include any Library Board projects.

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

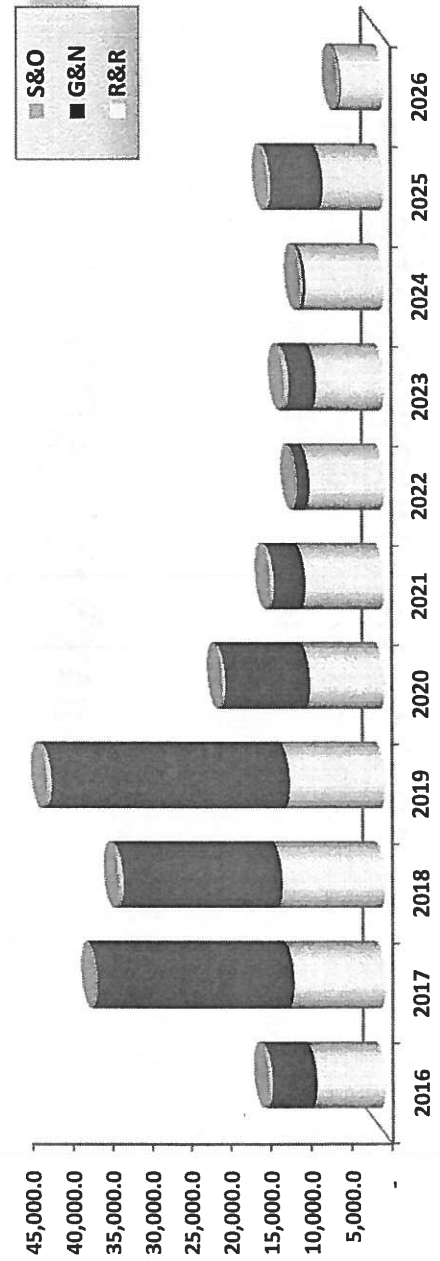
INTRODUCTION

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 2016 10 Year Capital Investment Plan (total of 11 years - 2016 to 2026) identifies 289 projects with a total capital expenditure of \$214,258,660. Of this, 175 projects relate to Repair and/or Replacement ('R&R') of existing infrastructure representing \$104,095,570 or 48.6% of the total plan's dollars; 93 projects relate to Growth Related or New Assets ('G&N'), representing \$106,558,260 or 49.7% of the total plan's dollars; and 21 projects relate to Studies and Other projects ('S&O'), representing \$3,604,830 or 1.7% of the total plan's dollars.



The expenditures are not spread equally over the 11 year period, with major G&N projects in 2017, 2018 and 2019 influencing the phasing:

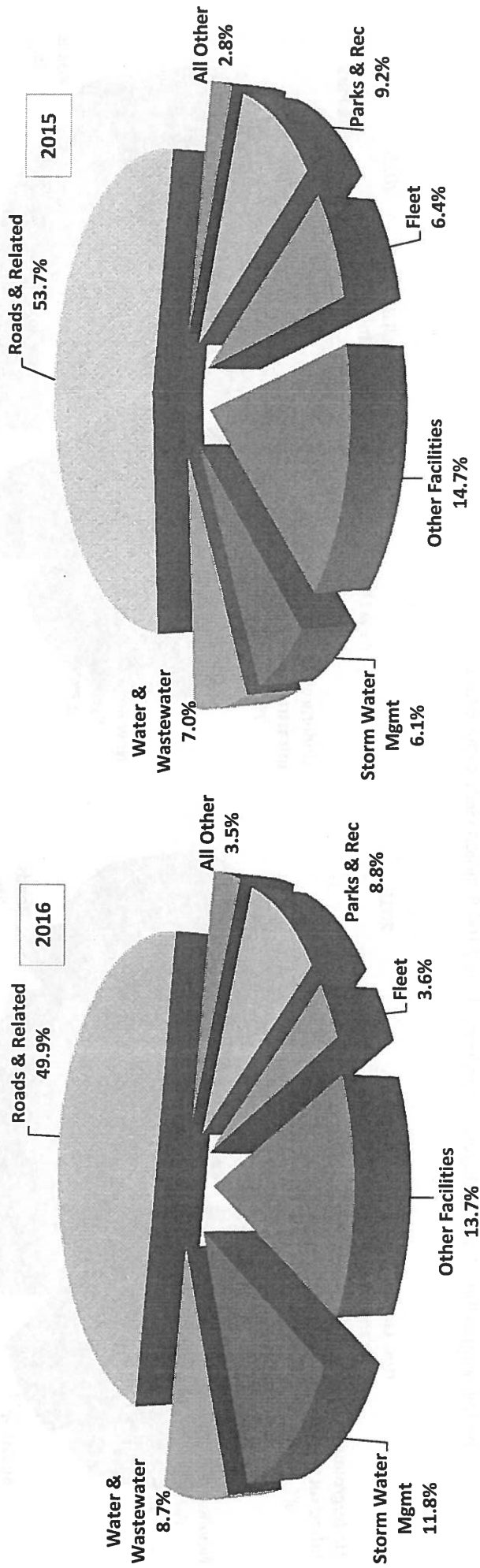


TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

R & R PROJECTS

As one would expect Repair and Replacement (R & R) projects represent the greatest proportion of the Town's planned investment representing 50% of the total plan.

The following is the 11 year category breakdown of the \$104.1 million R&R expenditure:



TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

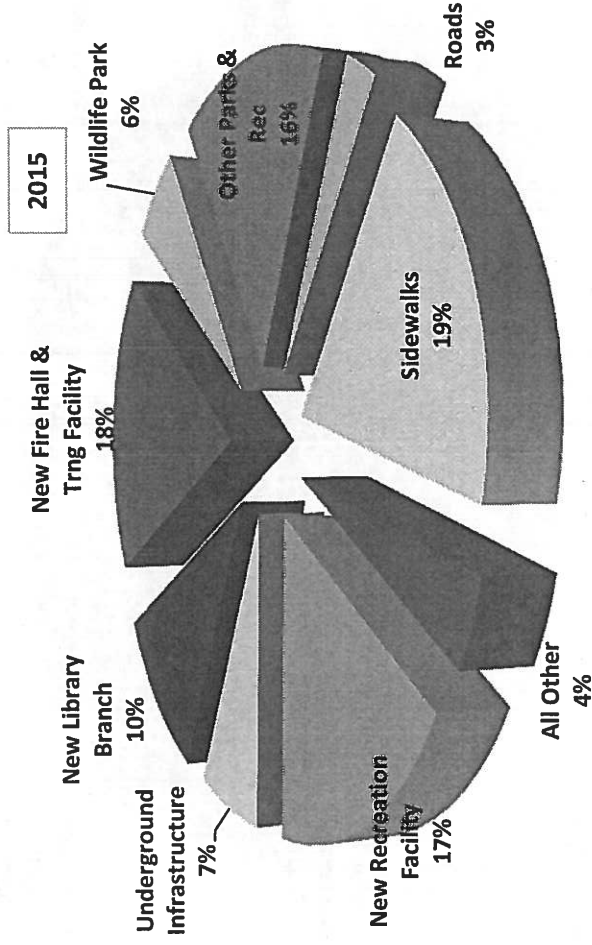
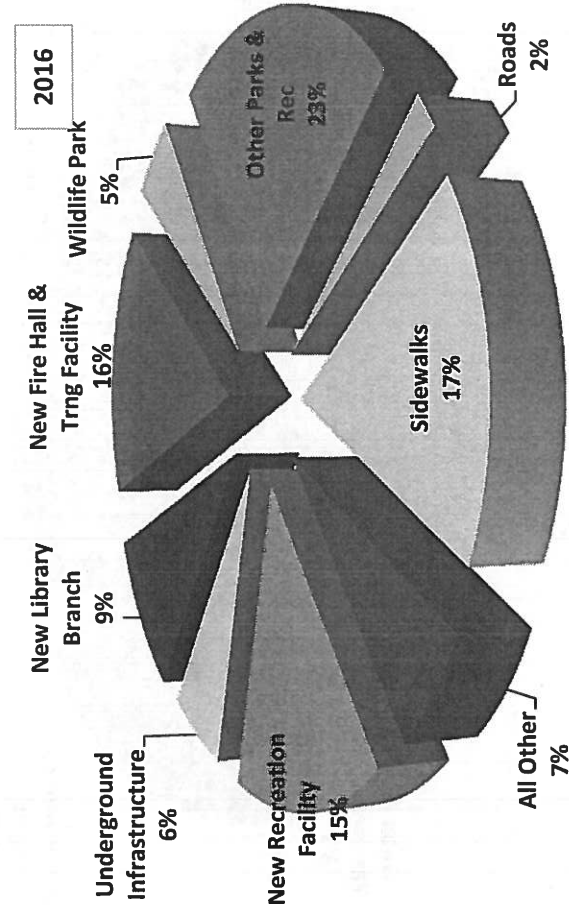
G & N PROJECTS

There are a number of significant new projects identified throughout the 11 years of the Long Term Capital Investment Plan. These include \$15,250,000 for the design and construction of a new recreation facility (a three year project beginning in 2019), a \$9,500,000 3 year project beginning in 2018 for the design and construction of a new library, and \$ 16,065,000 for the construction of a new fire hall and fire training facility commencing in 2017. *These estimates presently reflect the values as they were captured and funded within the Town's 2013 DC Study.*

These estimates may be subject to change as the requirements and designs for these above noted facilities are finalized.

In addition to these specific large projects there are 19 new sidewalk projects totalling \$17,356,900; and 34 Parks & Recreation projects, including new trails, multiple new parks including a wild life park, new court facilities, additional artificial turf, an artificial rink and multiple pedestrian crossings associated with the Trail Network, all totalling \$33,859,882.

The following is the 11 year category breakdown of the \$106.6 million G&N expenditure:



TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

S & O PROJECTS

Over the 11 years of the Long Term Capital Investment Plan there are 21 projects totalling \$3,604,830. These include an update of the Town's Strategic Plan (2019); an update of the Development Charges Background Study (2018); an I.T. Strategic Plan (2020); 3 Official Plan Reviews (2016, 2021 & 2026), along with a series of growth related planning studies. 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 \$3,604,830 is anticipated to be spread as follows:

Administration	\$ 255.0	7.1%
Planning	1,180.0	32.7%
I.E.S.	1,974.8	54.8%
Corporate Services	195.0	5.4%
Parks Recreation & Culture	-	0.0%
	<u>\$ 3,604.8</u>	

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

MAJOR PROJECT FUNDING

As mentioned above, there are major NEW projects that tend to smooth out the values in the funding model - they are:

	New Rec Facility	New Library Branch	New Fire Hall / Irng.Facility	TOTAL
Funding from Development Charges	13,725.0	8,550.0	6,158.6	28,433.6
Funding from Town of Newmarket	-	-	9,906.4	9,906.4
Funding from Growth & New Reserve	1,525.0	950.0	-	2,475.0
	15,250.0	9,500.0	16,065.0	40,815.0

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 the 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 0.60% for the 2016 fiscal year dropping to 0.50% for remaining period of this plan (2017 to 2026).

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

<u>2016</u>	<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>
0.60%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%

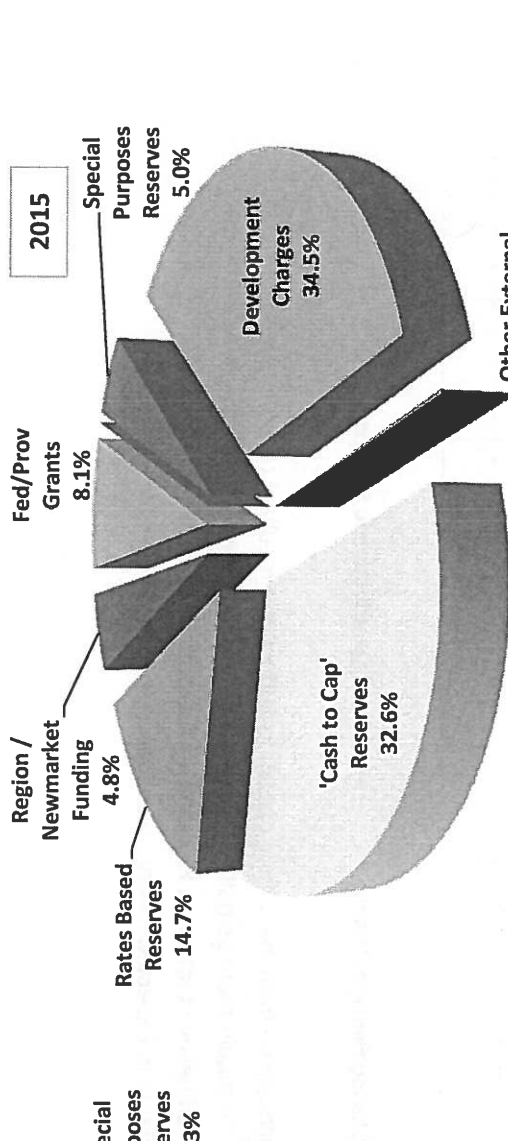
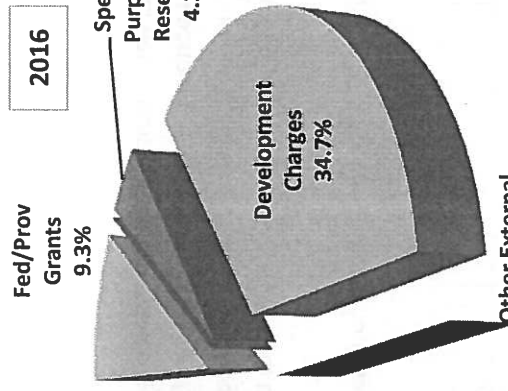
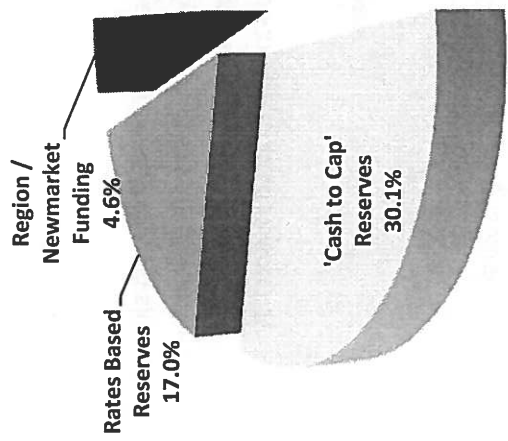
It should be noted that in addition to internal sources, capital funding sources also include government grants (Federal Gas Tax, the federal government's "Action Plan", Ontario Community Infrastructure Fund (OCIF) being examples), Development Charges, and certain Planning and Engineering Fees charged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

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

FUNDING and RESERVES (continued)

In this 2016 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>2016</u>	<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>TOTAL</u>
Total Capital Funding	14,379.8	36,227.5	33,359.8	42,363.8	20,140.5	14,109.0	10,862.5	12,369.5	10,374.2	14,322.6	5,749.4	214,258.7
External Sources	(7,972.6)	(30,722.1)	(23,553.0)	(34,194.7)	(13,494.1)	(10,741.7)	(8,293.5)	(8,930.7)	(5,369.0)	(10,178.2)	(2,194.0)	(155,643.5)
From 'Cash to Cap' Reserves	6,407.1	5,505.5	9,806.9	8,169.1	6,646.5	3,367.3	2,569.0	3,438.8	5,005.2	4,144.4	3,555.4	58,615.2



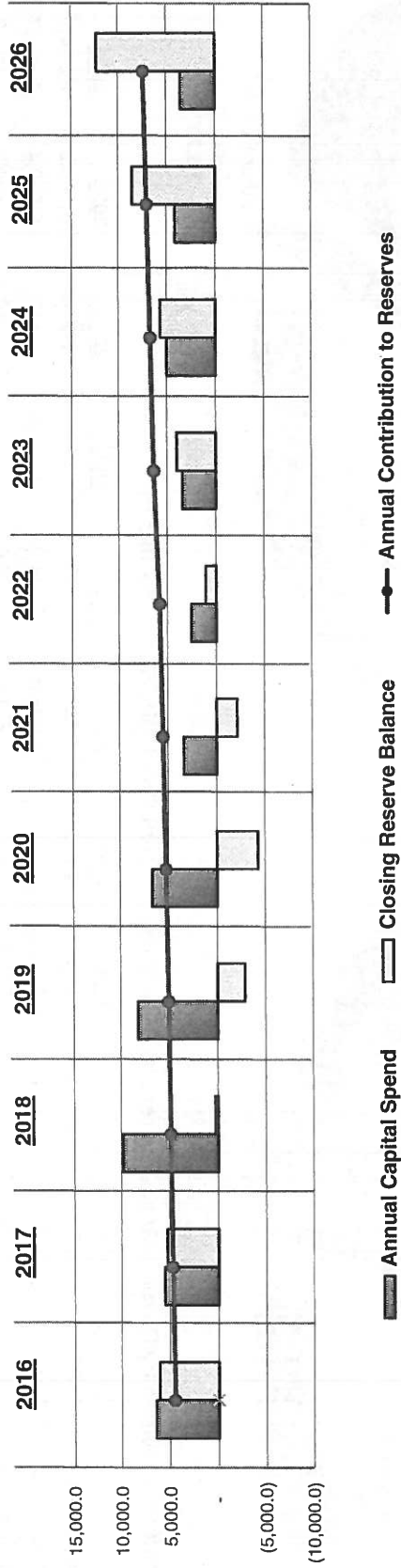
Using the "buffer" provided by Reserve Accounts results in Reserve Account Continuity that looks like this:

	<u>2016</u>	<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>TOTAL</u>
Opening Reserve Value	8,007.7	6,065.0	5,246.5	299.1	(2,842.4)	(4,253.7)	(2,129.3)	1,094.6	4,001.2	5,658.3	8,504.0	8,007.7
+ Cash to Capital	3,977.2	4,359.7	4,602.8	4,818.1	5,046.5	5,288.0	5,539.2	6,035.6	6,307.5	6,590.4	6,884.7	59,449.7
+ % of Prior Tax Levy	382.5	243.1	215.3	228.4	241.5	251.2	261.4	271.9	282.9	294.3	306.2	2,978.7
+ Interest on Reserve Bal	104.8	84.2	41.3	(18.9)	(52.8)	(47.5)	(7.7)	37.9	71.9	105.4	154.8	473.4
Minus Capital Spend	(6,407.1)	(5,505.5)	(9,806.9)	(8,169.1)	(6,646.5)	(3,367.3)	(2,569.0)	(3,438.8)	(5,005.2)	(4,144.4)	(3,555.4)	(58,615.2)
Closing Reserve Value	6,065.0	5,246.5	299.1	(2,842.4)	(4,253.7)	(2,129.3)	1,094.6	4,001.2	5,658.3	8,504.0	12,294.3	12,294.3

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

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

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 based upon the defined benchmark of two times the ten year average funding requirement. 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 - 2016 to 2026
SUMMARY OF ANNUAL CAPITAL SPEND REQUESTS

Pg Ref	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	10 YEAR OUTLOOK	
REPAIR and REPLACEMENT PROJECTS													
15	100.0	-	100.0	600.0	-	-	-	-	-	-	-	700.0	
17	509.5	294.9	243.1	269.3	227.2	321.3	259.1	232.3	231.1	202.3	95.2	2,375.8	
18	3,673.2	3,998.2	5,504.2	4,940.1	4,441.7	5,717.7	6,375.3	4,005.2	6,419.6	2,947.2	3,892.2	48,241.3	
25	540.0	1,560.0	500.0	1,000.0	300.0	1,000.0	300.0	1,000.0	300.0	1,000.0	-	6,960.0	
26	30.0	210.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	1,560.0	
27	-	775.0	1,555.0	3,000.0	1,500.0	1,025.0	1,000.0	1,000.0	1,025.0	1,000.0	400.0	12,280.0	
28	1,575.8	1,403.5	1,602.3	766.3	881.6	706.9	490.0	1,052.0	625.0	20.0	22.0	7,569.5	
31	1,613.0	2,670.0	2,557.3	842.2	1,071.3	866.7	625.0	650.0	634.0	2,250.0	500.0	12,666.5	
36	516.0	405.0	515.0	265.0	725.0	50.0	100.0	375.0	370.0	90.0	290.0	3,185.0	
	-	-	-	-	-	-	-	-	-	-	-	-	
	8,557.5	11,316.6	12,726.8	11,832.9	9,296.8	9,837.7	9,299.5	8,464.5	9,754.6	7,659.5	5,349.4	95,538.1	
												Total including 2016	104,095.6

GROWTH and NEW PROJECTS

44	226.0	100.0	260.0	100.0	10.0	-	-	-	-	-	-	470.0	
45	60.0	16,065.0	175.0	-	-	-	-	-	-	-	-	16,240.0	
46	2,275.7	4,261.0	2,768.0	4,000.9	5,426.8	371.4	303.0	-	194.6	5,768.1	-	23,093.8	
47	2,102.9	3,195.0	11,740.0	5,450.0	2,862.0	3,350.0	1,080.0	3,250.0	115.0	615.0	100.0	31,757.0	
49	172.5	1,160.0	3,115.0	19,600.0	2,085.0	-	-	-	-	-	-	25,960.0	
49	310.4	20.0	675.0	70.0	150.0	150.0	150.0	150.0	-	-	-	1,365.0	
50	300.0	75.0	1,370.0	780.0	-	-	-	-	-	-	-	2,225.0	
	5,447.5	24,876.0	20,103.0	30,000.9	10,533.8	3,871.4	1,533.0	3,400.0	309.6	6,383.1	100.0	101,110.8	
												Total including 2016	106,558.3

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

SUMMARY OF ANNUAL CAPITAL SPEND REQUESTS - continued

	2016 (Approved)	10 YEAR OUTLOOK									
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
STUDIES and OTHER PROJECTS											
Financial Services	54	-	125.0	-	-	-	130.0	-	-	-	255.0
Corporate Services	-	35.0	-	80.0	-	-	-	-	80.0	-	195.0
Planning & Building Services	55	-	30.0	80.0	30.0	300.0	30.0	-	110.0	-	880.0
I.E.S.	56	74.8	375.0	450.0	200.0	100.0	-	375.0	200.0	200.0	1,900.0
		374.8	530.0	530.0	310.0	400.0	30.0	505.0	310.0	280.0	3,230.0

Total including 2016 3,604.8

TOTAL FUNDING REQUIREMENT

	Share	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	10 YEAR OUTLOOK
Administration	0.0%	-	-	-	-	-	-	-	-	-	-	-
Financial Services	0.5%	100.0	225.0	600.0	-	-	-	130.0	-	-	-	955.0
Corporate Services	1.5%	735.5	429.9	503.1	369.3	317.2	259.1	232.3	231.1	282.3	95.2	3,040.8
Fire & Emergency	8.1%	60.0	16,065.0	175.0	-	-	-	-	-	-	-	16,240.0
Planning & Building Services	1.6%	600.0	75.0	1,400.0	860.0	30.0	300.0	-	110.0	-	300.0	3,105.0
Total I.E.S.	47.0%	6,593.7	10,804.2	13,541.0	12,018.4	8,364.1	8,128.3	6,530.2	8,289.2	11,065.3	4,442.2	94,035.1
Parks, Recreation & Cultural Services	19.7%	3,678.7	4,598.5	13,342.3	6,216.3	4,056.9	1,570.0	4,302.0	740.0	635.0	122.0	39,326.5
Facilities	19.3%	1,785.5	3,830.0	5,672.3	20,442.2	3,156.3	866.7	625.0	634.0	2,250.0	500.0	38,626.5
Fleet	2.3%	826.4	425.0	1,190.0	335.0	875.0	200.0	250.0	370.0	90.0	290.0	4,550.0
		14,379.8	33,359.8	42,363.8	20,140.5	14,109.0	10,862.5	12,369.5	10,374.2	14,322.6	5,749.4	199,878.9

Total including 2016 214,258.7

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026

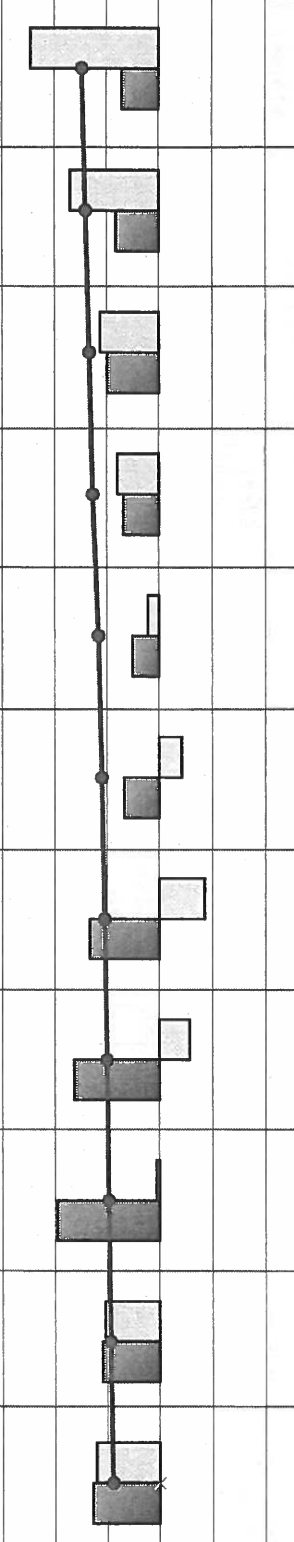
SOURCES OF FUNDING

Base 2016 (approved)	10 YEAR OUTLOOK												
	2017 Yr 1	2018 Yr 2	2019 Yr 3	2020 Yr 4	2021 Yr 5	2022 Yr 6	2023 Yr 7	2024 Yr 8	2025 Yr 9	2026 Yr 10			
Total Capital Needs:													
Repair & Replacement	8,557.5	11,316.6	11,832.9	9,296.8	9,837.7	9,299.5	8,464.5	9,754.6	7,659.5	5,349.4	95,538.1		
Growth & New	5,447.5	24,876.0	30,000.9	10,533.8	3,871.4	1,533.0	3,400.0	309.6	6,383.1	100.0	101,110.8		
Studies & Other	374.8	35.0	530.0	310.0	400.0	30.0	505.0	310.0	280.0	300.0	3,230.0		
TOTAL CAPITAL NEEDS	14,379.8	36,227.5	42,363.8	20,140.5	14,109.0	10,862.5	12,369.5	10,374.2	14,322.6	5,749.4	199,878.9		
											Total including 2016	214,258.7	
CONSOLIDATED FUNDING SOURCES:													
R & R Reserve - Tax	(5,472.7)	(4,178.9)	(4,324.6)	(4,740.1)	(3,174.4)	(2,470.7)	(3,175.8)	(4,864.9)	(3,309.6)	(3,525.4)	(39,562.3)		
Growth & New Reserve	(879.6)	(1,291.5)	(3,714.5)	(1,668.4)	(62.9)	(68.3)	(25.0)	(30.3)	(626.8)	-	(11,229.3)		
Studies & Other Reserve	(54.8)	(35.0)	(130.0)	(238.0)	(130.0)	(30.0)	(238.0)	(110.0)	(208.0)	(30.0)	(1,416.5)		
Cash to Capital Sourced	(6,407.1)	(5,505.5)	(8,169.1)	(6,646.5)	(3,367.3)	(2,569.0)	(3,438.8)	(5,005.2)	(4,144.4)	(3,555.4)	(52,208.0)		
R & R Reserve - Rates	(1,532.6)	(4,524.1)	(6,682.7)	(3,250.0)	(4,404.1)	(4,747.1)	(3,209.5)	(3,160.5)	(2,520.7)	(1,924.0)	(40,793.8)		
Development Charges	(3,262.9)	(11,984.8)	(23,811.4)	(7,661.2)	(3,653.4)	(1,289.7)	(3,087.0)	(177.8)	(5,726.8)	(270.0)	(71,081.4)		
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-		
Special Purposes Reserves * (see	(2,312.1)	(2,038.2)	(2,006.0)	(888.3)	(989.6)	(562.1)	(939.6)	(336.1)	(236.1)	-	(10,840.6)		
Federal / Provincial Grants	(865.0)	(1,569.1)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	(1,694.6)	-	(15,048.6)		
External Gov't Funding	-	(9,799.7)	(106.8)	-	-	-	-	-	-	-	(9,906.4)		
Other External Funding	-	-	-	-	-	-	-	-	-	-	-		
TOTAL FUNDING SOURCES	(14,379.8)	(36,227.5)	(42,363.8)	(20,140.5)	(14,109.0)	(10,862.5)	(12,369.5)	(10,374.2)	(14,322.6)	(5,749.4)	(199,878.9)		
												Total including 2016	(214,258.7)
* Special Purposes Reserves:													
Engineering Fees	-	-	(100.0)	-	-	-	-	(100.0)	-	-	(200.0)		
Building Services	(255.0)	(75.0)	-	-	-	-	-	-	-	-	(75.0)		
Cash in Lieu of Parkland	(1,442.5)	(1,477.5)	(570.0)	(418.7)	(515.0)	(92.5)	(705.0)	(1.5)	(1.5)	-	(4,897.2)		
Council Discretionary Res	(130.0)	-	-	-	-	-	-	-	-	-	-		
Parks Master Plan	-	-	-	-	-	-	-	-	-	-	-		
EAB Reserve	(235.0)	(235.0)	(235.0)	(235.0)	(240.0)	(235.0)	-	-	-	-	(1,415.0)		
Accessibility Committee	(234.6)	(481.9)	(687.7)	(234.6)	(234.6)	(234.6)	(234.6)	(234.6)	(234.6)	-	(3,678.4)		
Council Discretionary Reserv	(15.0)	-	-	-	-	-	-	-	-	-	-		
Landscape Fees	-	(575.0)	-	-	-	-	-	-	-	-	(575.0)		
	(2,312.1)	(2,038.2)	(2,006.0)	(888.3)	(989.6)	(562.1)	(939.6)	(336.1)	(236.1)	-	(10,840.6)		

TEN YEAR CAPITAL INVESTMENT PLAN - 2016 to 2026
TAX FUNDED RESERVE BALANCE CONTINUITY / CASH FLOW

	<u>2016</u>	<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>
Opening Reserve Balances:											
R & R Reserves - Tax	6,832.2	4,830.3	4,134.3	1,960.5	1,412.2	620.6	1,585.6	3,472.7	5,105.3	5,291.7	7,271.5
Growth & New Reserve	576.6	560.3	371.8	(2,238.6)	(4,809.0)	(5,301.2)	(4,126.0)	(2,878.9)	(1,507.4)	(56.0)	883.3
Studies & Other Reserve	598.8	674.4	740.4	577.2	554.4	427.0	411.2	500.8	403.3	422.6	349.1
Opening Reserve Balances Reserve 'Revenue':	8,007.7	6,065.0	5,246.5	299.1	(2,842.4)	(4,253.7)	(2,129.3)	1,094.6	4,001.2	5,658.3	8,504.0
+ Cash to Capital (Base)	3,977.2	4,359.7	4,602.8	4,818.1	5,046.5	5,288.0	5,539.2	6,035.6	6,307.5	6,590.4	6,884.7
+ % of Prior Tax Levy	382.5	243.1	215.3	228.4	241.5	251.2	261.4	271.9	282.9	294.3	306.2
Total from Operating Budget	4,359.7	4,602.8	4,818.1	5,046.5	5,288.0	5,539.2	5,800.6	6,307.5	6,590.4	6,884.7	7,190.9
Reserve Balance Interest	104.8	84.2	41.3	(18.9)	(52.8)	(47.5)	(7.7)	37.9	71.9	105.4	154.8
Total Revenue/Funding	4,464.5	4,687.0	4,859.4	5,027.6	5,235.2	5,491.7	5,792.9	6,345.4	6,662.3	6,990.1	7,345.7
Annual Capital Spend:											
R & R Reserve - Tax	5,472.7	4,178.9	5,797.9	4,324.6	4,740.1	3,174.4	2,470.7	3,175.8	4,864.9	3,309.6	3,525.4
Growth & New Reserve	879.6	1,291.5	3,741.5	3,714.5	1,668.4	62.9	68.3	25.0	30.3	626.8	-
Studies & Other Reserve	54.8	35.0	267.5	130.0	238.0	130.0	30.0	238.0	110.0	208.0	30.0
Annual Capital Spend	6,407.1	5,505.5	9,806.9	8,169.1	6,646.5	3,367.3	2,569.0	3,438.8	5,005.2	4,144.4	3,555.4
Closing Reserve Balances:											
R & R Reserve - Tax	4,830.3	4,134.3	1,960.5	1,412.2	620.6	1,585.6	3,472.7	5,105.3	5,291.7	7,271.5	9,296.6
Growth & New Reserve	560.3	371.8	(2,238.6)	(4,809.0)	(5,301.2)	(4,126.0)	(2,878.9)	(1,507.4)	(56.0)	883.3	2,538.2
Studies & Other Reserve	674.4	740.4	577.2	554.4	427.0	411.2	500.8	403.3	422.6	349.1	459.6
Closing Reserve Balance:	6,065.0	5,246.5	299.1	(2,842.4)	(4,253.7)	(2,129.3)	1,094.6	4,001.2	5,658.3	8,504.0	12,294.3

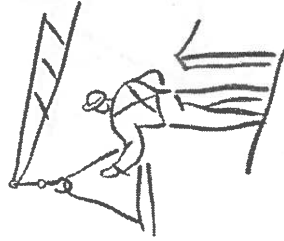
15,000.0
10,000.0
5,000.0
(5,000.0)
(10,000.0)



■ Annual Capital Spend □ Closing Reserve Balance ● Annual Contribution to Reserves

10 YEAR CAPITAL INVESTMENT PLAN

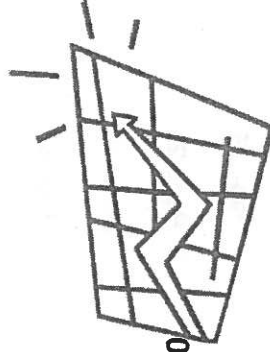
2016 Budget and 10 Year Outlook (2017 to 2026)



REPAIR & REPLACEMENT

2016 to 2026 = \$104,095,570

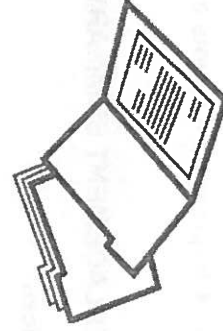
(see PAGE 13)



GROWTH & NEW

2016 to 2026 = \$106,558,260

(see PAGE 38)



STUDIES & OTHER

2016 to 2026 = \$3,604,830

(see PAGE 50)

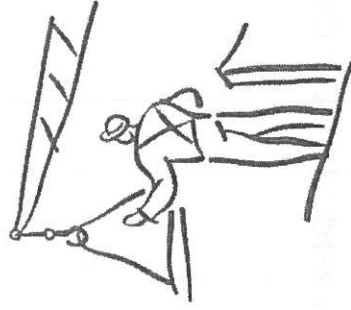
Total Investment Value for 2016 to 2026 = \$214,258,660

REPAIR & REPLACEMENT ASSETS

(Anticipated Spend of \$104,095,570 over 11 years)

Specific Repair & Replacement Assets are at the following pages:

REPAIR & REPLACEMENT SUMMARY	Page 14
Financial Services	Page 15
Corporate Services	Page 16
Roads & Related	Page 17
Water / Sanitary / Storm	Page 24
Parks, Recreation & Cultural Services	Page 28
Facilities	Page 30
Fleet	Page 34





REPAIR AND REPLACEMENT INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS

	<u>2016</u> (Approved)	<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>	10 YEAR OUTLOOK
<u>TOTAL R & R INVESTMENTS</u>												
Financial Services	100,000	-	100,000	600,000	-	-	-	-	-	-	-	700,000
Corporate Services	509,455	294,900	243,060	269,307	227,199	321,343	259,145	232,280	231,060	202,307	95,199	2,375,800
Roads & Related	3,673,231	3,998,200	5,504,199	4,940,051	4,441,662	5,717,716	6,375,326	4,005,171	6,419,577	2,947,191	3,892,183	48,241,276
Water Projects	540,000	1,560,000	500,000	1,000,000	300,000	1,000,000	300,000	1,000,000	300,000	1,000,000	-	6,960,000
Wastewater Projects	30,000	210,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,560,000
Stormwater Projects	-	775,000	1,555,000	3,000,000	1,500,000	1,025,000	1,000,000	1,000,000	1,025,000	1,000,000	400,000	12,280,000
Parks, Recreation & Cultural Services	1,575,800	1,403,450	1,602,250	766,300	881,600	706,900	490,000	1,052,000	625,000	20,000	22,000	7,569,500
Facilities	1,613,000	2,670,000	2,557,300	842,200	1,071,300	866,700	625,000	650,000	634,000	2,250,000	500,000	12,666,500
Fleet Planning & Building Services	516,008	405,000	515,000	265,000	725,000	50,000	100,000	375,000	370,000	90,000	290,000	3,185,000
	8,557,494	11,316,550	12,726,809	11,832,858	9,296,761	9,837,659	9,299,471	8,464,451	9,754,637	7,659,498	5,349,382	95,538,076
												Total including 2016
												104,095,570
R&R - Tax Based	(5,472,705)	(4,178,933)	(5,647,883)	(4,224,551)	(4,740,077)	(3,174,375)	(2,470,701)	(3,025,800)	(4,864,938)	(3,309,614)	(3,525,382)	(39,162,254)
R&R - Water Rates	(1,080,230)	(2,080,900)	(1,163,199)	(1,000,000)	(350,000)	(1,868,100)	(1,712,140)	(1,361,839)	(1,376,890)	(1,075,000)	(239,894)	(12,227,962)
R&R - Sewer Rates	(114,100)	(373,100)	(755,787)	(228,266)	(225,000)	(1,031,800)	(195,189)	(201,597)	(273,829)	(189,300)	(437,873)	(3,911,741)
R&R - Storm Rates	(288,300)	(2,010,100)	(2,352,159)	(3,154,429)	(1,575,000)	(1,404,200)	(2,739,757)	(1,546,031)	(1,309,796)	(1,156,400)	(1,146,233)	(18,394,105)
Cash in Lieu - Parkland	(92,500)	(387,500)	(267,500)	(195,000)	(242,500)	(190,000)	(17,500)	(400,000)	-	-	-	(1,700,000)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	(1,415,000)
Federal Gas Tax	(865,041)	(1,569,100)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	-	(15,048,603)
OCIF	(234,618)	(481,917)	(687,740)	(1,101,046)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	-	(3,678,411)
Building Reserve	(175,000)	-	-	-	-	-	-	-	-	-	-	-
Growth & New Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Grants / Donations	-	-	-	-	-	-	-	-	-	-	-	-
	(8,557,494)	(11,316,550)	(12,726,809)	(11,832,858)	(9,296,761)	(9,837,659)	(9,299,471)	(8,464,451)	(9,754,637)	(7,659,498)	(5,349,382)	(95,538,076)
												Total including 2016
												(104,095,570)

Funding Sources:

REPAIR & REPLACEMENT PROJECTS - FINANCIAL SERVICES

	<u>2016</u>	<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>Project Total</u>
Financial Services												
14012 Financial System Upgrade	100,000	-	100,000	600,000	-	-	-	-	-	-	-	800,000
	<u>100,000</u>	<u>-</u>	<u>100,000</u>	<u>600,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>800,000</u>
Funding Sources:												
Information Technology	100,000	-	100,000	600,000	-	-	-	-	-	-	-	800,000
R & R Reserve	(100,000)	-	(100,000)	(600,000)	-	-	-	-	-	-	-	(800,000)

REPAIR & REPLACEMENT PROJECTS - CORPORATE SERVICES

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Access Aurora												
12002 Accessibility Committee	350,000	125,000	125,000	130,000	135,000	140,000	145,000	150,000	150,000	150,000	-	1,600,000
IT Services												
14047 Computer & Related Infrastructure Renewal	114,455	151,900	98,060	119,307	92,199	181,343	114,145	82,280	81,060	52,307	95,199	1,182,255
14068 Wireless Upgrades and Enhancements	-	18,000	20,000	20,000	-	-	-	-	-	-	-	58,000
72238 TH-Council Chambers AV System Upgrade	45,000	-	-	-	-	-	-	-	-	-	-	45,000
	509,455	294,900	243,060	269,307	227,199	321,343	259,145	232,280	231,060	202,307	95,199	2,885,255

Funding Sources:

Information Technology	114,455	169,900	118,060	139,307	92,199	181,343	114,145	82,280	81,060	52,307	95,199	1,240,255
Special R & R	350,000	125,000	125,000	130,000	135,000	140,000	145,000	150,000	150,000	150,000	-	1,600,000
Facilities R & R	45,000	-	-	-	-	-	-	-	-	-	-	45,000
R & R Reserve	(509,455)	(294,900)	(243,060)	(269,307)	(227,199)	(321,343)	(259,145)	(232,280)	(231,060)	(202,307)	(95,199)	(2,885,255)

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED

Project	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
31103 Recon - Centre St - Yonge to Walton			495,805	-	-	-	-	-	-	-	-	495,805
			14,299	-	-	-	-	-	-	-	-	14,299
			36,387	-	-	-	-	-	-	-	-	36,387
			37,759	-	-	-	-	-	-	-	-	37,759
TOTAL			584,250									584,250
31105 Recon - Haida Dr & Trillium Dr	638,600											638,600
	68,900											68,900
	10,200											10,200
	168,000											168,000
	638,600											638,600
TOTAL	885,700											1,524,300
31107 Recon - Brookland - Yonge to Banbury		816,600										816,600
		115,000										115,000
		150,000										150,000
		735,000										735,000
		816,600										816,600
TOTAL		1,816,600										2,633,200
31108 Recon - Algonquin and Haida		752,500										752,500
		405,900										405,900
		13,100										13,100
		500,100										500,100
		752,500										752,500
TOTAL		1,671,600										2,424,100
31109 Recon - Kennedy St W & Temperance St	105,000		653,200									758,200
			492,900									492,900
			536,000									536,000
			459,000									459,000
TOTAL	105,000		2,141,100									2,246,100
31111 Recon - Catherine Ave	546,400											546,400
	250,000											250,000
	11,800											11,800
	100,000											100,000
	226,441											226,441
TOTAL	908,200											1,134,641

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
31112 Recon - Industrial Pkwy S - Wellington - Industry St	117,770	-	-	-	-	-	-	-	-	-	-	117,770
Road Const'n	117,770	-	-	-	-	-	-	-	-	-	-	117,770
Roads & Related DC	165,831	-	-	-	-	-	-	-	-	-	-	165,831
Water Service	221,330	-	-	-	-	-	-	-	-	-	-	221,330
Sanitary Sewer	62,100	-	-	-	-	-	-	-	-	-	-	62,100
Storm Sewer	20,300	-	-	-	-	-	-	-	-	-	-	20,300
TOTAL	587,331	-	-	-	-	-	-	-	-	-	-	587,331
31113 Recon - Murray Dr - Golf Links to Pinehurst Crt	120,000	-	1,696,500	-	-	-	-	-	-	-	-	1,816,500
Road Const'n	120,000	-	1,696,500	-	-	-	-	-	-	-	-	1,816,500
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	28,400	-	-	-	-	-	-	-	-	28,400
Storm Sewer	-	-	282,500	-	-	-	-	-	-	-	-	282,500
TOTAL	120,000	-	2,007,400	-	-	-	-	-	-	-	-	2,127,400
31114 Recon - Ransom Crt & Ransom St	50,000	-	222,600	-	-	-	-	-	-	-	-	272,600
Road Const'n	50,000	-	222,600	-	-	-	-	-	-	-	-	272,600
Water Service	-	-	156,000	-	-	-	-	-	-	-	-	156,000
Sanitary Sewer	-	-	5,000	-	-	-	-	-	-	-	-	5,000
Storm Sewer	-	-	17,900	-	-	-	-	-	-	-	-	17,900
TOTAL	50,000	-	401,500	-	-	-	-	-	-	-	-	451,500
31116 Recon - Edward St & Dunning Ave	-	-	-	-	227,762	2,426,438	-	-	-	-	-	2,654,200
Road Const'n	-	-	-	-	227,762	2,426,438	-	-	-	-	-	2,654,200
Water Service	-	-	-	-	-	868,100	-	-	-	-	-	868,100
Sanitary Sewer	-	-	-	-	-	881,800	-	-	-	-	-	881,800
Storm Sewer	-	-	-	-	-	379,200	-	-	-	-	-	379,200
TOTAL	-	-	-	-	227,762	4,555,538	-	-	-	-	-	4,783,300
31117 Recon - Corbett Cres, Cossar Dr, Springburn Cres	-	-	72,750	1,364,893	-	-	-	-	-	-	-	1,437,643
Road Const'n	-	-	72,750	1,364,893	-	-	-	-	-	-	-	1,437,643
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	28,177	-	-	-	-	-	-	-	28,177
Storm Sewer	-	-	-	62,034	-	-	-	-	-	-	-	62,034
TOTAL	-	-	72,750	1,455,104	-	-	-	-	-	-	-	1,527,854
31118 Recon - Browning Crt, Johnson Rd, Holman Cres	-	-	-	-	-	175,964	1,729,265	-	-	-	-	1,905,229
Road Const'n	-	-	-	-	-	175,964	1,729,265	-	-	-	-	1,905,229
Water Service	-	-	-	-	-	-	790,119	-	-	-	-	790,119
Sanitary Sewer	-	-	-	-	-	-	25,284	-	-	-	-	25,284
Storm Sewer	-	-	-	-	-	-	973,427	-	-	-	-	973,427
TOTAL	-	-	-	-	-	175,964	3,518,095	-	-	-	-	3,694,059

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
		(Approved)											
31119	Recon - Adair Dr, Bailey Cres, Davidson Rd	-	-	-	-	-	133,534	1,262,326	-	-	-	-	1,395,860
	Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
	Water Service	-	-	-	-	-	-	622,021	-	-	-	-	622,021
	Sanitary Sewer	-	-	-	-	-	-	19,905	-	-	-	-	19,905
	Storm Sewer	-	-	-	-	-	-	766,330	-	-	-	-	766,330
	TOTAL	-	-	-	-	-	133,534	2,670,582	-	-	-	-	2,804,116
31120	Recon - Aurora Hts Dr - Delayne to Bathurst St	-	-	51,152	974,045	-	-	-	-	-	-	-	1,025,197
	Road Const'n	-	-	51,152	974,045	-	-	-	-	-	-	-	1,025,197
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	13,785	-	-	-	-	-	-	-	13,785
	Storm Sewer	-	-	-	34,462	-	-	-	-	-	-	-	34,462
	TOTAL	-	-	51,152	1,022,292	-	-	-	-	-	-	-	1,073,444
31121	Recon - Crawford Rose Dr & Valley Cres	-	-	-	-	-	-	62,675	1,166,127	-	-	-	1,228,802
	Road Const'n	-	-	-	-	-	-	62,675	1,166,127	-	-	-	1,228,802
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	24,442	-	-	-	24,442
	Storm Sewer	-	-	-	-	-	-	-	63,579	-	-	-	63,579
	TOTAL	-	-	-	-	-	-	62,675	1,254,148	-	-	-	1,316,823
31122	Recon - Golf Links Dr	-	-	62,567	1,660,018	-	-	-	-	-	-	-	1,722,585
	Road Const'n	-	-	62,567	1,660,018	-	-	-	-	-	-	-	1,722,585
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	36,304	-	-	-	-	-	-	-	36,304
	Storm Sewer	-	-	-	57,933	-	-	-	-	-	-	-	57,933
	TOTAL	-	-	62,567	1,754,255	-	-	-	-	-	-	-	1,816,822
31123	Recon - Orchard Hts Blvd	-	-	-	-	-	-	-	79,582	1,526,013	-	-	1,605,595
	Road Const'n	-	-	-	-	-	-	-	79,582	1,526,013	-	-	1,605,595
	Water Service	-	-	-	-	-	-	-	-	-	-	-	-
	Sanitary Sewer	-	-	-	-	-	-	-	-	23,986	-	-	23,986
	Storm Sewer	-	-	-	-	-	-	-	-	34,462	-	-	34,462
	TOTAL	-	-	-	-	-	-	-	79,582	1,584,461	-	-	1,664,043

continued.....

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
31124 Recon - Henderson Dr & Poplar Cres	-	-	-	-	-	-	123,974	1,606,978	-	-	-	1,730,952
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	361,839	-	-	-	361,839
Sanitary Sewer	-	-	-	-	-	-	-	27,155	-	-	-	27,155
Storm Sewer	-	-	-	-	-	-	-	482,452	-	-	-	482,452
TOTAL	-	-	-	-	-	-	123,974	2,478,424	-	-	-	2,602,398
31125 Recon - Windham Tr	-	-	-	-	-	-	-	54,212	894,867	-	0	949,079
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	19,076	-	0	19,076
Storm Sewer	-	-	-	-	-	-	-	-	169,567	-	0	169,567
TOTAL	-	-	-	-	-	-	54,212	1,083,510	-	-	-	1,137,722
31126 Recon - Harriman Rd	-	-	-	-	-	-	-	-	-	62,565	427,971	490,536
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	239,894	239,894
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	287,873	287,873
TOTAL	-	-	-	-	-	-	-	-	-	62,565	1,251,287	1,313,852
31128 Recon - Orchard Hts Blvd - Crawford Rose to Yonge St.	-	-	-	-	-	-	-	-	201,900	2,495,500	-	2,697,400
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	75,000	-	75,000
Sanitary Sewer	-	-	-	-	-	-	-	-	-	39,300	-	39,300
Storm Sewer	-	-	-	-	-	-	-	-	-	156,400	-	156,400
TOTAL	-	-	-	-	-	-	-	-	201,900	2,766,200	-	2,968,100
31140 Recon - Westview Dr & Archerhill Crt	-	-	-	-	-	-	-	-	-	57,506	997,779	1,055,285
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	181,052	181,052
TOTAL	-	-	-	-	-	-	-	-	-	57,506	1,178,831	1,236,337
31145 Industrial Pkwy N - Wellington St to Scanlon Crt	-	-	-	-	-	-	-	-	-	60,920	538,778	599,698
Road Const'n	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	269,632	269,632
TOTAL	-	-	-	-	-	-	-	-	-	60,920	808,410	869,330

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
31149 Recon - Tamarac Trail								88,305	1,723,025			1,811,330
									1,076,890			1,076,890
									80,767			80,767
									80,767			80,767
TOTAL								88,305	2,961,449			3,049,754
31150 Recon - Whispering Pine Tr				62,500	1,250,000							1,312,500
					50,000							50,000
					75,000							75,000
					75,000							75,000
TOTAL				62,500	1,450,000							1,512,500
TOTAL MAJOR ROAD RECONSTRUCTION	1,743,601	1,569,100	3,254,574	4,061,456	1,477,762	2,735,936	3,176,240	2,995,204	4,345,805	2,676,491	1,964,528	30,002,697
Road Const'n	540,230	520,900	663,199	-	50,000	868,100	1,412,140	361,839	1,076,890	75,000	239,894	5,808,192
Water Service	84,100	163,100	605,787	76,266	75,000	881,800	45,189	51,597	123,829	39,300	287,873	2,435,841
Sanitary Sewer	288,300	1,235,100	797,159	154,429	75,000	379,200	1,739,757	546,031	284,796	156,400	746,233	6,402,405
Storm Sewer	2,656,231	3,486,200	5,320,719	4,294,151	1,677,762	4,865,036	6,375,326	3,954,671	5,831,320	2,947,191	3,238,528	44,649,135
TOTAL	630,000											630,000
ROAD RESURFACING									382,757			382,757
31025 Old Bloomington Rd - Asphalt Paving												630,000
31127 Haida Dr - McDonald Dr to Aurora Hts												382,757
31129 Mosley St. - Yonge St to Berczy St					270,000							270,000
31131 Cranberry Ln - Trillium Dr to Highland Gate												535,013
31132 Wiles Ct / Murray to end (31132)											118,642	118,642
31133 Larmont St - Wellington St to Metcalfe St					135,900							135,900
31134 Victoria St - Wellington St to Metcalfe St						166,900						166,900
31135 Wells St - Wellington St to Metcalfe St						143,400						143,400
31136 Metcalfe St - Victoria St to Larmont St												170,000
31137 Mary St - Wellington St to Industry St				170,000								170,000
31138 Industrial Pkwy - N of Scanlon to S of Industry				375,400								375,400
TOTAL ROAD RESURFACING	630,000			595,400	2,705,900	312,300			382,757			653,655
												5,280,012

continued.....

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
SIDEWALK & BOULEVARD												
34611	25,000	410,000	-	-	-	-	-	-	-	-	-	435,000
	S/W - Henderson Dr - Tamarac Tr - Poplar Cres											
34613	25,000	183,480	-	-	-	-	-	-	-	-	-	208,480
	S/W - St John's - Gateway to Industrial Pkwy											
34616	-	-	-	-	-	-	-	-	205,500	-	-	205,500
	Watts Meadow											
34617	-	-	-	-	28,000	279,500	-	-	-	-	-	307,500
	S/W - Edward St - 100 m E of Yonge to Dunning Ave											
34634	-	-	-	-	30,000	260,880	-	-	-	-	-	290,880
	S/W - Yonge St - Henderson to Industrial Pkwy S											
	25,000	435,000	183,480	-	58,000	540,380	-	-	205,500	-	-	1,447,360
	TOTAL SIDEWALK & BOULEVARD											
OTHER												
31144	62,000	-	-	-	-	-	-	-	-	-	-	62,000
	Field Asset Data Wireless Devices											
31147	-	-	-	50,500	-	-	-	50,500	-	-	-	101,000
	Pavement Condition Assessment											
31151	50,000	-	-	-	-	-	-	-	-	-	-	50,000
	Streetslights											
31153	150,000	75,000	-	-	-	-	-	-	-	-	-	225,000
	Maximo Upgrade to 7.6											
34711	100,000	-	-	-	-	-	-	-	-	-	-	100,000
	Street Light Poles Bayview											
31154	362,000	75,000	-	50,500	-	-	-	50,500	-	-	-	538,000
	Speed Cushion Pilot Project											
	362,000	75,000	-	50,500	-	-	-	50,500	-	-	-	538,000
	TOTAL OTHER											
	2,760,601	2,079,100	3,438,054	4,707,356	4,241,662	3,588,616	3,178,240	3,045,704	4,934,062	2,676,491	2,618,183	37,268,069
	TOTAL ROADS & RELATED											
	540,230	520,900	663,199	-	50,000	868,100	1,412,140	361,839	1,076,890	75,000	239,894	5,808,192
	Road Const'n											
	84,100	163,100	605,787	78,266	75,000	881,800	45,189	51,597	123,829	39,300	287,873	2,435,841
	Water Service											
	288,300	1,235,100	797,159	154,429	75,000	379,200	1,739,757	546,031	284,796	156,400	746,233	6,402,405
	Sanitary Sewer											
	3,673,231	3,998,200	5,504,199	4,940,051	4,441,662	5,717,716	6,375,326	4,005,171	6,419,577	2,947,191	3,892,183	51,914,507
	Storm Sewer											
	TOTAL											

REPAIR & REPLACEMENT PROJECTS - ROADS & RELATED - continued

TOTAL ROADS & RELATED FUNDING SOURCES:

Federal Gas Tax:														
Combined Recon Proj (31096)														
Reconstruction	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Combined Recon Proj (31105)	(638,600)	-	-	-	-	-	-	-	-	-	-	-	-	(638,600)
Reconstruction														
Combined Recon Proj (31108)	-	(752,500)	-	-	-	-	-	-	-	-	-	-	-	(752,500)
Reconstruction														
Combined Recon Proj (31107)	-	(816,600)	-	-	-	-	-	-	-	-	-	-	-	(816,600)
Reconstruction														
Combined Recon Proj (31111)	(226,441)	-	-	-	-	-	-	-	-	-	-	-	-	(226,441)
Reconstruction														
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)	(1,694,566)	(1,694,566)	(13,479,503)
Total Federal Gas Tax	(865,041)	(1,569,100)	(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)	(1,694,566)	(1,694,566)	(15,913,644)
OCIF	(234,618)	(481,917)	(687,740)	(1,101,046)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(234,618)	(3,913,029)
Other	(165,831)	-	-	-	-	-	-	-	-	-	-	-	-	(165,831)
Water R & R Reserve	(540,230)	(520,900)	(663,199)	-	(50,000)	(866,100)	(1,412,140)	(361,839)	(1,076,890)	(75,000)	(75,000)	(75,000)	(75,000)	(5,808,192)
Waste Water R & R Reserve	(84,100)	(163,100)	(605,787)	(78,266)	(75,000)	(881,800)	(45,189)	(51,597)	(123,829)	(39,300)	(39,300)	(39,300)	(39,300)	(2,435,841)
Storm Water R & R Reserve	(288,300)	(1,235,100)	(797,159)	(154,429)	(75,000)	(379,200)	(1,739,757)	(546,031)	(284,796)	(156,400)	(156,400)	(156,400)	(156,400)	(6,402,405)
NET Roads R & R Reserve	(1,495,111)	(28,083)	(1,192,773)	(1,911,744)	(2,312,478)	(1,659,432)	(1,249,056)	(1,116,520)	(3,004,878)	(747,307)	(747,307)	(747,307)	(747,307)	(17,275,565)
	(3,673,231)	(3,998,200)	(5,504,199)	(4,940,051)	(4,441,662)	(5,717,716)	(6,375,326)	(4,005,171)	(6,419,577)	(2,947,191)	(2,947,191)	(2,947,191)	(2,947,191)	(51,914,507)

REPAIR & REPLACEMENT PROJECTS - WATER SPECIFIC PROJECTS

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Water Meter Replacement												
43038 Program	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	-	3,000,000
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	-	3,000,000
43044 Bulk Meter Installation												
Water Service	200,000	200,000	200,000	-	-	-	-	-	-	-	-	600,000
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	200,000	200,000	200,000	-	-	-	-	-	-	-	-	600,000
Decommission Well												
43047 House	40,000	-	-	-	-	-	-	-	-	-	-	40,000
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	40,000	-	-	-	-	-	-	-	-	-	-	40,000
Structural Watermain												
43054 Relining Program	-	1,000,000	-	700,000	-	700,000	-	700,000	-	700,000	-	3,800,000
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	1,000,000	-	700,000	-	700,000	-	700,000	-	700,000	-	3,800,000
43058 Bulk Water Station												
Water Service	-	60,000	-	-	-	-	-	-	-	-	-	60,000
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	60,000	-	-	-	-	-	-	-	-	-	60,000
TOTAL WATER SPECIFIC PROJECTS												
Water Service	540,000	1,560,000	500,000	1,000,000	300,000	1,000,000	300,000	1,000,000	300,000	1,000,000	-	7,500,000
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	540,000	1,560,000	500,000	1,000,000	300,000	1,000,000	300,000	1,000,000	300,000	1,000,000	-	7,500,000

REPAIR & REPLACEMENT PROJECTS - WASTEWATER SPECIFIC PROJECTS

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
41009 3 Phase Electrical Power	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	30,000	60,000	-	-	-	-	-	-	-	-	-	90,000
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	30,000	60,000	-	-	-	-	-	-	-	-	-	90,000
Sanitary Sewer CCTV	-	-	-	-	-	-	-	-	-	-	-	-
41011 Inspection	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000
TOTAL WASTEWATER SPECIFIC PROJECTS												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	30,000	210,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,590,000
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	30,000	210,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,590,000

REPAIR & REPLACEMENT PROJECTS - STORM WATER SPECIFIC PROJECTS

	2016 (Approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
42054 Culvert Maintenance												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	205,000	-	-	-	-	-	-	-	-	205,000
TOTAL	-	-	205,000	-	-	-	-	-	-	-	-	205,000
Lake Simcoe Protection												
42056 Plan												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	4,800,000
TOTAL	-	-	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	4,800,000
42058 Bridge Assessment												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	25,000	-	-	25,000	-	-	25,000	-	-	75,000
TOTAL	-	-	25,000	-	-	25,000	-	-	25,000	-	-	75,000
42060 Sanitary Inflow & Infiltration												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,600,000
TOTAL	-	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	3,600,000
Stormwater Mgmt Ponds												
42061 Clean Up												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	-	75,000	-	500,000	-	-	-	-	-	-	575,000
TOTAL	-	-	75,000	-	500,000	-	-	-	-	-	-	575,000
Flood Study for Tannery												
42062 Creek												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	75,000	-	500,000	-	-	-	-	-	-	-	575,000
TOTAL	-	75,000	-	500,000	-	-	-	-	-	-	-	575,000
Storm Sewer Outlet												
42064 Cleanup												
Water Service	-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer	-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer	-	50,000	250,000	-	-	-	-	-	-	-	-	300,000
TOTAL	-	50,000	250,000	-	-	-	-	-	-	-	-	300,000

Oversized Storm Pipe											
42065	Assessment and Clean Up	Water Service	-	-	-	-	-	-	-	-	-
		Sanitary Sewer	-	-	-	-	-	-	-	-	-
		Storm Sewer	500,000	-	-	-	-	-	-	-	500,000
		TOTAL	500,000	-	-	-	-	-	-	-	500,000
Damaged Storm Pipe Off											
42066	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

TOTAL STORM WATER SPECIFIC PROJECTS

Water Service											
-	-	-	-	-	-	-	-	-	-	-	-
Sanitary Sewer											
-	-	-	-	-	-	-	-	-	-	-	-
Storm Sewer											
-	775,000	1,555,000	3,000,000	1,500,000	1,025,000	1,000,000	1,000,000	1,000,000	1,025,000	400,000	12,280,000
-	775,000	1,555,000	3,000,000	1,500,000	1,025,000	1,000,000	1,000,000	1,000,000	1,025,000	400,000	12,280,000

REPAIR & REPLACEMENT PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
73189	Artificial Turf Repair - Soccer goal areas	35,000	-	35,000	35,000	35,000	-	-	-	-	-	175,000
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
73193	Bridge Assessment	15,000	-	-	-	-	-	-	-	-	-	15,000
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
73207	Playground -Wm Kennedy Park	-	-	125,000	-	-	-	-	-	-	-	125,000
73208	Playground - James Lloyd Park	150,000	-	-	-	-	-	-	-	-	-	150,000
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	10,300	10,600	10,900	11,300	11,600	20,000	20,000	20,000	20,000	22,000	168,600
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	-	700,000	-	-	-	-	-	-	-	-	700,000

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

Project	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
73224	-	-	-	-	-	-	-	600,000	-	-	-	600,000
73225	-	-	-	-	-	-	30,000	-	-	-	-	30,000
73226	-	-	-	-	-	-	40,000	-	-	-	-	40,000
73227	-	20,000	-	-	-	-	-	20,000	-	-	-	40,000
73228	40,000	-	-	-	-	-	40,000	-	-	-	-	80,000
73229	20,000	-	-	-	-	-	20,000	-	-	-	-	40,000
73230	75,000	-	-	-	-	-	75,000	-	-	-	-	150,000
73231	-	-	20,000	-	-	-	-	-	25,000	-	-	45,000
73232	-	-	100,000	-	-	-	-	-	-	-	-	100,000
73235	50,000	-	-	-	-	-	-	-	-	-	-	50,000
73236	-	-	50,000	-	-	-	-	-	-	-	-	50,000
73237	-	-	-	-	75,000	-	-	-	-	-	-	75,000
73238	-	-	-	-	75,000	-	-	-	-	-	-	75,000
73239	-	-	-	-	-	75,000	-	-	-	-	-	75,000
73240	-	-	30,000	-	-	-	-	-	-	-	-	30,000
73241	-	-	25,000	-	-	-	-	-	-	-	-	25,000
73242	150,000	-	-	-	-	-	30,000	-	-	-	-	180,000
73134	195,500	96,350	96,350	-	-	-	-	-	-	-	-	388,200
73160	235,000	235,000	235,000	235,000	235,000	240,000	235,000	-	-	-	-	1,650,000
73268	600,000	-	-	-	-	-	-	-	-	-	-	600,000
73277	-	181,500	-	-	-	-	-	-	-	-	-	181,500
73287	-	-	125,000	-	-	-	-	-	-	-	-	125,000
73289	-	30,000	-	-	-	-	-	-	-	-	-	30,000
73291	-	25,000	25,000	-	-	-	-	-	-	-	-	50,000
	1,575,800	1,403,450	1,602,250	766,300	881,600	706,900	490,000	1,052,000	625,000	20,000	22,000	9,145,300

Funding Sources:

R & R Infrastructure Reserves	(1,248,300)	(780,950)	(1,099,750)	(336,300)	(404,100)	(276,900)	(237,500)	(652,000)	(625,000)	(20,000)	(22,000)	(5,702,800)
Cash in Lieu of Parkland Reserve	(92,500)	(387,500)	(267,500)	(195,000)	(242,500)	(190,000)	(17,500)	(400,000)	-	-	-	(1,792,500)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	(1,650,000)
Donations	-	-	-	-	-	-	-	-	-	-	-	-
	(1,575,800)	(1,403,450)	(1,602,250)	(766,300)	(881,600)	(706,900)	(490,000)	(1,052,000)	(625,000)	(20,000)	(22,000)	(9,145,300)

REPAIR & REPLACEMENT PROJECTS - FACILITIES

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
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
72221 Exterior Lighting Retrofit*	15,000	-	-	-	-	-	-	-	-	-	-	15,000
Interior												
72180 Signs	-	-	50,000	-	-	-	-	-	-	-	-	50,000
72240 Replacement of Floor Scrubber	18,000	-	-	-	-	-	-	-	-	-	-	18,000
72221 Pool Liner Replacement *	250,000	-	-	-	-	-	-	-	-	-	-	250,000
72272 Refresh Program Room	-	20,000	-	-	-	-	-	-	-	-	-	20,000
Electrical												
72221 LED Lighting - Pool & Ice Pads *	110,000	-	-	-	-	-	-	-	-	-	-	110,000
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
72140 Replace Screw Compressor	-	-	-	-	-	-	-	-	-	-	-	-
72263 Cooling Evaporator Tower	-	75,000	-	-	-	-	-	-	-	-	-	75,000
72221 Replace 2 Original Boilers *	50,000	-	-	-	-	-	-	-	-	-	-	50,000
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	443,000	520,000	50,000	75,000	61,700	-	-	-	-	1,750,000	-	2,899,700
Town Hall:												
Exterior												
72168 Exterior Windows	-	-	172,300	-	-	-	-	-	-	-	-	172,300
Interior												
72201 Workstation Refresh, Carpet, Paint	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	-	-	810,000
24010 Bldg Dept Counter Enhancements	175,000	-	-	-	-	-	-	-	-	-	-	175,000
Mechanical												
72169 LAN Room HVAC	-	-	-	69,000	-	-	-	-	-	-	-	69,000
Electrical												
Town Hall Total	265,000	90,000	262,300	159,000	90,000	90,000	90,000	90,000	90,000	-	-	1,226,300

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Aurora Family Leisure Complex:												
Exterior												
72264 Lower Roof Section	35,000	-	-	-	-	-	-	-	-	-	-	35,000
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
Mechanical / Equipment												
72171 Dasher Board System	-	-	300,000	-	-	-	-	-	-	-	-	300,000
72210 Duct Work	-	75,000	-	-	-	-	-	-	-	-	-	75,000
72247 Replace Whirlpool and Pool Heaters	50,000	-	-	-	-	-	-	-	-	-	-	50,000
74007 Fitness Equipment	-	53,000	40,000	40,000	-	-	35,000	60,000	44,000	-	-	272,000
Electrical												
72225 LED Lighting Arena, Pool & Squash (-	150,000	-	-	-	-	-	-	-	-	-	150,000
Family Leisure Complex Total	85,000	778,000	715,000	40,000	-	-	35,000	60,000	44,000	-	-	1,757,000

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
72175 Exterior Painting *	20,000	-	-	-	-	-	-	-	-	-	-	20,000
Interior												
72155 Auditorium	-	70,000	-	-	-	-	-	-	-	-	-	70,000
72172 Sport Flooring	-	-	-	-	149,600	-	-	-	-	-	-	149,600
72173 Auditorium Flooring	-	-	-	18,000	-	-	-	-	-	-	-	18,000
72175 LED Lighting Retrofit *	55,000	-	-	-	-	-	-	-	-	-	-	55,000
72181 Signs	-	-	-	35,000	-	-	-	-	-	-	-	35,000
72280 Rubber Flooring Repairs	-	12,000	-	-	-	-	-	-	-	-	-	12,000
Mechanical												
72174 Compressors	-	-	233,600	-	-	-	-	-	-	-	-	233,600
72175 Improvement to ACC *	250,000	-	-	-	-	-	-	-	-	-	-	250,000
72132 Rooftop HVAC	-	250,000	-	-	-	-	-	-	-	-	-	250,000
72176 Chiller	-	-	-	-	-	-	-	-	-	-	-	-
72175 Replacement of Four Boilers*	100,000	-	-	-	-	-	-	-	-	-	-	100,000
72277 - ACC Improvements - Canada 150 Intake II*	-	400,000	-	-	-	-	-	-	-	-	-	400,000
Aurora Community Center Total	425,000	732,000	433,600	53,000	149,600	190,000	-	-	-	-	-	1,983,200

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
<u>52/56 Victoria Street</u>	-	-	-	-	-	-	-	-	-	-	-	-
52/56 Victoria St Total	-	-	-	-	-	-	-	-	-	-	-	-
<u>215 Industrial Parkway</u>	-	-	250,000	-	-	-	-	-	-	-	-	250,000
Exterior	-	-	250,000	-	-	-	-	-	-	-	-	250,000
72268 Roof Replacement	-	-	250,000	-	-	-	-	-	-	-	-	250,000
Hydro Building Total	-	-	250,000	-	-	-	-	-	-	-	-	250,000
<u>Factory Theatre</u>	-	-	-	-	-	-	-	-	-	-	-	-
Exterior	-	-	-	-	60,200	-	-	-	-	-	-	60,200
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	20,000	-	-	-	-	-	-	-	-	-	-	20,000
72188 Exterior Windows	20,000	-	-	-	-	-	-	-	-	-	-	20,000
Site Works	-	-	41,400	-	-	-	-	-	-	-	-	41,400
72189 Parking Lot	-	-	41,400	-	-	-	-	-	-	-	-	41,400
Tennis Clubhouse Total	20,000	-	41,400	-	-	-	-	-	-	-	-	61,400
<u>Joint Operations Centre</u>	-	-	-	-	-	-	-	-	-	-	-	-
Mechanical	-	100,000	-	-	-	-	-	-	-	-	-	100,000
72195 Fuel Mgmt System	-	100,000	-	-	-	-	-	-	-	-	-	100,000
Joint Operations Centre Total	-	100,000	-	-	-	-	-	-	-	-	-	100,000
<u>Firehall 4-3</u>	-	-	-	-	-	-	-	-	-	-	-	-
Interior	-	10,000	-	-	-	-	-	-	-	-	-	10,000
72279 Air Conditioning Unit	-	10,000	-	-	-	-	-	-	-	-	-	10,000
Firehall 4-3 Total	-	10,000	-	-	-	-	-	-	-	-	-	10,000
<u>Victoria Hall</u>	-	-	-	-	-	-	-	-	-	-	-	-
Exterior	-	-	-	15,200	-	-	-	-	-	-	-	15,200
72190 Exterior Windows	-	-	-	15,200	-	-	-	-	-	-	-	15,200
72259 Accessibility Ramp	-	20,000	-	-	-	-	-	-	-	-	-	20,000
Victoria Hall Total	-	20,000	-	15,200	-	-	-	-	-	-	-	35,200
R+R Facilities	-	-	-	-	-	-	-	-	-	-	-	-

REPAIR & REPLACEMENT PROJECTS - FACILITIES - continued

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project
	(approved)											Total

89 Mosley Street												
Exteriors/Interiors												
72241 Building Condition*	275,000											275,000
89 Mosley Street	275,000											275,000

Church Street School / Museum												
Electrical												
72218 LED Lighting Retrofit		15,000										15,000
Exterior												
72121 Brick Repairs		30,000										30,000
72192 Exterior Doors						86,700						86,700
72219 22 Church/Library Drainage and Walkway	45,000											45,000
72267 Exterior Painting	25,000											25,000
Interior												
72217 Elevator					95,000							95,000
School Museum Total	45,000	25,000	45,000		95,000	86,700						296,700

Library - 15145 Yonge Street												
Electrical												
72234 LED Lighting*												
Interior												
72246 Boiler Replacement			100,000									100,000
Exterior												
72248 Brick Repairs	30,000											30,000
72258 Accessible Doors		20,000										20,000
72278 Parking Lot Re-pave			100,000									100,000
72275 Improvements - Canada 150 Intake II*		300,000										300,000
Library Total	30,000	320,000	200,000									550,000

Seniors Centre - 90 John West Way												
Electrical												
72213 LED Lighting			30,000									30,000
Senior Centre Total			30,000									30,000

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			30,000									95,000
72182 3 Stream Recycling Containers		40,000										40,000
72269 AED Replacement		35,000										35,000

REPAIR & REPLACEMENT TOTAL	1,613,000	2,670,000	2,557,300	842,200	1,071,300	866,700	625,000	650,000	634,000	2,250,000	500,000	14,279,500
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REPAIR & REPLACEMENT - FLEET

FLEET NUMBER	2016 (APPROVED)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
71093 Kubota/60"ZeroTurn	-	15,000	-	-	-	-	-	-	-	-	-	15,000
71094 Kubota/60"ZeroTurn (71094)	-	15,000	-	-	-	-	-	-	-	-	-	15,000
71095 Kubota/60"ZeroTurn (71095)	-	15,000	-	-	-	-	-	-	-	-	-	15,000
71096 Kubota/60"ZeroTurn	-	15,000	-	-	-	-	-	-	-	-	-	15,000
71101 Kubota/60"ZeroTurn	-	15,000	-	-	-	-	-	-	-	-	-	15,000
71102 Kubota/60"ZeroTurn	-	15,000	-	-	-	-	-	-	-	-	-	15,000
34186 Olympia/ST95	87,514	-	-	-	-	-	-	-	-	-	-	87,514
34239 3 Tonne Truck	90,000	-	-	-	-	-	-	-	-	-	-	90,000
34192 Olympia/ST95	87,514	-	-	-	-	-	-	-	-	-	-	87,514
34193 Genie Lift	-	-	-	-	10,000	-	-	-	-	-	-	10,000
34196 GMC/K3500	-	-	-	-	-	-	-	-	80,000	-	-	80,000
34236 Ft/FL80	205,980	-	-	-	-	-	-	-	-	-	-	205,980
71103 Wide Area Mower	-	-	-	-	-	-	100,000	-	-	-	-	100,000
34197 Ford F 150	-	45,000	-	-	-	-	-	-	-	-	-	45,000
34198 Ford F150	-	45,000	-	-	-	-	-	-	-	-	-	45,000
71104 Line Painter	-	-	-	-	25,000	-	-	-	-	-	-	25,000
71105 JD Zero Turn Mower	-	15,000	-	-	-	-	-	-	-	-	-	15,000

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REPAIR & REPLACEMENT - FLEET - continued

FLEET NUMBER	2016 (APPROVED)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project
												Total
71107 Skid Steer Loader	-	-	145,000	-	-	-	-	-	-	-	-	145,000
71108 GMC Sierra Crew Cab	-	-	65,000	-	-	-	-	-	-	-	-	65,000
71109 GMC 1 Ton Dump (71109)	-	-	60,000	-	-	-	-	-	-	-	-	60,000
71110 JD/870	-	-	-	-	-	-	-	50,000	-	-	-	50,000
71111 GMC Sierra	-	-	30,000	-	-	-	-	-	-	-	-	30,000
34199 Bartell/SP86/Grinder	-	-	15,000	-	-	-	-	-	-	-	-	15,000
73275 Sports Field Top Dresser	45,000	-	-	-	-	-	-	-	-	-	-	45,000
34220 GMC/3500	-	-	-	-	70,000	-	-	-	-	-	-	70,000
71112 Chev/Cab	-	-	-	-	-	50,000	-	-	-	-	-	50,000
34221 Kubota 4x4 Tractor	-	-	-	40,000	-	-	-	-	-	-	-	40,000
34222 Chev/1500	-	-	-	-	45,000	-	-	-	-	-	-	45,000
34223 Chev/1500	-	-	-	-	45,000	-	-	-	-	-	-	45,000
34224 Provision for new purchase	-	-	-	45,000	-	-	-	-	-	-	-	45,000
34225 Provision for new purchase	-	-	-	-	45,000	-	-	-	-	-	-	45,000
24006 Toyota Tacoma pick up	-	40,000	-	-	-	-	-	-	-	-	-	40,000
34226 Cat/416B	-	-	-	-	-	-	-	-	180,000	-	-	180,000
34227 Int/2554	-	-	-	-	-	-	-	325,000	-	-	-	325,000
71116 Back Hoe 420E IT	-	-	-	-	155,000	-	-	-	-	-	-	155,000
34228 Zamboni 525	-	-	-	90,000	-	-	-	-	-	-	-	90,000

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REPAIR & REPLACEMENT - FLEET - continued

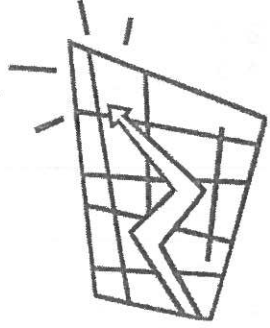
FLEET NUMBER	2016 (APPROVED)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
43	-	-	-	-	155,000	-	-	-	-	-	-	155,000
71117 Caterpillar/420E												
241	-	-	-	-	80,000	-	-	-	-	-	-	80,000
71118 JD/5225 Tractor												
20	-	60,000	-	-	-	-	-	-	-	-	-	60,000
34230 Chev Express												
21	-	60,000	-	-	-	-	-	-	-	-	-	60,000
34231 Chev Express												
240	-	-	-	40,000	-	-	-	-	-	-	-	40,000
71119 JD/4320 Tractor												
207	-	-	-	-	50,000	-	-	-	-	-	-	50,000
71121 Chev Silverado												
212	-	-	-	-	45,000	-	-	-	-	-	-	45,000
71122 Chev Silverado												
34407 Back Up Camaeras		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				50,000								50,000
34410 Frt/FL80			200,000									200,000
Total Fleet R & R COSTS	516,008	405,000	515,000	265,000	725,000	50,000	100,000	375,000	370,000	90,000	290,000	3,701,008

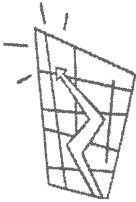
GROWTH & NEW ASSETS

(Anticipated Spend of \$106,558,260 over 11 years)

Specific Growth & New Assets are at the following pages:

GROWTH & NEW SUMMARY	Page 38
Corporate Services	Page 39
Fire & Emergency Services	Page 40
Infrastructure & Environmental Services	Page 41
Parks, Recreation & Cultural Services	Page 42
Facilities & Fleet	Page 44
Planning & Building Services	Page 45





GROWTH AND NEW ASSETS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS

	<u>2016</u>	<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>10 YEAR</u>
	(Approved)											<u>OUTLOOK</u>
<u>GROWTH and NEW</u>												
Administrative Officer	-	-	-	-	-	-	-	-	-	-	-	-
Legal & Legislative	-	-	-	-	-	-	-	-	-	-	-	-
Financial Services	-	-	-	-	-	-	-	-	-	-	-	-
Corporate Services	226,000	100,000	260,000	100,000	10,000	-	-	-	-	-	-	470,000
Fire Services	60,000	16,065,000	175,000	-	-	-	-	-	-	-	-	16,240,000
Infrastructure & Environment	790,660	2,816,690	2,633,030	4,000,940	4,088,780	371,350	303,000	-	194,600	5,768,110	-	20,176,500
P, R & C Services	2,102,882	3,195,000	11,740,000	5,450,000	2,862,000	3,350,000	1,080,000	3,250,000	115,000	615,000	100,000	31,757,000
Facilities	172,500	1,160,000	3,115,000	19,600,000	2,085,000	-	-	-	-	-	-	25,960,000
Fleet	310,418	20,000	675,000	70,000	150,000	150,000	150,000	150,000	-	-	-	1,365,000
Planning & Bldg Svcs	300,000	75,000	1,370,000	780,000	-	-	-	-	-	-	-	2,225,000
TOTAL GROWTH & NEW	3,962,460	23,431,690	19,968,030	30,000,940	9,195,780	3,871,350	1,533,000	3,400,000	309,600	6,383,110	100,000	98,193,500
Water/Sewer Projects	1,485,000	1,444,300	135,000	-	1,338,000	-	-	-	-	-	-	2,917,300
TOTAL GROWTH & NEW	5,447,460	24,875,990	20,103,030	30,000,940	10,533,780	3,871,350	1,533,000	3,400,000	309,600	6,383,110	100,000	101,110,800
										Total including 2016		106,558,260

Funding Sources:

Development Charges	(2,992,852)	(11,984,801)	(13,306,800)	(23,811,396)	(7,589,202)	(3,383,408)	(1,289,700)	(2,970,000)	(177,833)	(5,654,799)	-	(70,167,939)
Federal Gas Tax	-	-	-	-	-	-	-	-	-	-	-	-
Special Purposes Reserves	(1,575,000)	(1,740,000)	(848,000)	(375,000)	(176,200)	(325,000)	(75,000)	(305,000)	(1,500)	(1,500)	-	(3,847,200)
Growth & New Reserves	(879,608)	(1,291,539)	(3,741,480)	(3,714,544)	(1,668,378)	(62,942)	(68,300)	(25,000)	(30,267)	(626,811)	-	(11,229,261)
R & R Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-
Water & Sewer Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Funds	-	(60,000)	(2,100,000)	(2,100,000)	(1,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(5,960,000)
External Funding	-	(9,799,650)	(106,750)	-	-	-	-	-	-	-	-	(9,906,400)
	(5,447,460)	(24,875,990)	(20,103,030)	(30,000,940)	(10,533,780)	(3,871,350)	(1,533,000)	(3,400,000)	(309,600)	(6,383,110)	(100,000)	(101,110,800)
										Total including 2016		(106,558,260)

GROWTH & NEW PROJECTS - CORPORATE SERVICES

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Growth & New												
12016 Customer Care Centre	100,000	-	200,000	100,000	-	-	-	-	-	-	-	400,000
12025 Customer Relationship Mgm	86,000	-	-	-	-	-	-	-	-	-	-	86,000
14037 Joint Ops LAN Room & DR site	-	75,000	60,000	-	10,000	-	-	-	-	-	-	145,000
14065 Mobility Solutions	15,000	-	-	-	-	-	-	-	-	-	-	15,000
24012 Bylaw Permit Parking Program	25,000	-	-	-	-	-	-	-	-	-	-	25,000
24015 Radios for By-Law Officers	-	25,000	-	-	-	-	-	-	-	-	-	25,000
	226,000	100,000	260,000	100,000	10,000	-	-	-	-	-	-	696,000

Funding Sources:

Development Charges	-	-	-	-	-	-	-	-	-	-	-	-
Building Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New	(226,000)	(100,000)	(260,000)	(100,000)	(10,000)	-	-	-	-	-	-	(696,000)
	(226,000)	(100,000)	(260,000)	(100,000)	(10,000)	-	-	-	-	-	-	(696,000)

GROWTH & NEW PROJECTS - FIRE SERVICES

	<u>2016</u>	<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>Project</u>
	<u>(approved)</u>											<u>Total</u>
Growth & New												
21005 New Fire Training Facility	-	10,050,000	-	-	-	-	-	-	-	-	-	10,050,000
21101 CYFS - Access Control Locks	28,000											28,000
21102 Pumper for New Fire Stations		565,000										565,000
21103 CYFS - Water Softeners	16,000											16,000
21006 New Fire Station		5,450,000										5,450,000
21104 Turn Out Gear for New Crews			175,000									175,000
21105 CYFS - Outdoor Electric Display	16,000											16,000
	60,000	16,065,000	175,000									16,300,000
Funding Sources:												
Development Charges		(6,265,350)	(68,250)									(6,333,600)
Growth & New	(60,000)											(60,000)
Contribution from Newmarket	-	(9,799,650)	(106,750)									(9,906,400)
	(60,000)	(16,065,000)	(175,000)									(16,300,000)

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

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
Growth & New Projects:												
34515 Allocation for Growth Related Traffic Congestion	-	-	-	303,000	-	-	303,000	-	-	-	-	606,000
34516 Yonge St/Church St Signalization	-	-	206,040	-	-	-	-	-	-	-	-	206,040
34518 Pedestrian Crossings as per 2014 DC Study	-	-	72,050	-	-	72,050	-	-	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 S	-	182,810	-	-	-	-	-	-	-	-	-	182,810
34612 S/W - Bloomington Rd - Bayview to E Town Limit	-	-	-	-	1,524,000	-	-	-	-	-	-	1,524,000
34619 S/W - Bayview Ave - Vandorf to Wellington	-	-	70,000	1,500,000	-	-	-	-	-	-	-	1,570,000
34620 S/W, Multi-Use Trail & Illumination Leslie St N	-	361,580	-	-	-	-	-	-	-	-	-	361,580
34623 S/W - Bayview - Bloomington to Vandorf	-	-	-	1,000,000	-	-	-	-	-	-	-	1,000,000
34625 S/W - Bayview Ave - St John's to N Town limit	-	-	-	-	-	176,750	-	-	-	-	-	176,750
34627 S/W - Ind Pkwy N - E. Side, AFLC to St John's	515,660	-	-	-	-	-	-	-	-	-	-	515,660
34629 S/W - Mary - Ind. Pkwy S. to Wellington	75,000	586,000	-	-	-	-	-	-	-	-	-	661,000
34630 S/W - Yonge - Batson Dr to 185 m North	-	-	25,000	120,440	-	-	-	-	-	-	-	145,440
34631 S/W - Yonge - 185m N of Batson to St John's	-	-	30,000	304,000	-	-	-	-	-	-	-	334,000
34632 S/W - E side Yonge - St John's to N Town Limit	-	-	20,000	180,000	-	-	-	-	-	-	-	200,000
34633 S/W - W side Yonge - St John's to N Town Limit	-	-	20,000	231,000	-	-	-	-	-	-	-	251,000
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 Commerce	-	-	303,000	-	-	-	-	-	-	-	-	303,000
34637 S/W - Leslie St - 600 m N of Wellington to N Town	-	-	1,216,100	-	-	-	-	-	-	-	-	1,216,100
34638 S/W - Vandorf Sdrd - Bayview to 300m E	-	-	-	-	-	-	-	-	-	149,480	-	149,480
34639 S/W - Bathurst St - Bloomington Sdrd - N Town Lin	-	-	-	-	-	-	-	-	-	5,618,630	-	5,618,630
34640 S/W - Yonge St - Bloomington GO Bridge, E & W	-	-	-	-	1,424,780	-	-	-	-	-	-	1,424,780
34641 S/W - Industry St - Industrial Pkwy S - Mary St.	-	-	341,380	-	-	-	-	-	-	-	-	341,380
41005 Yonge St Sanitary Sewer Replacement	-	-	250,000	-	2,478,000	-	-	-	-	-	-	2,728,000
41006 Leslie St Sanitary Sewer - Service to 2C Lands	1,485,000	-	-	-	-	-	-	-	-	-	-	1,485,000
41010 SCADA Monitoring System	200,000	-	-	-	-	-	-	-	-	-	-	200,000
43048 St John's Sdrd - Leslie to 2C	-	1,444,300	-	-	-	-	-	-	-	-	-	1,444,300
43057 Spill Action Trailer	-	-	-	50,000	-	-	-	-	-	-	-	50,000
	2,275,660	4,260,990	2,768,030	4,000,940	5,426,780	371,350	303,000	-	194,600	5,768,110	-	25,369,460

Funding Sources:

Development Charges - Roads	(509,094)	(2,195,151)	(2,209,050)	(3,183,396)	(2,653,902)	(323,408)	(272,700)	-	(164,333)	(5,191,299)	-	(16,702,333)
Development Charges - Sanitary Sewer	(1,485,000)	-	(135,000)	-	(1,338,000)	-	-	-	-	-	-	(2,958,000)
Development Charges - Water	-	(1,444,300)	-	-	-	-	-	-	-	-	-	(1,444,300)
External Funding	-	-	-	-	-	-	-	-	-	-	-	-
Growth and New Reserve	(281,566)	(621,539)	(423,980)	(817,544)	(1,434,878)	(47,942)	(30,300)	-	(30,267)	(576,811)	-	(4,264,827)
	(2,275,660)	(4,260,990)	(2,768,030)	(4,000,940)	(5,426,780)	(371,350)	(303,000)	-	(194,600)	(5,768,110)	-	(25,369,460)

GROWTH AND NEW PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

Forecast Excludes Purchases of Parklands

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Growth & New Projects:												
73085 Arboretum Development	100,000	85,000	100,000	100,000	-	-	-	-	-	-	-	385,000
73177 Pedestrian Underpasses (3 locations on Leslie St and 2 locations on St. John's Sdrd)	687,882	-	-	-	-	-	-	-	-	-	-	687,882
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 Elderberry	-	-	-	-	-	-	-	1,500,000	-	-	-	1,500,000
73247 Coultts /Pandolofo 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
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
73169 Wildlife Park (Phase I, II & III)	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	-	-	-	-	-	5,000,000

continued.....

GROWTH AND NEW PROJECTS - PARKS, RECREATION & CULTURAL SERVICES

Forecast Excludes Purchases of Parklands

	<u>2016</u>	<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>	Project
	(approved)											Total
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
74009 Museum Curator	-	-	60,000	-	-	-	-	-	-	-	-	60,000
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 refrigeration	-	-	-	-	-	-	-	800,000	-	-	-	800,000
73119 Street Tree Planting	-	575,000	-	-	-	-	-	-	-	-	-	575,000
73282 Light Armoured Vehicle at Cenotaph	15,000	-	-	-	-	-	-	-	-	-	-	15,000
73285 Mavrinac Park	1,300,000	-	-	-	-	-	-	-	-	-	-	1,300,000
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 - Shinvest/Brookfield	-	-	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	960,000
74016 Cultural Precinct Plan	-	-	2,000,000	2,000,000	1,000,000	-	-	-	-	-	-	5,000,000
	2,102,882	3,195,000	11,740,000	5,450,000	2,862,000	3,350,000	1,080,000	3,250,000	115,000	615,000	100,000	33,859,882

Funding Sources:

Development Charges - Parks Dev	(687,882)	(1,054,000)	(7,528,500)	(2,925,000)	(1,585,800)	(2,925,000)	(882,000)	(2,835,000)	(13,500)	(463,500)	-	(20,900,182)
Cash in Lieu - Parkland	(1,350,000)	(1,090,000)	(848,000)	(375,000)	(176,200)	(325,000)	(75,000)	(305,000)	(1,500)	(1,500)	-	(4,547,200)
Parks Master Plan	-	-	-	-	-	-	-	-	-	-	-	-
Landscape Fee Reserve	-	(575,000)	-	-	-	-	-	-	-	-	-	(575,000)
Growth & New Reserve	(50,000)	(416,000)	(1,263,500)	(50,000)	-	-	(23,000)	(10,000)	-	(50,000)	-	(1,862,500)
Council Discretionary	(15,000)	-	-	-	-	-	-	-	-	-	-	(15,000)
Hydro Funds	-	(60,000)	(2,100,000)	(2,100,000)	(1,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(5,960,000)
	(2,102,882)	(3,195,000)	(11,740,000)	(5,450,000)	(2,862,000)	(3,350,000)	(1,080,000)	(3,250,000)	(115,000)	(615,000)	(100,000)	(33,859,882)

GROWTH AND NEW PROJECTS - FACILITIES & FLEET

	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Growth and New:												
Facilities:												
72113 New Recreation Facility	-	-	2,400,000	12,000,000	850,000	-	-	-	-	-	-	15,250,000
72114 New Library	-	-	665,000	7,600,000	1,235,000	-	-	-	-	-	-	9,500,000
72265 JOC - Solar Panels	130,000	-	-	-	-	-	-	-	-	-	-	130,000
74011 Relocation of Sports Hall of Fame	7,500	-	-	-	-	-	-	-	-	-	-	7,500
72111 Bldg Automation System Network	-	-	50,000	-	-	-	-	-	-	-	-	50,000
72250 AFLC - Roof Top Unit	35,000	-	-	-	-	-	-	-	-	-	-	35,000
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	172,500	1,160,000	3,115,000	19,600,000	2,085,000	-	-	-	-	-	-	26,132,500
Fleet:												
34162 Additions to the Town Fleet	-	-	100,000	-	150,000	150,000	150,000	150,000	-	-	-	700,000
34408 Forklift	-	20,000	-	-	-	-	-	-	-	-	-	20,000
34406 Electric Utility Vehicle	-	-	80,000	-	-	-	-	-	-	-	-	80,000
71090 Mini Excavator - Parks	-	-	40,000	-	-	-	-	-	-	-	-	40,000
71091 Skid Steer and Tracks - Parks	-	-	65,000	-	-	-	-	-	-	-	-	65,000
71092 Truck and Float - Parks	-	-	100,000	-	-	-	-	-	-	-	-	100,000
34168 New 6 Ton Dump Truck with Plow	-	-	200,000	-	-	-	-	-	-	-	-	200,000
34184 Water Truck	-	-	-	70,000	-	-	-	-	-	-	-	70,000
34187 3 Tonne Truck	-	-	90,000	-	-	-	-	-	-	-	-	90,000
34238 Street Sweeper	310,418	-	-	-	-	-	-	-	-	-	-	310,418
Total Fleet	310,418	20,000	675,000	70,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,675,418
Total Facilities and Fleet	482,918	1,180,000	3,790,000	19,670,000	2,235,000	150,000	150,000	150,000	150,000	150,000	150,000	27,807,918
Funding Sources:												
Development Charges	(310,876)	(1,026,000)	(3,366,000)	(17,703,000)	(2,011,500)	(135,000)	(135,000)	(135,000)	-	-	-	(24,822,376)
Special Purposes	(130,000)	-	-	-	-	-	-	-	-	-	-	(130,000)
Water & Sewer Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Parks Master Plan	-	-	-	-	-	-	-	-	-	-	-	-
Land Sales Proceeds	-	-	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New Reserve	(42,042)	(154,000)	(424,000)	(1,967,000)	(223,500)	(15,000)	(15,000)	(15,000)	-	-	-	(2,855,542)
Financing	-	-	-	-	-	-	-	-	-	-	-	-
Total Funding Sources	(482,918)	(1,180,000)	(3,790,000)	(19,670,000)	(2,235,000)	(150,000)	(150,000)	(150,000)	150,000	150,000	150,000	(27,807,918)

GROWTH & NEW PROJECTS - PLANNING & BUILDING SERVICES

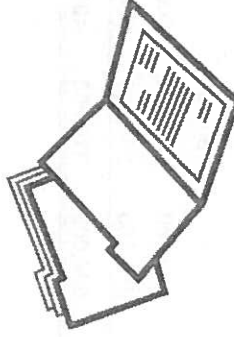
	2016 (approved)	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Project Total
Growth & New												
24011 Mobile Devices for BBS Building Division Website Portal	100,000	-	-	-	-	-	-	-	-	-	-	100,000
24013 Digital Plan Heiwev and E-Permits	-	75,000	-	-	-	-	-	-	-	-	-	75,000
81015 Community Improvement Plan	200,000	-	120,000	50,000	-	-	-	-	-	-	-	170,000
81016 Aurora Promenade Streetscape	-	-	200,000	-	-	-	-	-	-	-	-	400,000
			1,050,000	730,000								1,780,000
	300,000	75,000	1,370,000	780,000	-	-	-	-	-	-	-	2,525,000
Funding Sources:												
Building Reserve	-	(75,000)	-	-	-	-	-	-	-	-	-	(75,000)
Online Services	(80,000)	-	-	-	-	-	-	-	-	-	-	(80,000)
Mobile Devices	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New	-	-	(120,000)	(50,000)	-	-	-	-	-	-	-	(170,000)
Online Services	-	-	-	-	-	-	-	-	-	-	-	(20,000)
Mobile Devices	(20,000)	-	-	-	-	-	-	-	-	-	-	(400,000)
Community Improvement Plan	(200,000)	-	(200,000)	-	-	-	-	-	-	-	-	(400,000)
Aurora Promenade Streetscape	-	-	(1,050,000)	(730,000)	-	-	-	-	-	-	-	(1,780,000)
	(300,000)	(75,000)	(1,370,000)	(780,000)	-	-	-	-	-	-	-	(2,525,000)

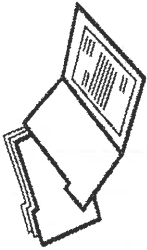
STUDIES & OTHER ASSETS

(Anticipated Spend of \$3,604,830 over 11 years)

Specific Studies & Other Assets are at the following pages:

STUDIES & OTHER SUMMARY	Page 47
Financial Services	Page 48
Corporate Services	Page 49
Planning & Building Services	Page 50
Infrastructure & Environmental Services	Page 51





STUDIES AND OTHER PROJECTS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS

	<u>2016</u> (Approved)	<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>10 YEAR</u> <u>OUTLOOK</u>	
Financial Services	-	-	125,000	-	-	-	-	130,000	-	-	-	255,000	
Corporate Services	-	35,000	-	-	80,000	-	-	-	-	80,000	-	195,000	
Planning & Building Services	300,000	-	30,000	80,000	30,000	300,000	30,000	-	110,000	-	300,000	880,000	
Infrastructure & Environment	74,830	-	375,000	450,000	200,000	100,000	-	375,000	200,000	200,000	-	1,900,000	
374,830	35,000	530,000	530,000	310,000	310,000	400,000	30,000	505,000	310,000	280,000	300,000	3,230,000	
												Total including 2016	3,604,830

STUDIES and OTHER

Financial Services	(54,830)	(35,000)	(267,500)	(130,000)	(238,000)	(130,000)	(30,000)	(238,000)	(110,000)	(208,000)	(30,000)	(1,416,500)	
Development Charges	(270,000)	-	(112,500)	-	(72,000)	(270,000)	-	(117,000)	-	(72,000)	(270,000)	(913,500)	
Special Purposes Reserves	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)	
Infrastructure Sustainability (Tax)	-	-	(150,000)	(100,000)	-	-	-	(150,000)	-	-	-	(400,000)	
Water/Sewer/Storm Res	(50,000)	-	-	(200,000)	-	-	-	-	(100,000)	-	-	(300,000)	
External Grants	-	-	-	-	-	-	-	-	-	-	-	-	
(374,830)	(35,000)	(530,000)	(530,000)	(310,000)	(310,000)	(400,000)	(30,000)	(505,000)	(310,000)	(280,000)	(300,000)	(3,230,000)	
												Total including 2016	(3,604,830)

Funding Sources:

Studies & Other Reserve	(54,830)	(35,000)	(267,500)	(130,000)	(238,000)	(130,000)	(30,000)	(238,000)	(110,000)	(208,000)	(30,000)	(1,416,500)	
Development Charges	(270,000)	-	(112,500)	-	(72,000)	(270,000)	-	(117,000)	-	(72,000)	(270,000)	(913,500)	
Special Purposes Reserves	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)	
Infrastructure Sustainability (Tax)	-	-	(150,000)	(100,000)	-	-	-	(150,000)	-	-	-	(400,000)	
Water/Sewer/Storm Res	(50,000)	-	-	(200,000)	-	-	-	-	(100,000)	-	-	(300,000)	
External Grants	-	-	-	-	-	-	-	-	-	-	-	-	
(374,830)	(35,000)	(530,000)	(530,000)	(310,000)	(310,000)	(400,000)	(30,000)	(505,000)	(310,000)	(280,000)	(300,000)	(3,230,000)	
												Total including 2016	(3,604,830)

STUDIES AND OTHER PROJECTS - FINANCIAL SERVICES

	<u>2016</u>	<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>	Project Total
(approved)												
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	-	-	(112,500)	-	-	-	-	(117,000)	-	-	-	(229,500)
Studies & Other	-	-	(12,500)	-	-	-	-	(13,000)	-	-	-	(25,500)
	-	-	(125,000)	-	-	-	-	(130,000)	-	-	-	(255,000)

14061 DC Background Study - 2019
14067 DC Background Study - 2024

Funding Sources:
Development Charges
Studies & Other

STUDIES AND OTHER PROJECTS INVESTMENT PLAN - CORPORATE SERVICES

	<u>2016</u>	<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>Total</u>
	<u>(approved)</u>											
Studies & Other												
14063 IT Strategic Plan	-	-	-	-	80,000	-	-	-	-	80,000	-	160,000
13011 Emergency Response Plan	-	35,000	-	-	-	-	-	-	-	-	-	35,000
	-	35,000	-	-	80,000	-	-	-	-	80,000	-	195,000

Funding Sources:

Development Charges	-	-	-	-	(72,000)	-	-	-	-	(72,000)	-	(144,000)
Building Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Studies & Other	-	(35,000)	-	-	(8,000)	-	-	-	-	(8,000)	-	(51,000)
	-	(35,000)	-	-	(80,000)	-	-	-	-	(80,000)	-	(195,000)

STUDIES & OTHER PROJECTS - PLANNING & BUILDING SERVICES

	<u>2016</u>	<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>	Project Total
Studies & Other												
81001 Official Plan Review	300,000	-	-	-	-	300,000	-	-	-	-	#####	900,000
12015 Town of Aurora Strategic Plan	-	-	-	80,000	-	-	-	-	80,000	-	-	160,000
12032 Resident Survey 2016 - 2024	-	-	30,000	-	30,000	-	30,000	-	30,000	-	-	120,000
	300,000	-	30,000	80,000	30,000	300,000	30,000	-	110,000	-	300,000	1,180,000
Funding Sources:												
Development Charges	(270,000)	-	-	-	-	(270,000)	-	-	-	-	(270,000)	(810,000)
Studies & Other	(30,000)	-	(30,000)	(80,000)	(30,000)	(30,000)	(30,000)	-	(110,000)	-	(30,000)	(370,000)
	(300,000)	-	(30,000)	(80,000)	(30,000)	(300,000)	(30,000)	-	(110,000)	-	(300,000)	(1,180,000)

STUDIES & OTHER PROJECTS - INFRASTRUCTURE & ENVIRONMENTAL SERVICES

	<u>2016</u>	<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>Project</u>
	(approved)											<u>Total</u>
Studies and Other												
31053 Salt Management Plan	-	-	100,000	-	-	-	-	100,000	-	-	-	200,000
31106 Assess Retaining Walls Condition	-	-	-	-	200,000	-	-	-	-	200,000	-	400,000
42057 Town-Wide Stream Erosion	-	-	-	-	-	-	-	-	-	-	-	-
34185 Green Fleet Operating Policies	-	-	50,000	-	-	-	-	50,000	-	-	-	100,000
34513 Update Master Transportation Study	-	-	100,000	-	-	-	-	100,000	-	-	-	200,000
41004 Wastewater Hydraulic Model	-	-	-	100,000	-	-	-	-	-	-	-	100,000
Storm Sewer Reserve Fund and Rates Study	50,000	-	-	-	-	-	-	-	-	-	-	50,000
42807 Corporate Environmental Action Plan	-	-	75,000	-	-	-	-	75,000	-	-	-	150,000
42808 Corporate Energy Mgmt Plan	-	-	-	50,000	-	-	-	-	-	-	-	50,000
42809 Municipal Energy Plan	-	-	-	-	-	100,000	-	-	-	-	-	100,000
43040 Water Hydraulic Model	-	-	-	100,000	-	-	-	-	-	-	-	100,000
43046 Water System Leak Detection Study	-	-	-	200,000	-	-	-	-	200,000	-	-	400,000
72191 Green Facilities Operating Policies	-	-	50,000	-	-	-	-	50,000	-	-	-	100,000
72202 Building Condition Report	24,830	-	-	-	-	-	-	-	-	-	-	24,830
	74,830	-	375,000	450,000	200,000	100,000	-	375,000	200,000	200,000	-	1,974,830

Funding Sources:

Engineering Fees	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)
Infrastructure Sustainability - Roads	-	-	(150,000)	(100,000)	-	-	-	(150,000)	-	-	-	(400,000)
Infrastructure Sustainability - Water	-	-	-	(200,000)	-	-	-	-	(100,000)	-	-	(300,000)
Infrastructure Sustainability - Wastewater	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure Sustainability - Storm	(50,000)	-	-	-	-	-	-	-	-	-	-	(50,000)
Studies & Other	(24,830)	-	(225,000)	(50,000)	(200,000)	(100,000)	-	(225,000)	-	(200,000)	-	(1,024,830)
	(74,830)	-	(375,000)	(450,000)	(200,000)	(100,000)	-	(375,000)	(200,000)	(200,000)	-	(1,974,830)

FUNDING SOURCES / RESERVE BALANCES / CASH FLOWS

SOURCES OF CAPITAL PLAN FUNDING:

- Consolidated Page 53
- Repair & Replacement Page 54
- Growth & New Page 55
- Studies & Other Page 56

10 YEAR RESERVE FORECASTS & CASH FLOW:

- Repair & Replacement, TAX Funded Pages 57 to 63
- Repair & Replacement, RATES Funded Page 64
- Growth & New Page 65
- Studies & Other Page 66

10 YEAR DEVELOPMENT CHARGE BALANCES & CASH FLOW:

- Consolidated D.C. Reserves & Cash Flow Page 67



ESTIMATED SOURCES OF FUNDING - CONSOLIDATED

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

	10 YEAR										OUTLOOK	
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2026
Base	(approved)	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	8,557,494	11,316,550	12,726,809	11,832,858	9,296,761	9,837,659	9,299,471	8,464,451	9,754,637	7,659,498	5,349,382	95,538,076
Growth & New Total	5,447,460	24,875,990	20,103,030	30,000,940	10,533,780	3,871,350	1,533,000	3,400,000	309,600	6,383,110	100,000	101,110,800
Studies & Other Total	374,830	35,000	530,000	530,000	310,000	400,000	30,000	505,000	310,000	280,000	300,000	3,230,000
TOTAL CAPITAL NEEDS (see Page 10)	14,379,784	36,227,540	33,359,839	42,363,798	20,140,541	14,109,009	10,862,471	12,369,451	10,374,237	14,322,608	5,749,382	199,878,876
												Total including 2016
												214,258,660
CONSOLIDATED FUNDING SOURCES:												
Repair & Replacement Reserve - Tax	(5,472,705)	(4,178,933)	(5,797,863)	(4,324,551)	(4,740,077)	(3,174,375)	(2,470,701)	(3,175,800)	(4,864,938)	(3,309,614)	(3,525,382)	(39,562,254)
Repair & Replacement Reserve - Rates	(1,532,630)	(4,524,100)	(6,371,145)	(6,682,695)	(3,250,000)	(4,404,100)	(4,747,086)	(3,209,467)	(3,160,515)	(2,520,700)	(1,924,000)	(40,793,808)
Growth & New Reserve	(879,608)	(1,291,539)	(3,741,460)	(3,714,544)	(1,668,378)	(62,942)	(68,300)	(25,000)	(30,267)	(626,811)	-	(11,229,261)
Studies & Other Reserve	(54,830)	(35,000)	(267,500)	(130,000)	(238,000)	(130,000)	(30,000)	(238,000)	(110,000)	(208,000)	(30,000)	(1,416,500)
Development Charges	(3,262,852)	(11,984,801)	(13,419,300)	(23,811,396)	(7,661,202)	(3,653,408)	(1,289,700)	(3,087,000)	(177,833)	(5,726,799)	(270,000)	(71,081,439)
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-
Special Purposes Reserves * (see below)	(2,312,118)	(2,844,417)	(2,038,240)	(2,006,046)	(888,318)	(989,618)	(562,118)	(939,618)	(336,118)	(236,118)	-	(10,840,611)
Federal / Provincial Grants (incl Gas Tax)	(865,041)	(1,569,100)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	-	(15,048,603)
External Funding (Region / Newmarket)	-	(9,799,650)	(106,750)	-	-	-	-	-	-	-	-	(9,906,400)
Other External Funding (Donations)	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	(14,379,784)	(36,227,540)	(33,359,839)	(42,363,798)	(20,140,541)	(14,109,009)	(10,862,471)	(12,369,451)	(10,374,237)	(14,322,608)	(5,749,382)	(199,878,876)
												Total including 2016
												(214,258,660)
* Special Purposes Reserves:												
Engineering Fees	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)
Building Services	(255,000)	(75,000)	-	-	-	-	-	-	-	-	-	(75,000)
Cash in Lieu of Parkland	(1,442,500)	(1,477,500)	(1,115,500)	(570,000)	(418,700)	(515,000)	(92,500)	(705,000)	(1,500)	(1,500)	-	(4,897,200)
Council Discretionary Reserve	(130,000)	-	-	-	-	-	-	-	-	-	-	-
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	-	-	-	-	(1,415,000)
Council Discretionary Reserve	(15,000)	-	-	-	-	-	-	-	-	-	-	(15,000)
Landscape Reserve Fee	-	(575,000)	-	-	-	-	-	-	-	-	-	(575,000)
	(2,312,118)	(2,844,417)	(2,038,240)	(2,006,046)	(888,318)	(989,618)	(562,118)	(939,618)	(336,118)	(236,118)	-	(10,855,611)

ESTIMATED SOURCES OF FUNDING - REPAIR & REPLACEMENT

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

Base <u>2016</u> (approved)	<u>2017</u> Yr 1	<u>2018</u> Yr 2	<u>2019</u> Yr 3	<u>2020</u> Yr 4	<u>2021</u> Yr 5	<u>2022</u> Yr 6	<u>2023</u> Yr 7	<u>2024</u> Yr 8	<u>2025</u> Yr 9	<u>2026</u> Yr 10	<u>10 YEAR</u> <u>OUTLOOK</u>	
Repair & Replacement Requirement (Pg 13)	8,557,494	11,316,550	12,726,809	11,832,858	9,296,761	9,837,659	8,464,451	9,754,637	7,659,498	5,349,382	95,538,076	
Total including 2016											104,095,570	
<u>FUNDING SOURCES - TAX BASED:</u>												
Repair & Replacement Reserve - Tax Growth & New Reserve - Tax	(5,472,705)	(4,178,933)	(5,647,883)	(4,224,551)	(4,740,077)	(3,174,375)	(2,470,701)	(3,025,800)	(4,864,938)	(3,309,614)	(3,525,382)	(39,162,254)
Special Purposes Reserves * (see below)	(737,118)	(1,104,417)	(1,190,240)	(1,531,046)	(712,118)	(664,618)	(487,118)	(634,618)	(234,618)	-	-	(6,793,411)
Federal Gas Tax	(865,041)	(1,569,100)	(1,617,541)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	(1,694,566)	-	-	(15,048,603)
Other External Funding	-	-	-	-	-	-	-	-	-	-	-	-
Total											(7,074,864)	
<u>FUNDING SOURCES - RATES BASED:</u>												
Repair & Replacement Reserve - Rates:												
Water Project Funding	(1,080,230)	(2,080,900)	(1,163,199)	(1,000,000)	(350,000)	(1,868,100)	(1,712,140)	(1,361,839)	(1,376,890)	(1,075,000)	(239,894)	(12,227,962)
Waste Water Project Funding	(114,100)	(373,100)	(755,787)	(228,266)	(225,000)	(1,031,800)	(195,189)	(201,597)	(273,829)	(189,300)	(437,873)	(3,911,741)
Storm Water Project Funding	(288,300)	(2,010,100)	(2,352,159)	(3,154,429)	(1,575,000)	(1,404,200)	(2,739,757)	(1,546,031)	(1,309,796)	(1,156,400)	(1,146,233)	(18,394,105)
Total											(1,482,630)	
Total 'R & R' FUNDING SOURCES											(8,557,494)	
Total including 2016											(104,095,570)	

* Special Purposes Reserves & Other:

Building Department	(175,000)	-	-	-	-	-	-	-	-	-	-	
Cash in Lieu of Parkland	(92,500)	(387,500)	(267,500)	(195,000)	(242,500)	(190,000)	(17,500)	(400,000)	-	-	-	(1,700,000)
EAB Reserve	(235,000)	(235,000)	(235,000)	(235,000)	(235,000)	(240,000)	(235,000)	(235,000)	(235,000)	-	-	(1,415,000)
Total											(737,118)	
Total including 2016											(234,618)	

ESTIMATED SOURCES OF FUNDING - GROWTH & NEW

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

Base 2016 (approved)	2017 Yr 1	2018 Yr 2	2019 Yr 3	2020 Yr 4	2021 Yr 5	2022 Yr 6	2023 Yr 7	2024 Yr 8	2025 Yr 9	2026 Yr 10	10 YEAR OUTLOOK	
Growth & New Requirement (Pg 38)	5,447,460	24,875,990	20,103,030	30,000,940	10,533,780	3,871,350	3,400,000	309,600	6,383,110	100,000	101,110,800	<u>106,558,260</u>
	(879,608)	(1,291,539)	(3,741,480)	(3,714,544)	(1,668,378)	(62,942)	(25,000)	(30,267)	(626,811)	-	(11,229,261)	
	(2,992,852)	(11,984,801)	(13,306,800)	(23,811,396)	(7,589,202)	(3,383,408)	(2,970,000)	(177,833)	(5,654,799)	-	(70,167,939)	
	(1,575,000)	(1,740,000)	(848,000)	(375,000)	(176,200)	(325,000)	(305,000)	(1,500)	(1,500)	-	(3,847,200)	
	-	(60,000)	(2,100,000)	(2,100,000)	(1,100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(5,960,000)	
	-	(9,799,650)	(106,750)	-	-	-	-	-	-	-	(9,906,400)	
TOTAL GROWTH & NEW FUNDING	(5,447,460)	(24,875,990)	(20,103,030)	(30,000,940)	(10,533,780)	(3,871,350)	(3,400,000)	(309,600)	(6,383,110)	(100,000)	(101,110,800)	<u>(106,558,260)</u>

'GROWTH & NEW' FUNDING SOURCES:

Growth & New Reserve
 Development Charges
 Special Purposes Reserves * (see below)
 Hydro Funds
 External Funding (Newmarket for Fire)

* Special Purposes Reserves:

Building Dept	(80,000)	(75,000)	-	-	-	-	-	-	-	-	(75,000)
Tax Rate Stabilization	(130,000)	-	-	-	-	-	-	-	-	-	-
Cash in Lieu of Parkland	(1,350,000)	(1,090,000)	(848,000)	(375,000)	(176,200)	(325,000)	(305,000)	(1,500)	(1,500)	-	(3,197,200)
Council Discretionary	(15,000)	-	-	-	-	-	-	-	-	-	-
Landscape Fees	-	(575,000)	-	-	-	-	-	-	-	-	(575,000)
	(1,575,000)	(1,740,000)	(848,000)	(375,000)	(176,200)	(325,000)	(305,000)	(1,500)	(1,500)	-	(3,847,200)

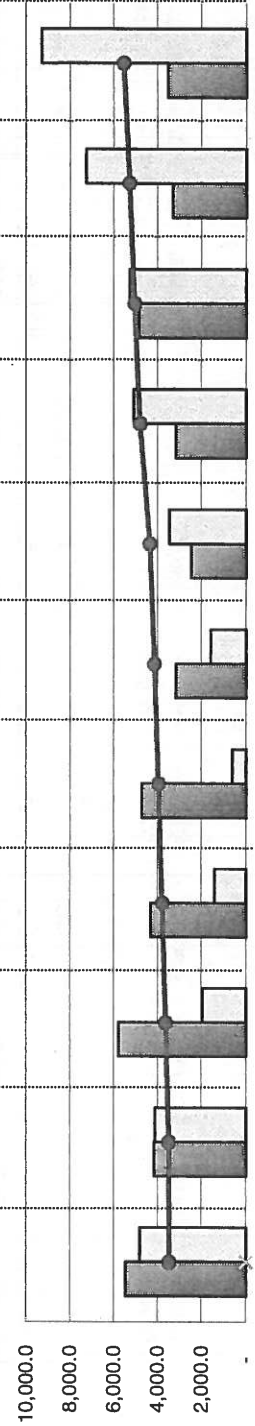
ESTIMATED SOURCES OF FUNDING - STUDIES & OTHER

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

	10 YEAR										OUTLOOK	
	2016 (approved)	2017 Yr 1	2018 Yr 2	2019 Yr 3	2020 Yr 4	2021 Yr 5	2022 Yr 6	2023 Yr 7	2024 Yr 8	2025 Yr 9		2026 Yr 10
Studies & Other Requirement (Pg 50)	374,830	35,000	530,000	530,000	310,000	400,000	30,000	505,000	310,000	280,000	300,000	3,230,000
												Total including 2016
*STUDIES & OTHER FUNDING SOURCES:												3,604,830
Studies & Other Reserve	(54,830)	(35,000)	(267,500)	(130,000)	(238,000)	(130,000)	(30,000)	(238,000)	(110,000)	(208,000)	(30,000)	(1,416,500)
Development Charges	(270,000)	-	(112,500)	-	(72,000)	(270,000)	-	(117,000)	-	(72,000)	(270,000)	(913,500)
Special Purposes Reserves * (see below)	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)
External Grants	-	-	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve - Tax	-	-	(150,000)	(100,000)	-	-	(150,000)	-	-	-	-	(400,000)
Repair & Replacement Reserve - Rates	(50,000)	-	-	(200,000)	-	-	-	-	(100,000)	-	-	(300,000)
TOTAL STUDIES & OTHER FUNDING	(374,830)	(35,000)	(530,000)	(530,000)	(310,000)	(400,000)	(30,000)	(505,000)	(310,000)	(280,000)	(300,000)	(3,230,000)
												Total including 2016
												(3,604,830)
* Special Purposes Reserves:												
Engineering Fees	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)
Cash in Lieu of Parkland	-	-	-	-	-	-	-	-	-	-	-	-
Landscape Reserve Fee	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	(100,000)	-	-	-	-	(100,000)	-	-	(200,000)

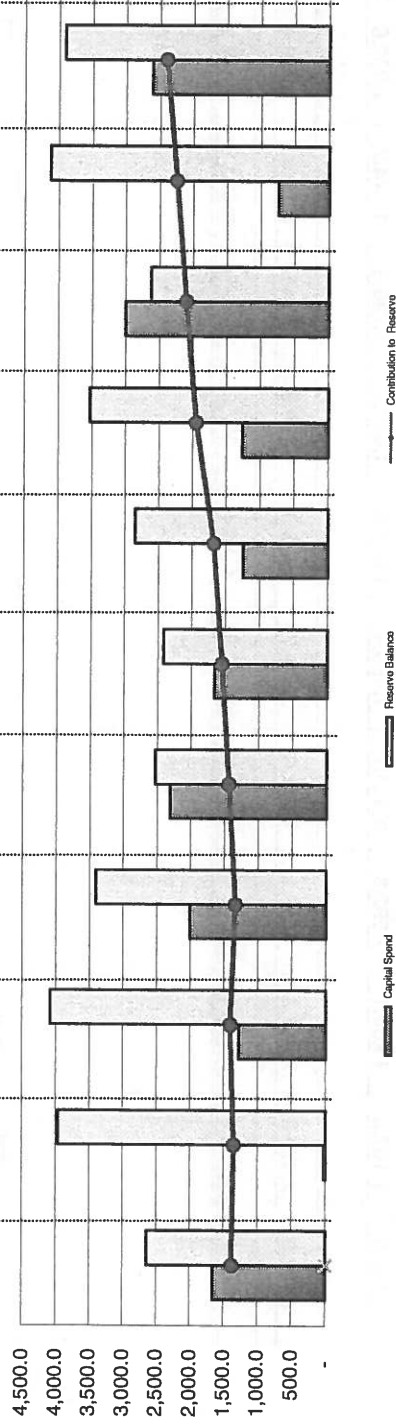
RESERVE FORECAST & CASH FLOW - TOTAL TAX BASED R & R RESERVE

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Shown in \$ 000's												
Opening R & R Reserve Balance	6,832.2	4,830.3	4,134.3	1,960.5	1,412.2	620.6	1,585.6	3,472.7	5,105.3	5,291.7	7,271.5	6,832.2
Reserve 'Revenue':												Opening Bal
Share of Cash to Capital	3,384.0	3,416.2	3,578.7	3,751.0	3,933.3	4,122.9	4,320.2	4,760.4	4,973.9	5,196.0	5,427.1	46,863.5
Reserve Balance Interest (@ 1.50%)	86.8	66.8	45.4	25.2	15.2	16.5	37.6	48.1	77.4	93.5	123.3	635.8
Total Revenue/Funding	3,470.8	3,483.0	3,624.1	3,776.2	3,948.5	4,139.4	4,357.8	4,808.5	5,051.3	5,289.5	5,550.4	47,499.3
Funding Requests:												
From R & R Reserves	5,472.7	4,178.9	5,797.9	4,324.6	4,740.1	3,174.4	2,470.7	3,175.8	4,864.9	3,309.6	3,525.4	45,035.0
Total Funding Requests	5,472.7	4,178.9	5,797.9	4,324.6	4,740.1	3,174.4	2,470.7	3,175.8	4,864.9	3,309.6	3,525.4	41,509.6
Closing R&R Reserve Balance	4,830.3	4,134.3	1,960.5	1,412.2	620.6	1,585.6	3,472.7	5,105.3	5,291.7	7,271.5	9,296.6	9,296.6
Made up of:												
Roads	2,644.0	3,966.6	4,088.3	3,408.3	2,532.0	2,422.1	2,850.3	3,533.8	2,629.0	4,127.5	3,911.9	3,911.9
Facilities	238.8	(1,264.2)	(2,571.4)	(2,021.4)	(1,653.0)	(1,030.3)	(110.4)	897.0	1,983.6	1,508.2	2,840.9	2,840.9
Information Technology	1,123.2	939.0	659.6	653.8	191.7	410.2	589.2	511.3	445.5	669.7	704.7	704.7
Fleet	902.6	503.5	(189.7)	(77.0)	(18.0)	183.5	441.7	317.6	233.8	774.2	1,337.0	1,337.0
Parks & Recreation	189.0	185.2	147.4	(395.4)	(288.8)	(264.4)	(165.8)	(19.9)	136.2	330.4	491.6	491.6
Council Discretionary	(267.4)	(195.8)	(173.6)	(156.1)	(143.3)	(135.4)	(132.4)	(134.4)	(136.4)	(138.4)	10.6	10.6
	4,830.3	4,134.3	1,960.5	1,412.2	620.6	1,585.6	3,472.7	5,105.3	5,291.7	7,271.5	9,296.6	9,296.6



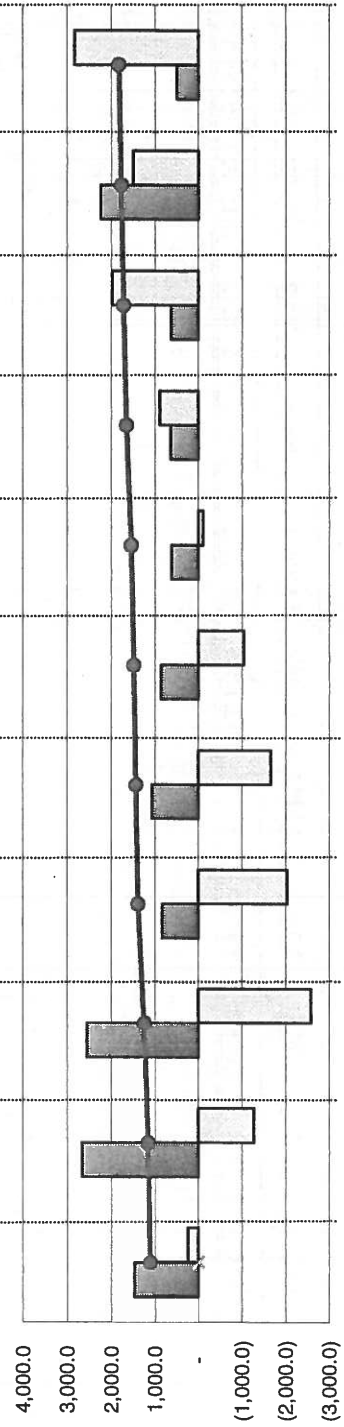
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - ROADS

Shown in \$ 000's	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Opening R & R Reserve Balance	2,923.6	2,644.0	3,966.6	4,088.3	3,408.3	2,532.0	2,422.1	2,850.3	3,533.8	2,629.0	4,127.5	2,923.6
Reserve 'Revenue':												
Share of Cash to Capital	1,340.0	1,301.5	1,344.4	1,275.9	1,391.9	1,512.5	1,638.1	1,918.3	2,054.2	2,195.6	2,342.7	18,315.0
Reserve Balance Interest (@ 1.50%)	41.4	49.1	60.1	55.9	44.3	37.0	39.2	31.7	45.9	50.2	59.9	514.7
Total Revenue/Funding	1,381.4	1,350.6	1,404.5	1,331.8	1,436.2	1,549.5	1,677.3	1,950.0	2,100.1	2,245.8	2,402.6	18,829.7
Funding Requests:												
Total Funding Requests	1,660.9	28.1	1,282.8	2,011.7	2,312.5	1,659.4	1,249.1	1,266.5	3,004.9	747.3	2,618.2	17,841.4
Closing R&R Reserve Balance	2,644.0	3,966.6	4,088.3	3,408.3	2,532.0	2,422.1	2,850.3	3,533.8	2,629.0	4,127.5	3,911.9	3,911.9



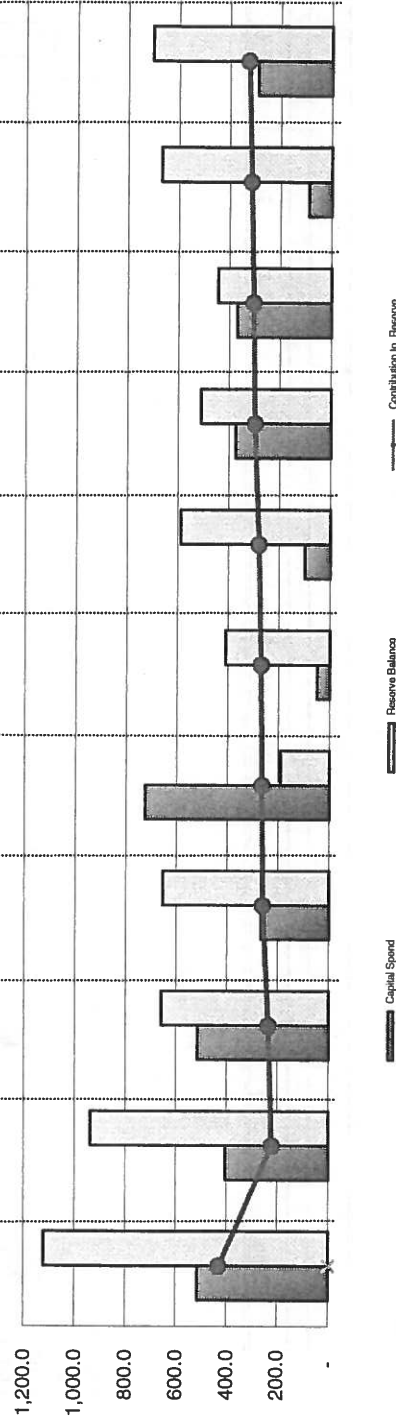
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FACILITIES

Shown in \$ 000's	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Opening R & R Reserve Balance	608.9	238.8	(1,264.2)	(2,571.4)	(2,021.4)	(1,653.0)	(1,030.3)	(110.4)	897.0	1,983.6	1,508.2	608.9
Reserve 'Revenue':												
Share of Cash to Capital	1,106.6	1,174.6	1,278.7	1,426.5	1,467.1	1,509.4	1,553.4	1,651.5	1,699.1	1,748.7	1,800.2	16,415.7
Reserve Balance Interest (@ 1.50%)	6.3	(7.6)	(28.6)	(34.2)	(27.4)	(20.0)	(8.5)	5.9	21.4	26.0	32.4	(34.3)
Total Revenue/Funding	1,112.9	1,167.0	1,250.1	1,392.3	1,439.7	1,489.4	1,544.9	1,657.4	1,720.5	1,774.7	1,832.6	16,381.4
Funding Requests:												
Total Funding Requests	1,483.0	2,670.0	2,557.3	842.2	1,071.3	866.7	625.0	650.0	634.0	2,250.0	500.0	14,149.5
Closing R&R Reserve Balance	238.8	(1,264.2)	(2,571.4)	(2,021.4)	(1,653.0)	(1,030.3)	(110.4)	897.0	1,983.6	1,508.2	2,840.9	2,840.9



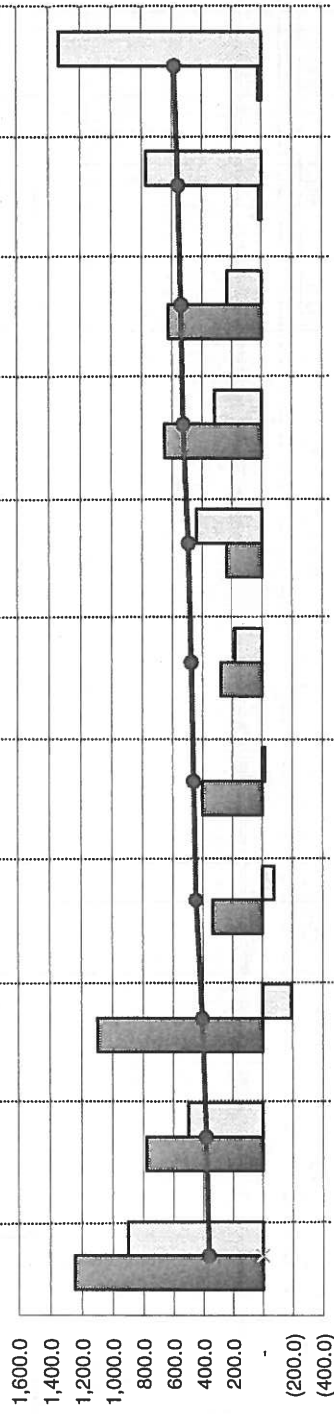
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FLEET

Shown in \$ 000's	11 Year											
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	TOTAL
Opening R & R Reserve Balance	1,209.0	1,123.2	939.0	659.6	653.8	191.7	410.2	589.2	511.3	445.5	669.7	1,209.0
Reserve 'Revenue':												
Share of Cash to Capital	412.8	205.4	223.6	249.5	256.6	264.0	271.7	288.8	297.2	305.8	314.8	3,090.2
Reserve Balance Interest (@ 1.50%)	17.4	15.4	11.9	9.8	6.3	4.5	7.4	8.2	7.1	8.3	10.2	106.5
Total Revenue/Funding	430.2	220.8	235.5	259.3	262.9	268.5	279.1	297.0	304.3	314.1	325.0	3,196.7
Funding Requests:												
Total Funding Requests	516.0	405.0	515.0	265.0	725.0	50.0	100.0	375.0	370.0	90.0	290.0	3,701.0
Closing R&R Reserve Balance	1,123.2	939.0	659.6	653.8	191.7	410.2	589.2	511.3	445.5	669.7	704.7	704.7



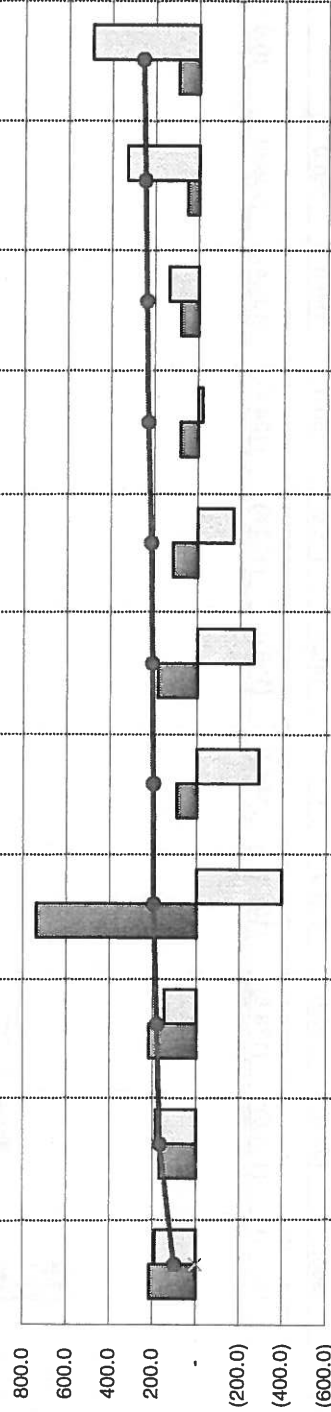
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - PARKS & RECREATION

Shown in \$ 000's	11 Year											
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	TOTAL
Opening R & R Reserve Balance	1,785.7	902.6	503.5	(189.7)	(77.0)	(18.0)	183.5	441.7	317.6	233.8	774.2	1,785.7
Reserve 'Revenue':												
Share of Cash to Capital	345.2	371.3	404.2	451.0	463.8	477.2	491.1	522.1	537.2	552.8	569.1	5,185.1
Reserve Balance Interest (@ 1.50%)	20.0	10.5	2.3	(2.0)	(0.7)	1.2	4.7	5.7	4.1	7.5	15.7	69.0
Total Revenue/Funding	365.2	381.8	406.5	449.0	463.1	478.4	495.8	527.8	541.3	560.3	584.8	5,254.1
Funding Requests:												
Total Funding Requests	1,248.3	781.0	1,099.8	336.3	404.1	276.9	237.5	652.0	625.0	20.0	22.0	5,702.8
Closing R&R Reserve Balance	902.6	503.5	(189.7)	(77.0)	(18.0)	183.5	441.7	317.6	233.8	774.2	1,337.0	1,337.0



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

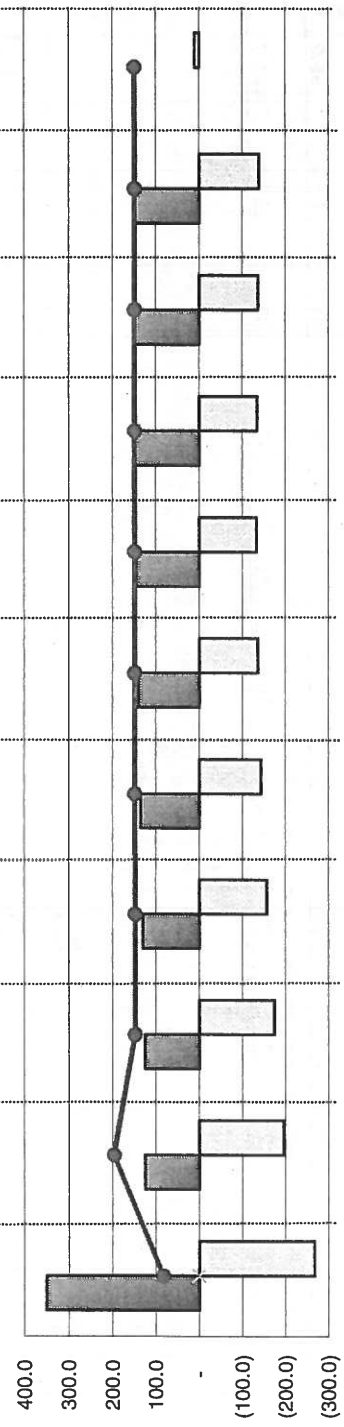
Shown in \$ 000's	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Opening R & R Reserve Balance	305.0	189.0	185.2	147.4	(395.4)	(288.8)	(264.4)	(165.8)	(19.9)	136.2	330.4	305.0
Reserve 'Revenue':												
Share of Cash to Capital	94.8	163.3	177.8	198.3	203.9	209.8	215.9	229.6	236.2	243.1	250.3	2,223.0
Reserve Balance Interest (@ 1.50%)	3.7	2.8	2.5	(1.8)	(5.1)	(4.1)	(3.2)	(1.4)	0.9	3.5	6.1	3.9
Total Revenue/Funding	98.5	166.1	180.3	196.5	198.8	205.7	212.7	228.2	237.1	246.6	256.4	2,226.9
Funding Requests:												
Total Funding Requests	214.5	169.9	218.1	739.3	92.2	181.3	114.1	82.3	81.1	52.3	95.2	2,040.3
Closing R&R Reserve Balance	189.0	185.2	147.4	(395.4)	(288.8)	(264.4)	(165.8)	(19.9)	136.2	330.4	491.6	491.6



Capital Spend Reserve Balance Contribution to Reserve

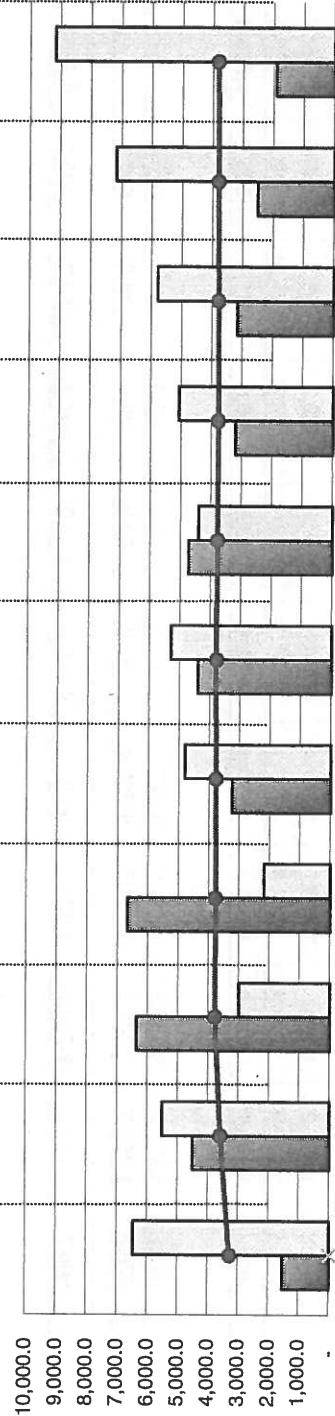
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - DISCRETIONARY

Shown in \$ 000's	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Opening R & R Reserve Balance	0.0	(267.4)	(195.8)	(173.6)	(156.1)	(143.3)	(135.4)	(132.4)	(134.4)	(136.4)	(138.4)	0.0
Reserve 'Revenue':												
Share of Cash to Capital	84.6	200.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	1,634.6
Reserve Balance Interest (@ 1.50%)	(2.0)	(3.4)	(2.8)	(2.5)	(2.2)	(2.1)	(2.0)	(2.0)	(2.0)	(2.0)	(1.0)	(24.0)
Total Revenue/Funding	82.6	196.6	147.2	147.5	147.8	147.9	148.0	148.0	148.0	148.0	149.0	1,610.6
Funding Requests:												
Accessibility Committee Projects (pg 16)	350.0	125.0	125.0	130.0	135.0	140.0	145.0	150.0	150.0	150.0	-	1,600.0
Closing R&R Reserve Balance	(267.4)	(195.8)	(173.6)	(156.1)	(143.3)	(135.4)	(132.4)	(134.4)	(136.4)	(138.4)	10.6	10.6



RESERVE FORECAST & CASH FLOW - RATE BASED RESERVE BALANCES

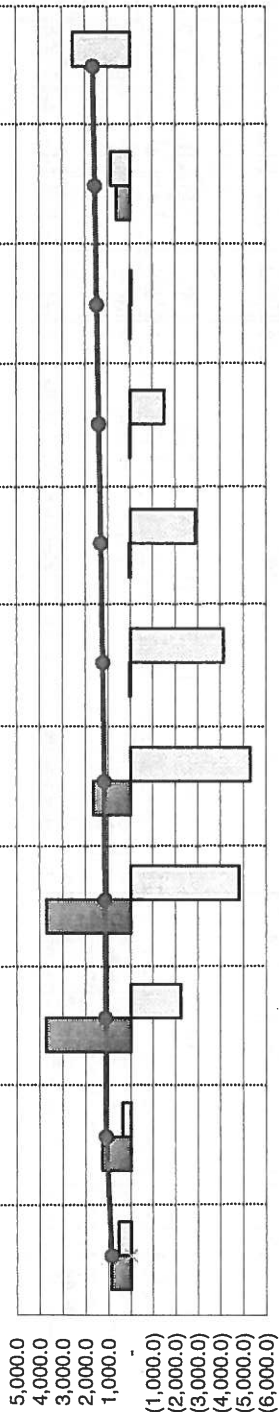
Shown in \$ 000's	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Water / Wastewater Reserve Balance	1,831.1	2,972.5	3,063.4	3,896.2	5,235.9	7,455.4	7,365.8	8,275.0	9,544.2	10,643.8	12,249.9	1,831.1
Storm Water Reserve Balance	2,882.9	3,492.1	2,526.8	1,202.4	(950.1)	(1,543.7)	(1,974.1)	(3,756.5)	(4,363.0)	(4,740.6)	(4,969.3)	2,882.9
Total "Rates" Reserve Balances	4,714.0	6,464.6	5,590.2	5,098.7	4,285.9	5,911.8	5,391.8	4,518.5	5,181.2	5,903.2	7,280.6	4,714.0
Reserve 'Revenue':												
NET From Water User Charges	1,600.0	1,700.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	1,800.0	19,500.0
NET From Wastewater User Charges	700.0	800.0	900.0	900.0	900.0	900.0	900.0	900.0	900.0	900.0	900.0	9,600.0
From Storm Water User Charges	900.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	10,900.0
Water /Wastewater Reserve Bal Int @ 1.50%	35.7	44.9	51.8	68.0	94.5	110.3	116.5	132.6	150.3	170.4	198.9	1,173.9
Storm Water Reserve Bal Int @ 1.50%	47.5	44.8	27.8	1.9	(18.6)	(26.2)	(42.7)	(60.4)	(67.8)	(72.3)	(75.6)	(241.6)
Total Revenue/Funding	3,283.2	3,589.7	3,779.6	3,769.9	3,775.9	3,784.1	3,773.8	3,772.2	3,782.5	3,798.1	3,823.3	40,932.3
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	4,524.1	6,371.1	6,682.7	3,250.0	4,404.1	4,747.1	3,209.5	3,160.5	2,520.7	1,924.0	36,366.4
Ending R&R Reserve Balance	6,464.6	5,530.2	2,998.7	2,185.9	4,811.8	5,291.8	4,418.5	5,081.2	5,803.2	7,180.6	9,179.9	9,279.9



Contribution to Reserve
 Reserve Balance

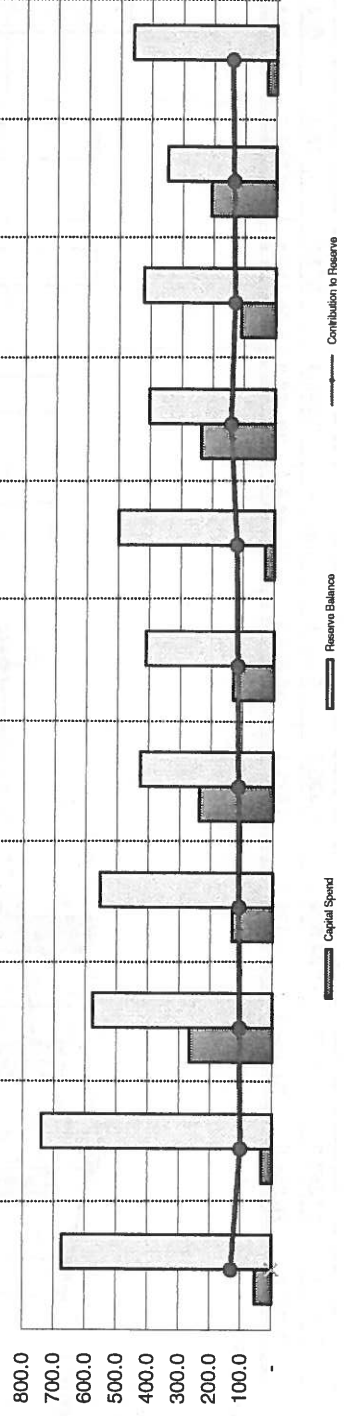
RESERVE FORECAST & CASH FLOW - GROWTH & NEW RESERVE

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Shown in \$ 000's												
Opening G & N Reserve Balance	576.6	560.3	371.8	(2,238.6)	(4,809.0)	(5,301.2)	(4,126.0)	(2,878.9)	(1,507.4)	(56.0)	883.3	576.6
Opening Federal Gas Tax Reserve Balance	-	-	-	-	-	-	-	-	-	-	-	-
Total R & R Reserve Balance	576.6	560.3	371.8	(2,238.6)	(4,809.0)	(5,301.2)	(4,126.0)	(2,878.9)	(1,507.4)	(56.0)	883.3	576.6
Reserve 'Revenue':												
Share of Cash to Capital	854.8	1,096.2	1,144.9	1,196.7	1,251.4	1,308.3	1,367.6	1,429.2	1,493.3	1,560.0	1,629.3	14,331.6
Reserve Balance Interest (@ 1.50%)	8.5	6.9	(13.9)	(52.5)	(75.3)	(70.2)	(52.1)	(32.7)	(11.6)	6.2	25.5	(261.2)
Total Revenue/Funding	863.3	1,103.1	1,131.0	1,144.2	1,176.1	1,238.1	1,315.5	1,396.5	1,481.7	1,566.2	1,654.8	14,070.4
Funding Requests:												
From G & N Reserve Only (page 49)	879.6	1,291.5	3,741.5	3,714.5	1,668.4	62.9	68.3	25.0	30.3	626.8	-	12,108.9
Total Funding Requests	879.6	1,291.5	3,741.5	3,714.5	1,668.4	62.9	68.3	25.0	30.3	626.8	-	12,108.9
Ending R&R Reserve Balance	560.3	371.8	(2,238.6)	(4,809.0)	(5,301.2)	(4,126.0)	(2,878.9)	(1,507.4)	(56.0)	883.3	2,538.2	2,538.2



RESERVE FORECAST & CASH FLOW - STUDIES & OTHER RESERVE

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	11 Year TOTAL
Shown in \$ 000's												
Opening S & O Reserve Balance	598.8	674.4	740.4	577.2	554.4	427.0	411.2	500.8	403.3	422.6	349.1	598.8
Total R & R Reserve Balance	598.8	674.4	740.4	577.2	554.4	427.0	411.2	500.8	403.3	422.6	349.1	598.8
Reserve 'Revenue':												
Share of Cash to Capital	120.9	90.5	94.5	98.8	103.3	108.0	112.9	118.0	123.3	128.8	134.5	1,233.3
Reserve Balance Interest (@ 1.50%)	9.5	10.5	9.8	8.4	7.3	6.2	6.8	22.5	6.1	5.7	6.0	98.8
Total Revenue/Funding	130.4	101.0	104.3	107.2	110.6	114.2	119.7	140.5	129.4	134.5	140.5	1,332.1
Funding Requests:												
From S & O Reserve Only (page 49)	54.8	35.0	267.5	130.0	238.0	130.0	30.0	238.0	110.0	208.0	30.0	1,471.3
Total Funding Requests	54.8	35.0	267.5	130.0	238.0	130.0	30.0	238.0	110.0	208.0	30.0	1,471.3
Ending R&R Reserve Balance	674.4	740.4	577.2	554.4	427.0	411.2	500.8	403.3	422.6	349.1	459.6	459.6



DEVELOPMENT CHARGES - LONG TERM CASH FLOW AND RESERVE BALANCES

TOTAL

	<u>2016</u>	<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>Project Total</u>
Opening Balance	5,944.2	20,268.2	26,357.5	21,339.3	8,436.7	8,971.1	13,614.3	17,764.6	20,363.0	26,138.1	26,587.5	5,944.2
Reserve 'Revenue':												
Contribution from Developers*	19,400.0	24,000.0	14,300.0	11,500.0	8,800.0	9,000.0	6,000.0	5,900.0	6,100.0	6,200.0	6,300.0	117,500.0
Reserve Balance Interest (@ 1.50%)	195.1	347.1	355.1	221.7	129.6	168.1	233.6	283.8	346.2	392.5	439.9	3,112.6
Total Revenue	19,595.1	24,347.1	14,655.1	11,721.7	8,929.6	9,168.1	6,233.6	6,183.8	6,446.2	6,592.5	6,739.9	120,612.6
Funding Requests:												
Capital Requirement	3,394.4	12,084.8	13,519.3	23,911.4	7,689.2	3,825.4	1,389.7	3,187.0	277.8	5,754.8	442.0	75,475.8
Operating Requirement	1,030.6	753.7	734.5	712.9	706.0	699.5	693.5	398.4	393.2	388.3	383.8	6,894.4
Developer DC Credible Work	846.1	5,419.4	5,419.4	-	-	-	-	-	-	-	-	11,684.9
Total Requirements	5,271.1	18,257.9	19,673.2	24,624.3	8,395.2	4,525.0	2,083.2	3,585.4	671.0	6,143.1	825.8	94,055.2
Ending R&R Reserve Balance	20,268.2	26,357.5	21,339.3	8,436.7	8,971.1	13,614.3	17,764.6	20,363.0	26,138.1	26,587.5	32,501.6	32,501.6

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

