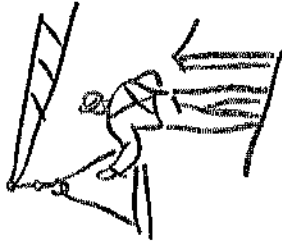


# 10 YEAR CAPITAL INVESTMENT PLAN

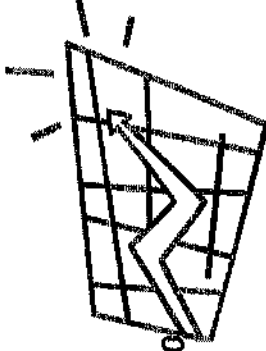
2019 Budget and 10 Year Outlook (2019 to 2029)



## REPAIR & REPLACEMENT

2019 to 2029 = \$131,740,517

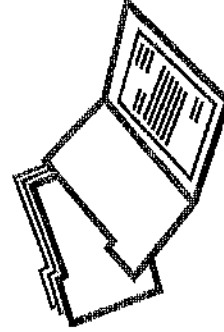
(see Page 2)



## GROWTH & NEW

2019 to 2029 = \$121,557,380

(see Page 31)



## STUDIES & OTHER

2019 to 2029 = \$4,342,800

(see Page 40)

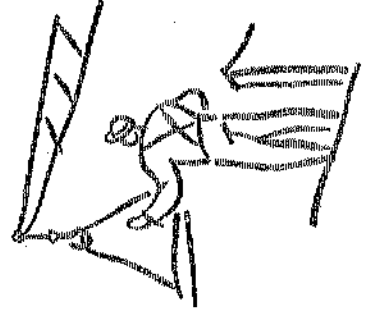
Total Investment Value for 2019 to 2029 = \$257,640,697

**REPAIR & REPLACEMENT ASSETS**

( Anticipated Spend of \$131,740,517 over 11 years )

Specific Repair & Replacement Assets are at the following pages:

<b>REPAIR &amp; REPLACEMENT SUMMARY</b>	<b>Page 2</b>
<b>CAO</b>	<b>Page 3</b>
<b>Financial Services</b>	<b>Page 4</b>
<b>Corporate Services</b>	<b>Page 5</b>
<b>Operational Services</b>	<b>Page 6</b>
<b>Community Services</b>	<b>Page 11</b>
<b>Planning &amp; Development Services</b>	<b>Page 17</b>





**REPAIR AND REPLACEMENT INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS**

	2019 (Approved)	10 YEAR OUTLOOK												
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029			
<b>TOTAL R &amp; R INVESTMENTS</b>														
C.A.O.	-	15,000	-	-	-	-	-	-	-	-	-	-	-	15,000
Financial Services	800,000	-	1,000,000	-	-	-	-	-	-	-	-	-	-	1,000,000
Corporate Services	633,000	326,309	459,385	315,475	107,513	84,055	47,625	111,765	200,154	173,508	-	-	-	1,825,789
Operational Services	1,197,100	1,116,000	4,175,900	1,773,900	2,309,500	1,358,500	1,824,100	696,500	428,800	906,600	198,600	198,600	198,600	14,788,400
Water Projects	3,000,000	2,818,250	552,150	1,080,000	545,700	1,572,431	1,114,131	737,998	1,882,388	243,300	200,000	200,000	200,000	10,746,348
Wastewater Projects	-	1,585,200	30,300	-	-	-	-	-	-	-	-	-	-	1,615,500
Stormwater Projects	1,410,000	4,044,550	868,148	1,426,000	1,973,256	1,998,281	697,977	2,477,767	1,531,285	200,000	1,600,000	1,600,000	1,600,000	16,817,264
Community Services	1,851,110	2,916,500	3,837,700	2,816,100	1,193,500	697,000	2,231,600	1,991,900	500,000	500,000	500,000	500,000	500,000	17,184,300
Planning & Building Services	1,100,000	7,416,900	6,331,845	5,314,278	3,519,241	8,016,701	5,033,814	4,327,481	7,696,346	6,666,600	3,433,500	3,433,500	3,433,500	57,756,706
	<b>9,991,210</b>	<b>20,238,709</b>	<b>17,255,428</b>	<b>12,725,753</b>	<b>9,648,710</b>	<b>13,726,968</b>	<b>10,949,247</b>	<b>10,343,411</b>	<b>12,238,973</b>	<b>8,690,008</b>	<b>5,932,100</b>	<b>5,932,100</b>	<b>5,932,100</b>	<b>121,749,307</b>
									<b>Total including 2019</b>					<b>131,740,517</b>
<b>Funding Sources:</b>														
R&R - Tax Based	(4,081,210)	(8,760,097)	(12,769,218)	(7,189,141)	(4,334,142)	(7,360,644)	(6,341,527)	(4,332,034)	(6,029,688)	(5,451,096)	(1,336,488)	(1,336,488)	(1,336,488)	(63,904,075)
R&R - Water Rates	(3,000,000)	(2,818,250)	(552,150)	(1,080,000)	(545,700)	(1,572,431)	(1,114,131)	(737,998)	(1,882,388)	(243,300)	(200,000)	(200,000)	(200,000)	(10,746,348)
R&R - Sewer Rates	-	(1,585,200)	(30,300)	-	-	-	-	-	-	-	-	-	-	(1,615,500)
R&R - Storm Rates	(1,410,000)	(4,044,550)	(868,148)	(1,426,000)	(1,973,256)	(1,998,281)	(697,977)	(2,477,767)	(1,531,285)	(200,000)	(1,600,000)	(1,600,000)	(1,600,000)	(16,817,264)
EAB Reserve	-	(235,000)	(240,000)	(235,000)	-	-	-	-	-	-	-	-	-	(710,000)
Federal Gas Tax	(1,150,000)	(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)	(1,694,566)	(1,694,566)	(16,945,660)
OCIF	-	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(11,010,460)
Discretionary R & R	(350,000)	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(9,991,210)</b>	<b>(20,238,709)</b>	<b>(17,255,428)</b>	<b>(12,725,753)</b>	<b>(9,648,710)</b>	<b>(13,726,968)</b>	<b>(10,949,247)</b>	<b>(10,343,411)</b>	<b>(12,238,973)</b>	<b>(8,690,008)</b>	<b>(5,932,100)</b>	<b>(5,932,100)</b>	<b>(5,932,100)</b>	<b>(121,749,307)</b>
									<b>Total including 2019</b>					<b>(131,740,517)</b>

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

<u>2019</u> (approved)	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project Total</u>
-	15,000	-	-	-	-	-	-	-	-	-	15,000
-	<b>15,000</b>	-	-	-	-	-	-	-	-	-	<b>15,000</b>
-	(15,000)	-	-	-	-	-	-	-	-	-	(15,000)
-	<b>(15,000)</b>	-	-	-	-	-	-	-	-	-	<b>(15,000)</b>

**Repair & Replacement**  
12037 Town of Aurora Website

**Funding Sources:**  
R & R

**REPAIR & REPLACEMENT PROJECTS - FINANCIAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>Financial Services</b>												
14012 Financial System Upgrade	800,000	-	1,000,000	-	-	-	-	-	-	-	-	1,800,000
43038 Water Meter Replacement Program	600,000	511,900	523,400	535,000	545,700	557,700	455,900	233,000	238,100	243,300	200,000	4,644,000
43055 Advanced Metering Infrastructure	2,000,000	-	-	-	-	-	-	-	-	-	-	2,000,000
	<del>3,400,000</del>	<del>511,900</del>	<del>1,523,400</del>	<del>535,000</del>	<del>545,700</del>	<del>557,700</del>	<del>455,900</del>	<del>233,000</del>	<del>238,100</del>	<del>243,300</del>	<del>200,000</del>	<del>8,444,000</del>
<b>Funding Sources:</b>												
Information Technology	(800,000)	-	(1,000,000)	-	-	-	-	-	-	-	-	(1,800,000)
Water & Sewer	(2,600,000)	(511,900)	(523,400)	(535,000)	(545,700)	(557,700)	(455,900)	(233,000)	(238,100)	(243,300)	(200,000)	(6,644,000)
R & R Reserve	<del>(3,400,000)</del>	<del>(511,900)</del>	<del>(1,523,400)</del>	<del>(535,000)</del>	<del>(545,700)</del>	<del>(557,700)</del>	<del>(455,900)</del>	<del>(233,000)</del>	<del>(238,100)</del>	<del>(243,300)</del>	<del>(200,000)</del>	<del>(8,444,000)</del>

**REPAIR & REPLACEMENT PROJECTS - CORPORATE SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project Total</u>
<b>Access Aurora</b>												
12002 Accessibility Implementation Plan	350,000	-	-	-	-	-	-	-	-	-	-	350,000
<b>Human Resources</b>												
<b>IT Services</b>												
14047 Computer & Related Infrastructure Renewal	283,000	171,309	263,885	215,475	107,513	84,055	47,625	111,765	200,154	173,508	-	1,658,289
14070 Boardroom Audio/Video Equipment	-	50,000	50,000	50,000	-	-	-	-	-	-	-	150,000
14075 Software Renewal	-	105,000	145,500	50,000	-	-	-	-	-	-	-	300,500
	<b>633,000</b>	<b>326,309</b>	<b>459,385</b>	<b>315,475</b>	<b>107,513</b>	<b>84,055</b>	<b>47,625</b>	<b>111,765</b>	<b>200,154</b>	<b>173,508</b>	<b>-</b>	<b>2,458,789</b>

**Funding Sources:**

Information Technology	283,000	301,309	434,385	290,475	107,513	84,055	47,625	111,765	200,154	173,508	-	2,033,789
Special R & R	350,000	-	-	-	-	-	-	-	-	-	-	350,000
Facilities R & R	-	25,000	25,000	25,000	-	-	-	-	-	-	-	75,000
R & R Reserve	<b>(633,000)</b>	<b>(326,309)</b>	<b>(459,385)</b>	<b>(315,475)</b>	<b>(107,513)</b>	<b>(84,055)</b>	<b>(47,625)</b>	<b>(111,765)</b>	<b>(200,154)</b>	<b>(173,508)</b>	<b>-</b>	<b>(2,458,789)</b>

**REPAIR & REPLACEMENT PROJECTS - OPERATIONAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>FLEET</b>												
24019	-	-	-	-	-	-	-	-	59,600	-	-	59,600
24020	-	-	-	-	-	-	57,100	-	-	-	-	57,100
24021	-	-	-	-	54,700	-	-	-	-	-	-	54,700
24022	-	-	60,000	-	-	-	-	-	-	-	-	60,000
31097	10,000	-	-	-	-	-	-	-	-	-	-	10,000
34196	-	-	-	85,300	-	-	-	-	-	-	-	85,300
34226	-	-	-	192,600	-	-	-	-	-	-	-	192,600
34401	-	-	-	-	218,300	-	-	-	-	-	-	218,300
34402	-	-	-	-	-	100,400	-	-	-	-	-	100,400
34404	-	-	-	-	-	50,200	-	-	-	-	-	50,200
34405	-	-	-	-	-	50,200	-	-	-	-	-	50,200
34414	-	-	-	-	-	-	-	-	97,100	-	-	97,100
34415	-	-	-	-	-	-	-	-	60,900	-	-	60,900
34416	-	-	-	-	-	-	-	-	54,700	-	-	54,700
34424	-	-	52,400	-	-	-	-	-	-	-	-	52,400
34427	-	-	-	-	50,000	-	-	-	-	-	-	50,000
34431	-	-	52,400	-	-	-	-	-	-	-	-	52,400
34432	-	-	52,400	-	-	-	-	-	-	-	-	52,400
34434	-	-	-	256,800	-	-	-	-	-	-	-	256,800
34436	-	-	251,200	-	-	-	-	-	-	-	-	251,200
34441	-	-	261,800	-	-	-	-	-	-	-	-	261,800
34448	-	-	20,000	-	-	-	-	-	-	-	-	20,000
34193	-	-	-	10,600	-	-	-	-	-	-	-	10,600
34241	-	-	-	-	-	-	-	104,800	-	-	-	104,800
34466	-	-	51,200	-	-	-	-	-	-	-	-	51,200
34467	-	-	-	64,200	-	-	-	-	-	-	-	64,200
34470	-	-	100,000	-	-	-	-	-	-	-	-	100,000
34227	-	-	340,200	-	-	-	-	-	-	-	-	340,200
34242	-	-	-	-	-	-	62,700	-	-	-	-	62,700
34243	-	-	-	-	-	-	62,700	-	-	-	-	62,700
34426	-	-	50,000	-	-	-	-	-	-	-	-	50,000
43059	10,000	-	-	-	-	-	-	-	-	-	-	10,000

**REPAIR & REPLACEMENT PROJECTS - OPERATIONAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
71110 Parks - Small Tractor - JD/870 (#299-25)	-	-	-	-	-	-	-	-	-	-	-	57,100
71120 Parks - Wide Area Mower (#225-26)	-	-	-	-	-	-	57,100	166,600	-	-	-	166,600
71125 Parks - Ford 350 Dump Truck (#228-27)	-	-	-	-	-	-	-	-	59,600	-	-	59,600
71129 Parks - Tractor - JD/4320 (#240-29), Groomer Attachment (#291-29)	-	-	-	-	-	-	-	-	-	-	74,500	74,500
71130 Parks - 1 Ton (#207-28)	-	-	-	-	-	-	-	-	-	60,900	-	60,900
71131 Parks - 3/4 Ton Truck (#212-28)	-	-	-	-	-	-	-	-	-	54,700	-	54,700
71133 Parks - 3/4 Ton Pick Up (#200-27)	-	-	-	-	-	-	-	-	59,600	-	-	59,600
71136 Parks - 1 Ton Pick Up Crew Cab (#203-21)	-	-	-	-	-	-	-	-	-	-	-	62,800
71137 Parks - 3/4 Ton Pick Up (#204-21)	-	-	62,800	-	-	-	-	-	-	-	-	62,800
71138 Parks - 3/4 Ton Pick Up (#205-21)	-	-	52,400	-	-	-	-	-	-	-	-	52,400
71139 Parks - 3/4 Ton Pick Up (#206-21)	-	-	52,400	-	-	-	-	-	-	-	-	52,400
71140 Parks - 1 Ton 4x4 Pick Up (#207-28)	-	-	50,000	-	-	-	-	-	-	-	-	50,000
71141 Parks - 3/4 Ton 4x4 Pick Up (#208-23)	-	-	-	-	-	-	-	-	-	60,900	-	60,900
71142 Parks - 3/4 Ton 4x4 Pick Up (#209-23)	-	-	-	54,700	-	-	-	-	-	-	-	54,700
71143 Parks - 3/4 Ton Pick Up (#212-28)	-	-	-	54,700	-	-	-	-	-	-	-	54,700
71145 Parks - Portable Welder (#216-25)	-	-	-	-	-	-	-	-	-	60,900	-	60,900
71147 Parks - Arborist Truck (#223-23)	-	-	-	-	74,300	-	28,500	-	-	-	-	74,300
71148 Parks - 3/4 Ton Pick Up Crew Cab (#224-25)	-	-	-	-	-	-	57,100	-	-	-	-	57,100
71149 Parks - 2 Ton Dump Truck (#225-23)	-	-	-	-	-	-	-	-	-	-	-	65,500
71150 Parks - 2 Ton Dump Truck (#227-21)	-	-	-	65,500	-	-	-	-	-	-	-	65,500
71151 Parks - 2 Ton Dump Truck (#228-27)	-	-	62,800	-	-	-	-	-	-	-	-	62,800
71152 Parks - 3 Ton Garbage Compactor (#229-22)	-	-	-	-	-	-	-	-	71,400	-	-	71,400
71153 Parks - Off Road Utility Vehicle (#230-21)	-	-	31,400	155,200	-	-	-	-	-	-	-	155,200
71154 Parks - Utility Trailer (#231-21)	-	-	10,400	-	-	-	-	-	-	-	-	10,400
71155 Parks - Utility Trailer (#232-26)	-	-	-	-	-	-	-	11,400	-	-	-	11,400
71157 Parks - Tractor (#242-26)	-	-	-	-	-	-	-	122,200	-	-	-	122,200
71158 Parks - Grass Chew Trailer (#244-21)	-	-	31,400	-	-	-	-	-	-	-	-	31,400
71159 Parks - Zero Turn Mower (#245-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71160 Parks - Zero Turn Mower (#246-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71161 Parks - Zero Turn Mower (#247-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71162 Parks - Zero Turn Mower (#248-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71163 Parks - Zero Turn Mower (#249-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71164 Parks - Zero Turn Mower (#250-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71165 Parks - Zero Turn Mower (#251-22)	-	-	-	17,200	-	-	-	-	-	-	-	17,200
71166 Parks - Articulating Compact Wheel Loader (#254-23)	-	-	-	-	120,000	-	-	-	-	-	-	120,000
71172 Parks - Tiller Attachment (#277-21)	-	-	12,000	-	-	-	-	-	-	-	-	12,000
73284 Parks - Sports Field Top Dresser (#292-28)	-	-	-	-	-	-	-	-	59,700	-	-	59,700
<b>TOTAL FLEET</b>	<b>20,000</b>	<b>1,857,200</b>	<b>885,300</b>	<b>692,200</b>	<b>200,800</b>	<b>325,200</b>	<b>405,000</b>	<b>309,900</b>	<b>74,500</b>	<b>450,100</b>	<b>74,500</b>	<b>5,020,200</b>



**REPAIR & REPLACEMENT PROJECTS - OPERATIONAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>PARKS</b>												
73160 Emerald Ash Borer Management Program	-	235,000	240,000	235,000	-	-	-	-	-	-	-	710,000
73281 AFLC - Skate Park	600,000	-	-	-	-	-	-	-	-	-	-	600,000
73175 Walkway Lights - Graham Parkette	-	-	41,000	-	-	-	-	-	-	-	-	41,000
73192 Board Walk Resurface	-	-	-	-	81,800	-	-	-	-	-	-	81,800
73196 Fleury Park Gazebo Repair/Replace	-	-	-	-	38,100	-	-	-	-	-	-	38,100
73203 James Lloyd Park Shelter Replace/Repair	-	-	-	-	35,000	-	-	-	-	-	-	35,000
73204 L. Wilson Park Gazebo Repair/Replace and Park Shelter	-	-	-	-	76,500	-	-	-	-	-	-	76,500
73210 Playground Replacement - Wilson Park	-	-	102,400	-	-	-	-	-	-	-	-	102,400
73212 Playground Replacement - Taylor Park	-	175,000	-	-	-	-	-	-	-	-	-	175,000
73213 Playground Replacement - Haman Park	-	153,600	-	-	-	-	-	-	-	-	-	153,600
73215 Playground Replacement - L. Wilson Park	-	-	178,100	-	-	-	-	-	-	-	-	178,100
73217 Playground Replacement - Summit Park	-	-	258,900	-	-	-	-	-	-	-	-	258,900
73218 Playground Replacement - Tom's Park	-	-	206,500	-	-	-	-	-	-	-	-	206,500
73219 Playground Replacement - Evans Park	-	-	104,700	-	-	-	-	-	-	-	-	104,700
73220 Playground Replacement - Atkinson Park	-	-	130,900	-	-	-	-	-	-	-	-	130,900
73221 Playground Replacement - Chapman Park	-	-	125,700	-	-	-	-	-	-	-	-	125,700
73222 Playground Replacement - Town Park	-	-	-	-	218,700	-	-	-	-	-	-	218,700
73224 Replace Artificial Turf - St Maximilian	-	-	-	-	656,100	-	-	-	-	-	-	656,100
73226 Splash Pad Surface Upgrade - Town Park	-	-	-	42,800	-	-	-	-	-	-	-	42,800
73227 Tennis Court Resturface - Norm Weller Park	-	-	-	-	22,000	-	-	-	-	-	-	22,000

**REPAIR & REPLACEMENT PROJECTS - OPERATIONAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
73231 Tennis Court Resurface - David English Park	20,000	-	-	-	-	-	-	-	-	-	-	20,000
73325 Tennis Court Resurface - David English Park	-	-	-	-	-	-	28,500	-	-	-	-	28,500
73232 Trail/Playground Re-design - Jack Wood Park	-	102,400	-	-	-	-	-	-	-	-	-	102,400
73239 Walkway Repaving - Atkinson Park	-	-	78,500	-	-	-	-	-	-	-	-	78,500
73240 Walkway/Basketball Repaving - Tamarac Park	30,000	-	-	-	-	-	-	-	-	-	-	30,000
73242 Improvements to Fleury Park Washroom Facility	250,000	-	-	32,100	-	-	-	-	-	-	-	282,100
73263 Playground/Boardwalk Upgrade - Brentwood Park	-	-	-	-	-	223,500	-	-	-	-	-	223,500
73264 Playground/Path Replacement - Optimist Park	-	-	-	-	-	223,500	-	-	-	-	-	223,500
73265 Playground/Path Replacement - Thompson Park	-	-	-	-	-	201,100	-	-	-	-	-	201,100
73277 Willow Farm Trail Improvements	-	-	181,500	-	-	-	-	-	-	-	-	181,500
73303 Tennis Court Resurface - Fleury Park	-	-	-	42,800	-	-	-	-	-	-	-	42,800
73304 Tennis Court Resurface - Summit Park	-	-	-	21,500	-	-	-	-	-	-	-	21,500
73305 Tennis Court Resurface - McMahon Park	-	-	-	80,200	-	-	-	-	-	-	-	80,200
73306 Sheppard's Bush Pavillion	-	-	-	-	-	-	57,200	-	-	-	-	57,200
73307 Playground Replacement - Timbers Park	-	-	-	-	-	83,800	-	-	-	-	-	83,800
73308 Playground Replacement - Confederation Park	-	-	-	-	164,100	-	-	-	-	-	-	164,100
73309 Playground Replacement - Hickson Park	-	-	-	-	-	-	142,700	-	-	-	-	142,700
73310 Playground Replacement - Fleury Park	-	-	-	-	-	-	-	175,100	-	-	-	175,100
73311 Playground Replacement - Seston Park	-	-	-	-	-	-	-	-	-	152,200	-	152,200
73313 Playground Replacement - Ada Johnson Park	-	-	-	-	-	-	-	-	-	182,800	-	182,800
73315 Sheppards Bush Parking Lot Resurface	250,000	-	-	-	-	-	-	-	-	-	-	250,000
73320 Subdivision Entry Signage - Batson & Yonge	27,100	-	-	-	-	-	-	-	-	-	-	27,100
73328 Tree Inventory	-	-	-	-	-	16,700	17,100	-	-	-	-	33,800
<b>TOTAL PARKS</b>	<b>1,177,100</b>	<b>666,000</b>	<b>1,648,200</b>	<b>454,400</b>	<b>1,292,300</b>	<b>748,600</b>	<b>245,500</b>	<b>175,100</b>	<b>-</b>	<b>335,000</b>	<b>-</b>	<b>6,742,200</b>

**REPAIR & REPLACEMENT PROJECTS - OPERATIONAL SERVICES**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>ROADS</b>												
72189	-	-	42,400	-	-	-	-	-	-	-	-	42,400
72322	-	-	327,600	-	-	-	-	-	-	-	-	327,600
72338	-	-	89,600	-	-	-	-	-	-	-	-	89,600
72399	-	-	20,500	-	-	-	-	-	-	-	-	20,500
72420	-	-	15,400	-	-	-	-	-	-	-	-	15,400
72373	-	-	-	84,200	-	-	-	-	-	-	-	84,200
72339	-	-	-	-	-	97,600	-	-	-	-	-	97,600
72136	-	-	-	-	-	-	1,139,500	-	-	-	-	1,139,500
34001	-	50,000	-	-	-	-	-	-	-	-	-	50,000
34008	-	200,000	200,000	200,000	200,000	200,000	-	-	-	-	-	1,000,000
34616	-	200,000	175,000	150,000	125,000	111,500	113,900	116,400	118,900	121,500	124,100	1,356,300
	-	<b>450,000</b>	<b>870,500</b>	<b>434,200</b>	<b>325,000</b>	<b>409,100</b>	<b>1,253,400</b>	<b>116,400</b>	<b>118,900</b>	<b>121,500</b>	<b>124,100</b>	<b>3,727,600</b>

<b>WATER &amp; RELATED</b>												
41013	-	50,000	-	-	-	-	-	-	-	-	-	50,000
42060	400,000	-	-	-	-	-	-	-	-	-	-	400,000
42073	250,000	-	-	-	-	-	-	-	-	-	-	250,000
	<b>650,000</b>	<b>50,000</b>	-	-	-	-	-	-	-	-	-	<b>700,000</b>

<b>TOTAL OPERATIONAL SERVICES</b>												
Fleet R & R	20,000	-	1,657,200	885,300	692,200	200,800	325,200	405,000	309,900	450,100	74,500	5,020,200
Parks R & R	1,177,100	666,000	1,648,200	454,400	1,292,300	748,600	245,500	175,100	-	335,000	-	6,742,200
Roads R & R	-	450,000	870,500	434,200	325,000	409,100	1,253,400	116,400	118,900	121,500	124,100	4,223,100
Water & Wastewater	400,000	-	-	-	-	-	-	-	-	-	-	400,000
Sanitary Sewer	250,000	50,000	-	-	-	-	-	-	-	-	-	50,000
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	250,000
	<b>1,847,100</b>	<b>1,166,000</b>	<b>4,175,900</b>	<b>1,773,900</b>	<b>2,309,500</b>	<b>1,358,500</b>	<b>1,824,100</b>	<b>696,500</b>	<b>428,800</b>	<b>906,600</b>	<b>198,600</b>	<b>16,685,500</b>

<b>FUNDING SOURCES</b>												
Fleet R & R	(20,000)	-	(1,657,200)	(885,300)	(692,200)	(200,800)	(325,200)	(405,000)	(309,900)	(450,100)	(74,500)	(5,020,200)
Parks R & R	(1,177,100)	(431,000)	(1,408,200)	(219,400)	(1,292,300)	(748,600)	(245,500)	(175,100)	-	(335,000)	-	(6,032,200)
Roads R & R	-	(450,000)	(870,500)	(434,200)	(325,000)	(409,100)	(1,253,400)	(116,400)	(118,900)	(121,500)	(124,100)	(4,223,100)
EAB Reserve	-	(235,000)	(240,000)	(235,000)	-	-	-	-	-	-	-	(710,000)
Landscape Fee	-	-	-	-	-	-	-	-	-	-	-	-
Water Service	(400,000)	-	-	-	-	-	-	-	-	-	-	(400,000)
Sanitary Sewer	(250,000)	(50,000)	-	-	-	-	-	-	-	-	-	(50,000)
Storm Sewer	-	-	-	-	-	-	-	-	-	-	-	(250,000)
	<b>(1,847,100)</b>	<b>(1,166,000)</b>	<b>(4,175,900)</b>	<b>(1,773,900)</b>	<b>(2,309,500)</b>	<b>(1,358,500)</b>	<b>(1,824,100)</b>	<b>(696,500)</b>	<b>(428,800)</b>	<b>(906,600)</b>	<b>(198,600)</b>	<b>(16,685,500)</b>

## REPAIR & REPLACEMENT PROJECTS - COMMUNITY SERVICES

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>Town Hall</b>												
72201 TH - Workstation Refresh, Carpet, Paint	150,000	250,000	157,100	160,600	-	-	-	-	-	-	-	717,700
72169 Town Hall - LAN Room HVAC	90,000	-	-	-	-	-	-	-	-	-	-	90,000
72404 TH - Replacement of exterior entrance doors	16,500	-	-	-	-	-	-	-	-	-	-	16,500
72405 TH - Replacement of roof sections and skylights	250,000	-	-	-	-	-	-	-	-	-	-	250,000
72419 TH - Repair concrete/stone walkways	-	33,500	-	-	-	-	-	-	-	-	-	33,500
72168 TH - Exterior Windows	-	-	176,400	-	176,400	-	-	-	-	-	-	352,800
72408 TH - Washroom Partitions	-	-	20,800	-	-	-	-	-	-	-	-	20,800
72413 TH - Forced Air and Gas Heaters	-	-	17,500	-	-	-	-	-	-	-	-	17,500
72416 TH - Exterior Lighting	-	-	28,200	-	-	-	-	-	-	-	-	28,200
72417 TH - Replacement of security system	-	-	76,800	-	-	-	-	-	-	-	-	76,800
72418 TH - Fire Alarm System	-	-	23,000	-	-	-	-	-	-	-	-	23,000
72414 TH - Upgrade Building Automation Systems	-	-	-	-	-	-	-	233,000	-	-	-	233,000
72448 TH - Interior Conversion to LED	95,000	-	-	-	-	-	-	-	-	-	-	95,000
72412 TH - Major Modernization of Elevator	-	-	-	-	109,100	-	-	-	-	-	-	109,100
72446 TH - HVAC - A/C Cooling/Humidification Unit	-	-	-	-	-	100,400	-	-	-	-	-	100,400
	<b>601,500</b>	<b>283,500</b>	<b>499,800</b>	<b>160,600</b>	<b>285,500</b>	<b>100,400</b>	<b>-</b>	<b>233,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,164,300</b>
<b>Aurora Seniors Centre</b>												
72213 ASC - LED Lighting	50,000	-	-	-	-	-	-	-	-	-	-	50,000
72393 ASC - Replacement of roofing sections	32,160	-	-	-	-	-	-	-	-	-	-	32,160
72394 ASC - Replacement of vinyl wall covering	36,400	-	-	-	-	-	-	-	-	-	-	36,400
72395 ASC - Repainting Interior Walls	-	-	-	29,900	-	-	-	-	-	-	-	29,900
72397 ASC - Rooftop HVAC Units	-	-	-	-	-	-	110,500	-	-	-	-	110,500
72398 ASC - Security System	-	-	-	53,600	-	-	-	-	-	-	-	53,600
	<b>118,560</b>	<b>-</b>	<b>-</b>	<b>83,500</b>	<b>-</b>	<b>-</b>	<b>110,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>312,560</b>
<b>22 Church St</b>												
72218 22 Church St - LED Lighting Retrofit	50,000	-	-	-	-	-	-	-	-	-	-	50,000
72121 22 Church St Brick Repairs	-	30,700	-	-	-	-	-	-	-	-	-	30,700
72217 22 Church St - Elevator Re & Re	-	-	-	-	-	-	-	-	-	-	-	-
72388 22 Church St - Repaint interior wall surfaces	-	35,800	-	-	-	-	-	-	-	-	-	35,800
72390 22 Church St - Forced Air and Gas Heaters	-	-	-	-	18,800	-	-	-	-	-	-	18,800
72389 22 Church St - Repair wood flooring	25,000	-	-	-	-	-	-	-	-	-	-	25,000
72387 22 Church St - Replace asphalt shingles	-	-	-	-	-	-	77,800	-	-	-	-	77,800
72192 22 Church St - Exterior Doors	-	90,800	-	-	-	-	-	-	-	-	-	90,800
	<b>75,000</b>	<b>157,300</b>	<b>-</b>	<b>-</b>	<b>18,800</b>	<b>-</b>	<b>77,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>328,900</b>



**REPAIR & REPLACEMENT PROJECTS - COMMUNITY SERVICES - continued**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>Stronach Recreation Centre</b>												
72323	20,000	-	-	-	-	-	-	-	-	-	-	20,000
		SARC - Repair of Concrete Walkways										
72406	62,850	-	-	-	-	-	-	-	-	-	-	62,850
		SARC - Ice Plant Repairs										
72438	43,000	-	-	-	-	-	-	-	-	-	-	43,000
		SARC - Pool - Supply, Install and Replace Bleachers										
72449	30,000	-	-	-	-	-	-	-	-	-	-	30,000
		SARC - Interior LED Retrofit										
74021	45,200	-	-	-	-	-	-	-	-	-	-	45,200
		Sound/Audio/Public Address System										
72263	-	90,000	-	-	-	-	-	-	-	-	-	90,000
		SARC - Cooling Evaporator Tower										
72305	-	10,200	-	-	-	-	-	-	-	-	-	10,200
		SARC - West Roof Area - Window Sealant										
72316	-	92,100	-	-	-	-	-	-	-	-	-	92,100
		SARC - Replacement of Plumbing Fixtures										
72450	-	128,000	-	-	-	-	-	-	-	-	-	128,000
		SARC - Low E-Ceiling - Arenas										
72456	-	20,000	-	-	-	-	-	-	-	-	-	20,000
		SARC - Hoyer Lifts - Accessibility Implementation Plan										
72320	-	-	163,800	-	-	-	-	-	-	-	-	163,800
		SARC - Replace gas fired Dessiccant Unit										
72312	-	-	23,000	-	-	-	-	-	-	-	-	23,000
		SARC - Main Entrance Doors										
72166	-	-	-	-	-	-	-	47,800	-	-	-	47,800
		SARC - Fire Control Panel										
72319	-	-	-	32,100	-	-	-	-	-	-	-	32,100
		SARC - Security System										
72321	-	-	-	642,000	-	-	-	-	-	-	-	642,000
		SARC - Ice Rink Dasher Boards										
72313	-	-	-	-	29,400	-	-	-	-	-	-	29,400
		SARC - Overhead Doors and Operators										
72317	-	-	-	-	-	35,100	-	-	-	-	-	35,100
		SARC - HVAC Pumps										
72314	-	-	-	-	-	-	-	419,200	-	-	-	419,200
		SARC - Modified Bitumen West Roof Section										
72315	-	-	-	-	-	-	-	326,200	-	-	-	326,200
		SARC - Repaint Interior Wall Surfaces										
72318	-	-	-	-	-	-	-	11,400	-	-	-	11,400
		SARC - Forced Flow and Gas Fired Heaters										
72137	-	-	-	-	-	-	854,800	-	-	-	-	854,800
		SARC - Asphalt Flat Roof (Pool & Common Area)										
	201,050	340,300	186,800	674,100	29,400	35,100	854,800	804,600	-	-	-	3,126,150
<b>Aurora Community Centre</b>												
72179	200,000	-	-	-	-	-	-	-	-	-	-	200,000
		ACC - Multi Purpose Room - Dressing Room Conversion										
72298	20,000	-	-	-	-	-	-	-	-	-	-	20,000
		ACC - Snow Melt Pit Boiler										
72340	13,500	-	-	-	-	-	-	-	-	-	-	13,500
		ACC - Reseal exterior windows										
72342	165,600	-	-	-	-	-	-	-	-	-	-	165,600
		ACC - Replace thermoplastic membrane roofing										
72172	-	73,900	-	-	-	-	-	-	-	-	-	73,900
		ACC - Sport Flooring										
72297	-	20,500	-	-	-	-	-	-	-	-	-	20,500
		ACC - Zamboni Room Heater										
72346	-	28,700	-	-	-	-	-	-	-	-	-	28,700
		ACC - Reseal concrete floors										
72347	-	26,900	-	-	-	-	-	-	-	-	-	26,900
		ACC - Replace suspended ceiling in lobby										
72442	60,000	-	-	-	-	-	-	-	-	-	-	60,000
		ACC - New Roll Up Doors (3)										
72447	-	-	-	71,700	-	-	-	-	-	-	-	71,700
		ACC - Low E-Ceiling - ACC#2										

**REPAIR & REPLACEMENT PROJECTS - COMMUNITY SERVICES - continued**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
72174												244,600
72227			244,600									244,600
72229			99,500									99,500
72407	50,000		99,500									99,500
72341												50,000
72345			11,600									11,600
72353			66,000									66,000
72357			66,000									66,000
72358				80,200								80,200
72360			314,000									314,000
72348			10,400									10,400
72343				10,600								10,600
72344						12,600						12,600
72354								73,500				73,500
								11,400				11,400
<b>Other</b>												
72306	18,000			162,500		12,600		84,900				1,830,700
72452												18,000
72453		50,000										50,000
72454		100,000										100,000
		20,000										20,000
72444	80,000											80,000
72186												61,600
72187					61,600							61,600
72190					76,600							76,600
72196				15,600								15,600
72435			500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,500,000
							21,600					21,600
<b>Aurora Family Leisure Complex</b>	98,000	170,000	500,000	515,600	638,200	500,000	521,600	500,000	500,000	500,000	500,000	4,943,400
72207			332,000									332,000
72324		55,000										55,000
72302		51,200										51,200
72303		25,600										25,600
72328		90,100										90,100
72441		150,000										150,000
72455		25,000										25,000
74007	50,000			37,400	65,500	48,900						201,800

**REPAIR & REPLACEMENT PROJECTS - COMMUNITY SERVICES - continued**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
72226		-	409,500	716,700	-	-	-	-	-	-	-	1,126,200
72326	15,400	-	-	-	-	-	-	-	-	-	-	15,400
74022	56,500	-	-	-	-	-	-	-	-	-	-	56,500
72274	100,000	-	-	-	-	-	-	-	-	-	-	100,000
72336	-	-	366,400	-	-	-	-	-	-	-	-	366,400
72208	-	-	-	-	136,500	-	-	-	-	-	-	136,500
72331	-	-	-	31,600	-	-	-	-	-	-	-	31,600
72333	-	-	-	-	19,600	-	-	-	-	-	-	19,600
72329	-	-	-	-	-	-	157,400	-	-	-	-	157,400
72330	-	-	-	-	-	-	36,900	-	-	-	-	36,900
72327	-	-	-	-	-	-	-	121,900	-	-	-	121,900
72334	-	-	-	-	-	-	-	11,400	-	-	-	11,400
72335	-	-	-	-	-	-	-	11,400	-	-	-	11,400
<b>215 Industrial Pkwy</b>	<b>221,900</b>	<b>396,900</b>	<b>1,107,900</b>	<b>785,700</b>	<b>221,600</b>	<b>48,900</b>	<b>194,300</b>	<b>144,700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,121,900</b>
72362	-	-	12,000	-	-	-	-	-	-	-	-	12,000
72365	-	-	33,500	-	-	-	-	-	-	-	-	33,500
72366	-	-	15,800	-	-	-	-	-	-	-	-	15,800
72369	-	-	30,700	-	-	-	-	-	-	-	-	30,700
72370	-	-	61,400	-	-	-	-	-	-	-	-	61,400
72374	-	-	76,800	-	-	-	-	-	-	-	-	76,800
72371	-	-	-	21,500	-	-	-	-	-	-	-	21,500
72372	-	-	-	64,200	-	-	-	-	-	-	-	64,200
72364	-	-	-	-	-	-	-	17,500	-	-	-	17,500
72367	-	-	-	-	-	-	18,300	-	-	-	-	18,300
72368	-	-	-	-	-	-	28,500	-	-	-	-	28,500
72268	-	-	256,000	-	-	-	-	-	-	-	-	256,000
	<b>-</b>	<b>-</b>	<b>486,200</b>	<b>85,700</b>	<b>-</b>	<b>-</b>	<b>46,800</b>	<b>17,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>636,200</b>



**REPAIR & REPLACEMENT PROJECTS - COMMUNITY SERVICES - continued**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
<b>Central York Fire Service</b>												
72375	-	-	88,900	-	-	-	-	-	-	-	-	88,900
72379	-	10,200	-	-	-	-	-	-	-	-	-	10,200
72376	-	-	-	25,800	-	-	-	-	-	-	-	25,800
72378	-	-	17,300	-	-	-	-	-	-	-	-	17,300
72380	-	-	-	-	-	-	34,100	-	-	-	-	34,100
72381	-	28,800	-	-	-	-	-	-	-	-	-	28,800
72382	-	-	-	-	-	-	349,700	-	-	-	-	349,700
72383	-	-	-	11,300	-	-	-	-	-	-	-	11,300
72384	-	26,900	-	-	-	-	-	-	-	-	-	26,900
72385	-	-	-	-	-	-	-	25,000	-	-	-	25,000
72386	-	-	-	-	-	-	-	69,900	-	-	-	69,900
<b>Library</b>												
72422	-	65,900	106,200	37,100	-	-	383,800	94,900	-	-	-	687,900
72425	-	-	-	204,300	-	-	-	-	-	-	-	243,500
72431	-	850,000	-	-	-	-	-	-	-	-	-	850,000
72432	-	21,000	-	-	-	-	-	-	-	-	-	21,000
72451	-	31,400	-	-	-	-	-	-	-	-	-	31,400
72434	-	-	-	-	-	-	-	-	-	-	-	-
72421	26,000	-	-	-	-	-	-	-	-	-	-	26,000
72425	-	440,000	-	-	-	-	-	-	-	-	-	440,000
72429	-	10,200	-	-	-	-	-	-	-	-	-	10,200
72423	-	-	-	-	-	-	-	19,300	-	-	-	19,300
72430	-	-	-	-	-	-	-	93,000	-	-	-	93,000
72426	-	-	-	107,000	-	-	-	-	-	-	-	107,000
72427	-	-	-	-	-	-	42,000	-	-	-	-	42,000
	26,000	1,352,600	39,200	311,300	-	-	42,000	112,300	-	-	-	1,883,400
	<b>1,851,110</b>	<b>2,916,500</b>	<b>3,837,700</b>	<b>2,816,100</b>	<b>1,193,500</b>	<b>697,000</b>	<b>2,231,600</b>	<b>1,991,900</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>19,035,410</b>

**Funding Sources:**

Facilities R & R Reserve	(1,851,110)	(2,916,500)	(3,837,700)	(2,816,100)	(1,193,500)	(697,000)	(2,231,600)	(1,991,900)	(500,000)	(500,000)	(500,000)	(19,035,410)
	<b>(1,851,110)</b>	<b>(2,916,500)</b>	<b>(3,837,700)</b>	<b>(2,816,100)</b>	<b>(1,193,500)</b>	<b>(697,000)</b>	<b>(2,231,600)</b>	<b>(1,991,900)</b>	<b>(500,000)</b>	<b>(500,000)</b>	<b>(500,000)</b>	<b>(19,035,410)</b>



**REPAIR & REPLACEMENT PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>Repair &amp; Replacement</b>												
31118 Recon - Browning Cr., Johnson Rd., Holman Cres., Baldwin Ave	-	4,762,000	-	-	-	-	-	-	-	-	-	4,762,000
31119 Recon - Adair Dr., Bailey Cres., Davidson Rd	-	4,500,700	-	-	-	-	-	-	-	-	-	4,500,700
31177 Recon - Vandord Sdrd - Monkman Cr - Carisbrooke Cir	1,000,000	-	-	-	-	-	-	-	-	-	-	1,000,000
31178 Reconstruction of Poplar Cr Road Resurfacing - Industrial Pkwy S (Engelhard to Yonge St), Vandord Sdrd (Industrial Pkwy S to Bayview Ave)	150,000	2,960,000	-	-	-	-	-	-	-	-	-	3,110,000
31054 Recon - Aurora Heights Dr - Bathurst - Foreit Cres (W)	-	1,705,300	200,000	2,439,000	-	-	-	-	-	-	-	1,705,300
31120 Recon - Crawford Rose Dr and Meadowood Dr	-	-	-	-	-	183,577	1,835,774	-	-	-	-	2,019,351
31122 Recon - Cenife St - Yonge - Spruce	-	-	517,875	-	-	-	-	-	-	-	-	517,875
31124 Road Resurfacing - Henderson Dr	-	175,000	1,500,000	-	-	-	-	-	-	-	-	1,675,000
31125 Recon - Timpson Dr., Dinsmore Terr., Trillium Dr., Windham Tr	-	-	-	-	299,598	3,273,807	-	-	-	-	-	3,573,405
Road Resurfacing - Allenvale Dr., Haida Dr., Kennedy St. W., Mill St., 31127 Sisman Ave., Treegrove Cir., McKinley Cr., Lenarthur Cr., Willow Farm Lane	-	-	-	1,267,322	-	-	-	-	-	-	-	1,267,322
Road Resurfacing - Conover Ave., 31128 Walton Dr., Whispering Pine Tr., Clubine Cr., Willow Farm Lane	-	-	807,702	-	-	-	-	-	-	-	-	807,702
Road Resurfacing - Conover Ave., 31129 Hollandview Tr., Hollidge Blvd., McMaster Ave	-	-	-	1,223,956	-	-	-	-	-	-	-	1,223,956
Road Resurfacing - Edward St., 31130 Gurnett St., Kennedy St E., Seaton Dr., Teasdale Cr., Stone Rd.,	-	-	1,748,966	-	-	-	-	-	-	-	-	1,748,966
Road Resurfacing - Cousins Dr., Fairway Dr., Eldon Cres., Highland 31131 Gate., Kennedy St., Mary St., Industry St., Richardson Dr., Lee Gate., Temperance St.,	-	-	-	-	1,430,736	-	-	-	-	-	-	1,430,736
Road Resurfacing - Earl Stewart Dr., 31132 Gateway Dr., Pedersen Dr., Spring Farm Rd., Walton Dr	-	-	-	-	1,152,341	-	-	-	-	-	-	1,152,341

**REPAIR & REPLACEMENT PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
31135 Road Resurfacing - Aurora Hts., Laurentide Ave., Tecumseh Dr.,	-	-	-	-	-	688,183	-	-	-	-	-	688,183
31136 Recon - Brookview Dr., Road Resurfacing - Spence Dr	-	-	-	-	78,788	897,621	-	-	-	-	-	976,409
31137 Road Resurfacing - Fouracre Way, Hartwell Way, Hollandview Tr., Mavrinac Blvd., Pedersen Dr	-	-	-	-	-	1,528,345	-	-	-	-	-	1,528,345
31138 Recon - Kernano Rd - Orchard Hts. To Crawford Rose Dr.	-	-	-	-	125,839	1,398,215	-	-	-	-	-	1,524,054
31145 Road Resurfacing - Industrial Pkwy N, John West Way, Old Yonge St	-	-	2,129,500	-	-	-	-	-	-	-	-	2,129,500
31149 Recon - Doodle St and George St	-	-	150,000	1,100,000	-	-	-	-	-	-	-	1,250,000
31156 Pavement Condition Assessment - 2023	-	-	-	-	50,500	-	-	-	-	-	-	50,500
31157 Recon - Mosley St - Yonge St - Berczy St	-	-	-	-	111,695	1,241,057	-	-	-	-	-	1,352,752
31158 Recon - Gilbank Dr Road Resurfacing - Bilbrough St., Birkshire Dr., Centre St., Kirkvalley Cres., Knole Haven Dr., Mark St., Raiford St., River Ridge Blvd., Wells St. N.	-	-	-	-	-	132,887	1,476,527	-	-	-	-	1,609,414
31160 Recon - Larmont St., Road Resurfacing - Metcalfe St, Church St.	-	-	-	-	-	81,021	983,670	-	-	-	-	1,064,691
31161 Road Resurfacing - Billingham Hts., Mavrinac Blvd., Milloy Pl., Hawfin Lane, Moorecrest Dr., Royal Rd	-	-	-	-	-	-	-	1,112,760	-	-	-	1,112,760
31162 Road Resurfacing - Burtonwood Tr., Child Dr., Baldwin Rd., Corner Ridge Rd., Jasper Dr., Tyler St., Woodland Hills Blvd.	-	-	-	-	-	-	-	1,448,772	-	-	-	1,448,772
31163 Recon - Brookland Ave - Banbury Crt to End	-	-	-	-	-	-	94,323	943,233	-	-	-	1,037,556
31164 Recon - McLeod Dr., Road Resurfacing - Babcock Blvd.	-	-	-	-	-	-	94,620	946,201	-	-	-	1,040,821
31165 Elderberry Tr., Little Erika Way, Willis Dr., Wardle Gate	-	-	-	-	-	-	-	-	646,752	-	-	646,752
31166 Recon - Banff Dr., Road Resurfacing - Kernano Rd	-	-	-	-	-	-	-	49,677	724,727	-	-	774,404
31167 Recon - Bridgenorth Dr., Earl Steward Dr., Marshview Ave.	-	-	-	-	-	-	-	186,004	1,961,069	-	-	2,147,073
31168 Recon - Wells St.	-	-	-	-	-	-	-	159,472	1,771,907	-	-	1,931,379
31169 Recon - Devilin Place Recon - Cameron Ave., Road Resurfacing - Connaught Ave., Harrison Ave., Millicliff Cir., Alder Cr., Chapman Crt., Ostick St., Spruce St.,	-	-	-	-	-	-	-	170,129	1,890,321	-	-	2,060,450
31170 Recon - Cameron Ave., Road Resurfacing - Connaught Ave., Harrison Ave., Millicliff Cir., Alder Cr., Chapman Crt., Ostick St., Spruce St.,	-	-	-	-	-	-	-	46,784	1,161,693	-	-	1,208,477

**REPAIR & REPLACEMENT PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
31171 Recon - Lensmith Dr	-	-	-	-	-	-	-	97,214	1,080,160	-	-	1,177,374
31172 Recon - Closs Sq., Devins Dr., Downey Cir., Trent St., Ballymore Dr., Fife Rd., Timberline Tr.	-	-	-	-	-	-	-	-	688,690	-	-	688,690
31180 Recon Downey Cir., Trent St., Ballymore Dr	-	-	-	-	-	-	-	-	112,700	1,608,800	-	1,721,500
31181 Recon - Fife Rd., Road Reconstruction - Penivale Gdns., Billbrough St., Brooks Ave., Lewis Honey Dr.	-	-	-	-	-	-	-	-	45,700	992,000	-	1,037,700
31182 Recon - Closs Sq., Road Reconstruction - Spruce St	-	-	-	-	-	-	-	-	80,000	1,026,500	-	1,106,500
31183 Recon - Devins Dr., Road Reconstruction - Hammond Dr	-	-	-	-	-	-	-	-	83,000	980,400	-	1,063,400
31184 Recon - Timberline Trail	-	-	-	-	-	-	-	-	100,200	1,430,400	-	1,530,600
31185 Road Resurfacing - Beatty Cres., Haskell Cres., Marsh Harbour, Charing Cres., Briardale Pl.	-	-	-	-	-	-	-	-	-	628,500	-	628,500
31186 Road Resurfacing - Beechbrooke Way, Batson Dr., Engelhard Dr., Carisbrooke Cir., Longthorpe Crt. Soleil Blvd., Machell., Irwin Ave.	-	-	-	-	-	-	-	-	-	-	1,634,300	1,634,300
31187 Road Resurfacing - Chippingwood Manor, Limeridge St., Pinnacle Tr., Tonner Cres., Collis Dr., Cottingham Way, Zokol Dr., Glass Dr.	-	-	-	-	-	-	-	-	-	-	1,405,700	1,405,700
31188 Recon - Twelve Oaks Dr., Pittypat Crt., Road Resurfacing - Maple St., Fleury St	-	-	-	-	-	-	-	-	-	-	82,600	82,600
31190 Recon - Autumn Way, Baycroft lane	-	-	-	-	-	-	-	-	-	-	72,700	72,700
31191 Recon - Willis Dr	-	-	-	-	-	-	-	-	-	-	108,700	108,700
31192 Resurfacing - Chiswick Cres., Carlyle Cres.	-	-	-	-	-	-	-	-	-	-	68,500	68,500
31193 Recon Stiemle Dr., Road Resurfacing - Loraview Lane	-	-	-	-	-	-	-	-	-	-	61,000	61,000
34617 SW - Edward St - 100m east of Yonce to Dunning Ave	-	-	-	75,000	363,000	-	-	-	-	-	-	438,000
81025 GIS Scanner	-	10,000	-	-	-	-	-	-	-	-	-	10,000
<b>TOTAL</b>	<b>1,150,000</b>	<b>14,113,000</b>	<b>7,054,043</b>	<b>6,105,278</b>	<b>3,612,497</b>	<b>9,424,713</b>	<b>5,790,022</b>	<b>5,160,246</b>	<b>10,346,919</b>	<b>6,666,600</b>	<b>3,433,500</b>	<b>72,856,818</b>

**REPAIR & REPLACEMENT PROJECTS - PLANNING & DEVELOPMENT SERVICES**

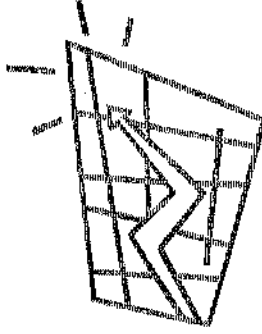
	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
Lake Simcoe Protection Plan Capital Works	-	-	-	-	-	-	600,000	600,000	-	-	-	1,200,000
42064 Storm Sewer Outlet Cleanup	-	760,000	-	-	-	-	-	-	-	-	-	760,000
42066 Damaged Storm Pipe off Henderson Dr.	960,000	-	-	-	-	-	-	-	-	-	-	960,000
42067 Storm Outfall Erosion at Mill Street	150,000	-	-	-	-	-	-	-	-	-	-	150,000
42069 Bridge Assessment	-	-	25,000	-	-	-	-	-	-	-	-	25,000
42070 Bridge Assessment	-	-	-	-	-	25,000	-	-	-	-	-	25,000
42071 Bridge Assessment	-	-	-	-	-	-	-	-	25,000	-	-	25,000
42075 Performance Monitoring of LID Controls	-	80,000	80,000	80,000	80,000	80,000	-	-	-	-	-	400,000
42079 Devlin Place Stream Rehabilitation	-	200,000	-	400,000	1,200,000	-	-	-	-	-	-	1,800,000
42080 Jones Crt Stream Rehabilitation	-	-	100,000	-	600,000	-	-	-	-	-	-	700,000
42081 Wellington St Phase 1 Stream Rehabilitation	-	-	-	-	-	-	-	-	-	200,000	1,400,000	1,600,000
42083 Willow Farm Lane Stream Rehabilitation	-	150,000	-	550,000	-	-	-	-	-	-	-	700,000
42084 Maintenance Holes in Streams Erosion Protection Plan	-	-	-	-	-	150,000	-	850,000	-	-	-	1,000,000
42085 Tyler St Stream Rehabilitation	-	-	-	-	-	-	-	600,000	-	-	-	600,000
42086 Sandusky Park Stream Rehabilitation	-	-	-	-	-	-	-	100,000	500,000	-	-	600,000
42087 Harriman Road Stream Rehabilitation	-	-	-	-	-	-	-	-	-	-	200,000	200,000
42089 Delayne Drive Channel Rehabilitation	-	-	-	150,000	-	1,350,000	-	-	-	-	-	1,500,000
<b>Total Requirements:</b>	<b>1,110,000</b>	<b>1,190,000</b>	<b>205,000</b>	<b>1,180,000</b>	<b>1,880,000</b>	<b>1,605,000</b>	<b>600,000</b>	<b>2,150,000</b>	<b>525,000</b>	<b>200,000</b>	<b>1,600,000</b>	<b>12,245,000</b>
Roads	1,100,000	7,416,900	6,331,845	5,314,278	3,519,241	8,016,701	5,033,814	4,327,481	7,696,346	6,666,600	3,433,500	58,856,706
Water & Sewer R & R	-	2,306,350	28,750	545,000	-	1,014,731	658,231	504,998	1,644,288	-	-	6,702,348
Sanitary Sewer R & R	-	1,535,200	30,300	-	-	-	-	-	-	-	-	1,565,500
Storm Sewer R & R	1,160,000	4,044,550	868,148	1,426,000	1,973,256	1,998,281	697,977	2,477,767	1,531,285	200,000	1,600,000	17,977,264
<b>Funding Sources:</b>	<b>2,260,000</b>	<b>15,303,000</b>	<b>7,259,043</b>	<b>7,285,278</b>	<b>5,492,497</b>	<b>11,029,713</b>	<b>6,390,022</b>	<b>7,310,246</b>	<b>10,871,919</b>	<b>6,866,600</b>	<b>5,033,500</b>	<b>85,101,818</b>
Roads R & R	(1,100,000)	(7,406,900)	(6,331,845)	(5,314,278)	(3,519,241)	(8,016,701)	(5,033,814)	(4,327,481)	(7,696,346)	(6,666,600)	(3,433,500)	(58,846,706)
Water & Sewer R & R	-	(2,306,350)	(28,750)	(545,000)	-	(1,014,731)	(658,231)	(504,998)	(1,644,288)	-	-	(6,702,348)
Sanitary Sewer R & R	-	(1,535,200)	(30,300)	-	-	-	-	-	-	-	-	(1,565,500)
Storm Sewer R & R	(1,160,000)	(4,044,550)	(868,148)	(1,426,000)	(1,973,256)	(1,998,281)	(697,977)	(2,477,767)	(1,531,285)	(200,000)	(1,600,000)	(17,977,264)
Computer & Related R & R	-	(10,000)	-	-	-	-	-	-	-	-	-	(10,000)
	<b>(2,260,000)</b>	<b>(15,303,000)</b>	<b>(7,259,043)</b>	<b>(7,285,278)</b>	<b>(5,492,497)</b>	<b>(11,029,713)</b>	<b>(6,390,022)</b>	<b>(7,310,246)</b>	<b>(10,871,919)</b>	<b>(6,866,600)</b>	<b>(5,033,500)</b>	<b>(85,101,818)</b>

**GROWTH & NEW ASSETS**

( Anticipated Spend of \$121,557,380 over 11 years )

Specific Growth & New Assets are at the following pages:

<b>GROWTH &amp; NEW SUMMARY</b>	<b>Page 21</b>
<b>Corporate Services</b>	<b>Page 22</b>
<b>Fire &amp; Emergency Services</b>	<b>Page 23</b>
<b>Operational Services</b>	<b>Page 24</b>
<b>Community Services</b>	<b>Page 25</b>
<b>Planning &amp; Development Services</b>	<b>Page 26</b>





**GROWTH AND NEW ASSETS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS**

	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	10 YEAR OUTLOOK
<b>GROWTH and NEW:</b>												
Corporate Services	100,000	198,800	405,600	95,000	-	-	-	-	-	-	-	699,400
Fire Services	461,250	75,600	26,900	-	894,900	1,886,200	551,500	-	-	-	2,000,000	5,435,100
Operational Services	2,106,000	1,673,200	4,633,600	1,572,200	2,006,000	1,324,600	1,689,700	96,000	96,000	96,000	-	13,187,300
Community Services	44,585,000	90,000	37,180,000	735,000	100,000	110,000	100,000	115,000	40,000	10,000	-	38,480,000
Planning & Development Services	1,235,300	1,216,100	1,104,350	2,265,040	303,000	1,883,430	5,768,110	-	-	-	-	12,540,030
<b>TOTAL GROWTH &amp; NEW</b>	<b>48,487,550</b>	<b>3,253,700</b>	<b>43,350,450</b>	<b>4,667,240</b>	<b>3,303,900</b>	<b>5,204,230</b>	<b>8,109,310</b>	<b>211,000</b>	<b>136,000</b>	<b>106,000</b>	<b>2,000,000</b>	<b>70,341,830</b>
Water/Sewer Projects	-	-	250,000	-	2,478,000	-	-	-	-	-	-	2,728,000
<b>TOTAL GROWTH &amp; NEW</b>	<b>48,487,550</b>	<b>3,253,700</b>	<b>43,600,450</b>	<b>4,667,240</b>	<b>5,781,900</b>	<b>5,204,230</b>	<b>8,109,310</b>	<b>211,000</b>	<b>136,000</b>	<b>106,000</b>	<b>2,000,000</b>	<b>73,069,830</b>
											<b>Total including 2019</b>	<b>121,557,380</b>
<b>Funding Sources:</b>												
Development Charges	(11,075,250)	(2,757,700)	(38,106,848)	(3,942,270)	(2,902,980)	(4,863,115)	(7,753,940)	-	-	-	(820,000)	(61,146,853)
Water & Sewer DCs	-	-	(135,000)	-	(1,338,120)	-	-	-	-	-	-	(1,473,120)
Special Purposes Reserve	(273,000)	(249,100)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	(48,000)	-	(1,508,660)
Growth & New Reserves	(2,004,300)	(226,900)	(4,852,553)	(459,320)	(1,218,180)	(70,255)	(104,990)	(63,000)	(48,000)	(58,000)	-	(7,101,198)
R & R Reserves	(35,000)	-	-	-	-	-	-	-	-	-	-	-
Development / Sale of Lan	-	-	-	-	-	-	-	-	-	-	-	-
Water & Sewer Reserves	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Funds	(21,600,000)	(20,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	-	-	(660,000)
External Funding	(13,500,000)	-	-	-	-	-	-	-	-	-	(1,180,000)	(1,180,000)
	<b>(48,487,550)</b>	<b>(3,253,700)</b>	<b>(43,600,450)</b>	<b>(4,667,240)</b>	<b>(5,781,900)</b>	<b>(5,204,230)</b>	<b>(8,109,310)</b>	<b>(211,000)</b>	<b>(136,000)</b>	<b>(106,000)</b>	<b>(2,000,000)</b>	<b>(73,069,830)</b>
											<b>Total including 2019</b>	<b>(121,557,380)</b>



**GROWTH & NEW PROJECTS - CORPORATE SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<b>Project Total</b>
<b>Growth &amp; New</b>												
12016 Customer Care Centre	-	-	200,000	50,000	-	-	-	-	-	-	-	250,000
13023 Access Aurora Telephony Project	-	51,200	160,600	-	-	-	-	-	-	-	-	211,800
14037 Joint Ops LAN Room & DR site	-	10,000	-	-	-	-	-	-	-	-	-	10,000
14058 Eclipse Project Portfolio Mgr	50,000	-	-	-	-	-	-	-	-	-	-	50,000
14068 Wireless Upgrades & Enhancements	-	20,500	-	-	-	-	-	-	-	-	-	20,500
14072 Cityview Upgrade	-	92,100	-	-	-	-	-	-	-	-	-	92,100
24012 Bylaw Permit Parking Program	50,000	-	-	-	-	-	-	-	-	-	-	50,000
14076 Digital Education Program	-	25,000	-	-	-	-	-	-	-	-	-	25,000
14079 Data Integration with Tools	-	-	45,000	45,000	-	-	-	-	-	-	-	90,000
	<b>100,000</b>	<b>198,800</b>	<b>405,600</b>	<b>95,000</b>	-	-	-	-	-	-	-	<b>799,400</b>
<b>Funding Sources:</b>												
Growth & New	(100,000)	(106,700)	(405,600)	(95,000)	-	-	-	-	-	-	-	(707,300)
Building Reserve	-	(92,100)	-	-	-	-	-	-	-	-	-	(92,100)
	<b>(100,000)</b>	<b>(198,800)</b>	<b>(405,600)</b>	<b>(95,000)</b>	-	-	-	-	-	-	-	<b>(799,400)</b>

**GROWTH & NEW PROJECTS - FIRE SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project</u>
	<u>(approved)</u>											<u>Total</u>
<b>Growth &amp; New</b>												
21106 Pumper for Fire Hall 4-5	410,000	-	-	-	-	-	-	-	-	-	-	410,000
21107 Fire Hall 4-5 Turn Out Gear	-	75,600	-	-	-	-	-	-	-	-	-	75,600
21108 Fire hall - 4-6 Turn Out Gear	-	-	-	-	-	-	84,200	-	-	-	-	84,200
21109 Fire - Smaller Vehicles	-	-	26,900	-	-	-	-	-	-	-	-	26,900
21110 Fire Hall 4-6 New Vehicle	-	-	-	-	-	-	467,300	-	-	-	-	467,300
21111 Fire Hall 4-6 Land and Building	-	-	-	-	894,900	1,829,000	-	-	-	-	-	2,723,900
21112 Fire Hall 4-7 Land and Building	-	-	-	-	-	-	-	-	-	-	2,000,000	2,000,000
21114 Fire Master Plan	51,250	-	-	-	-	-	-	-	-	-	-	51,250
21113 Fire Master Plan	-	-	-	-	-	57,200	-	-	-	-	-	57,200
	<b>461,250</b>	<b>75,600</b>	<b>26,900</b>	<b>-</b>	<b>894,900</b>	<b>1,886,200</b>	<b>551,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,000,000</b>	<b>5,896,350</b>

**Funding Sources:**

Development Charges	(461,250)	(75,600)	(26,900)	-	(894,900)	(1,886,200)	(551,500)	-	-	-	(820,000)	(4,716,350)
Growth & New	-	-	-	-	-	-	-	-	-	-	-	-
Contribution from Newmarket	-	-	-	-	-	-	-	-	-	-	(1,180,000)	(1,180,000)
	<b>(461,250)</b>	<b>(75,600)</b>	<b>(26,900)</b>	<b>-</b>	<b>(894,900)</b>	<b>(1,886,200)</b>	<b>(551,500)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(2,000,000)</b>	<b>(5,896,350)</b>



**GROWTH AND NEW PROJECTS - OPERATIONAL SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
<b>Growth &amp; New Projects:</b>												
34162 Additions to the Town Fleet	-	-	157,100	160,600	163,800	-	-	-	-	-	-	481,500
73085 Arboretum Development	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	96,000	-	960,000
73156 Multi Use courts as per Parks & Rec Master Plan	-	-	-	139,100	-	-	-	-	-	-	-	139,100
73162 Hard Ball Diamond	-	-	-	-	-	1,228,600	-	-	-	-	-	1,228,600
73165 BMX Park	-	-	-	481,500	-	-	-	-	-	-	-	481,500
73168 Artificial Ice Rink c/w Boards	-	-	-	-	-	-	1,023,800	-	-	-	-	1,023,800
73169 Wildlife Park - Phase 3/4	1,000,000	1,000,000	1,000,000	-	-	-	-	-	-	-	-	3,000,000
73244 Grade Separated Crossing - Vandorf	-	-	-	320,900	-	-	-	-	-	-	-	320,900
73245 Grade Separated Crossing - Bayview Ave at Stone Rd	-	-	785,200	-	-	-	-	-	-	-	-	785,200
73246 Grade Separated Crossing - Yonge St at Elderberry	-	-	-	-	1,637,100	-	-	-	-	-	-	1,637,100
73248 Rail Crossing at grade - McRoberts	-	-	-	-	109,100	-	-	-	-	-	-	109,100
73249 Rail Crossing at grade - Vata Crt	-	-	-	109,100	-	-	-	-	-	-	-	109,100
73290 Tree Inventory for 2C	-	15,000	-	15,000	-	-	-	-	-	-	-	30,000
73294 Emery lands/Trails	-	-	-	-	-	-	569,900	-	-	-	-	569,900
73295 Grade Separated Crossing - Bayview Ave at Beacon Hall	-	-	1,570,300	-	-	-	-	-	-	-	-	1,570,300
73296 Trails - BG Group Trail Connection	150,000	-	-	-	-	-	-	-	-	-	-	150,000
73298 Trails - McLeod Nature Reserve	-	-	100,000	250,000	-	-	-	-	-	-	-	350,000
73319 Canine Commons Upgrade	35,000	-	-	-	-	-	-	-	-	-	-	35,000
73321 Cattle Crawl Underpass	750,000	-	-	-	-	-	-	-	-	-	-	750,000
73323 Mattamy Phase 4/5 Trail	-	100,000	800,000	-	-	-	-	-	-	-	-	900,000
73327 DeGraaf Cres Trail	-	75,000	125,000	-	-	-	-	-	-	-	-	200,000
31176 Handheld Radios	-	10,200	-	-	-	-	-	-	-	-	-	10,200
34003 Snow Plow Safety Enhancements Pilot Project	-	12,000	-	-	-	-	-	-	-	-	-	12,000
34006 Pave Snow Storage Facility	-	350,000	-	-	-	-	-	-	-	-	-	350,000
34009 Winter Road Monitoring System	-	15,000	-	-	-	-	-	-	-	-	-	15,000
34224 Screening of Surplus Soil and Compost	35,000	-	-	-	-	-	-	-	-	-	-	35,000
34713 Street Light Pole Identification	40,000	-	-	-	-	-	-	-	-	-	-	40,000
	<b>2,106,000</b>	<b>1,673,200</b>	<b>4,633,600</b>	<b>1,572,200</b>	<b>2,006,000</b>	<b>1,324,600</b>	<b>1,689,700</b>	<b>96,000</b>	<b>96,000</b>	<b>96,000</b>	<b>-</b>	<b>15,293,300</b>

**Funding Sources:**

Development Charges - Roads	(40,000)	(377,000)	-	(160,600)	(163,800)	-	-	-	-	-	-	(741,400)
Development Charges - Parks & Fac	(1,745,000)	(1,071,000)	(4,083,840)	(1,184,040)	(1,571,580)	(1,105,740)	(1,434,330)	-	-	-	-	(12,195,530)
CIL Parkland	(238,000)	(157,000)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	(48,000)	-	(1,654,560)
Tax Rate Stabilization	(35,000)	-	-	-	-	-	-	-	-	-	-	(35,000)
Growth and New Reserve	(48,000)	(68,200)	(143,710)	(61,910)	(48,000)	(48,000)	(104,990)	(48,000)	(48,000)	(48,000)	-	(666,810)
	<b>(2,106,000)</b>	<b>(1,673,200)</b>	<b>(4,633,600)</b>	<b>(1,572,200)</b>	<b>(2,006,000)</b>	<b>(1,324,600)</b>	<b>(1,689,700)</b>	<b>(96,000)</b>	<b>(96,000)</b>	<b>(96,000)</b>	<b>-</b>	<b>(15,293,300)</b>

**GROWTH AND NEW PROJECTS - COMMUNITY SERVICES**

Forecast Excludes Land Purchases

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	Project Total
	(approved)											
<b>Growth &amp; New Projects:</b>												
72113 New Recreation Facility	-	-	37,000,000	600,000	-	-	-	-	-	-	-	37,600,000
74013 Museum Collection Infrastructure	10,000	-	10,000	35,000	-	10,000	-	15,000	-	10,000	-	90,000
74015 Cultural Services Master Plan	100,000	20,000	100,000	100,000	100,000	100,000	100,000	100,000	40,000	-	-	760,000
81019 Library Square	35,000,000	-	-	-	-	-	-	-	-	-	-	35,000,000
72410 SARC Gymnasium	9,400,000	-	-	-	-	-	-	-	-	-	-	9,400,000
74019 Active Net Scan System	-	20,000	-	-	-	-	-	-	-	-	-	20,000
72443 AFLC - Pylon Sign	60,000	-	-	-	-	-	-	-	-	-	-	60,000
73324 Pet Cemetery Restoration	15,000	20,000	20,000	-	-	-	-	-	-	-	-	55,000
72111 Building Automation System Network	-	-	50,000	-	-	-	-	-	-	-	-	50,000
72445 CYFS - Firehall 4-3 Pylon Sign	-	30,000	-	-	-	-	-	-	-	-	-	30,000
	<b>44,585,000</b>	<b>90,000</b>	<b>37,180,000</b>	<b>735,000</b>	<b>100,000</b>	<b>110,000</b>	<b>100,000</b>	<b>115,000</b>	<b>40,000</b>	<b>10,000</b>	<b>-</b>	<b>83,065,000</b>

**Funding Sources:**

Development Charges - Indoor Recreation	(19,914,000)	(18,000)	(33,300,000)	(540,000)	-	-	-	-	-	-	-	(53,772,000)
Council Discretionary	-	-	-	-	-	-	-	-	-	-	-	-
Growth & New Reserve	(971,000)	(52,000)	(3,780,000)	(95,000)	-	(10,000)	-	(15,000)	-	(10,000)	-	(4,933,000)
Hydro Funds	(10,200,000)	(20,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	-	-	(10,860,000)
Other External Funding	(13,500,000)	-	-	-	-	-	-	-	-	-	-	(13,500,000)
	<b>(44,585,000)</b>	<b>(90,000)</b>	<b>(37,180,000)</b>	<b>(735,000)</b>	<b>(100,000)</b>	<b>(110,000)</b>	<b>(100,000)</b>	<b>(115,000)</b>	<b>(40,000)</b>	<b>(10,000)</b>	<b>-</b>	<b>(83,065,000)</b>

**GROWTH & NEW PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	<u>2019</u> (approved)	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	Project Total
<b>Growth &amp; New</b>												
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
34519 Traffic Calming as per DC Study	-	-	122,550	-	-	122,550	-	-	-	-	-	245,100
34527 Yonge/Wellington Intersection Improvements	-	-	330,000	-	-	-	-	-	-	-	-	330,000
34533 Traffic Calming Measures in School Zones	20,000	-	-	-	-	-	-	-	-	-	-	20,000
34612 S/W - Bloomington Sdrd - Bayview Ave to E Town Limit	-	-	-	1,524,000	-	-	-	-	-	-	-	1,524,000
34625 S/W - Bayview Ave - St John's to N Town Limit	-	-	176,750	-	-	-	-	-	-	-	-	176,750
34634 S/W - Yonge St - S of Henderson to Industrial Pkwy S	-	-	-	35,000	-	260,880	-	-	-	-	-	295,880
34636 S/W - Wellington St E - Leslie St - First Commerce Dr.	-	-	100,000	500,000	-	-	-	-	-	-	-	600,000
34637 S/W - Leslie St - 600m North of Wellington to N Town Limit	-	1,216,100	-	-	-	-	-	-	-	-	-	1,216,100

**GROWTH & NEW PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
34638 S/W - Vandorf Sdrd - Bayview Ave to 300 m east	-	-	-	-	-	-	149,480	-	-	-	-	149,480
34639 S/W - Bathurst St - Bloomington Sdrd - N Town Limit	-	-	-	-	-	-	5,618,630	-	-	-	-	5,618,630
34640 S/W - Yonge St East and West Side- Bloomington to GO Bridge	-	-	-	-	-	1,500,000	-	-	-	-	-	1,500,000
34707 Lighting Upgrade - Wellington - Berczy to West of Mary St	350,000	-	-	-	-	-	-	-	-	-	-	350,000
31179 Hillary House Parking Lot	135,300	-	-	-	-	-	-	-	-	-	-	135,300
41005 Yonge St Sanitary Sewer	-	-	250,000	-	2,478,000	-	-	-	-	-	-	2,728,000
81016 Aurora Promenade Streetscape	730,000	-	-	-	-	-	-	-	-	-	-	730,000
	<b>1,235,300</b>	<b>1,216,100</b>	<b>1,354,350</b>	<b>2,265,040</b>	<b>2,781,000</b>	<b>1,883,430</b>	<b>5,768,110</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,503,330</b>
<b>Funding Sources:</b>												
Building Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Roads DC	(315,000)	(1,216,100)	(696,108)	(2,057,630)	(272,700)	(1,871,175)	(5,768,110)	-	-	-	-	(12,196,823)
Growth & New Roads R & R	(885,300)	-	(523,243)	(207,410)	(1,170,180)	(12,255)	-	-	-	-	-	(2,798,388)
Storm DC	(35,000)	-	(135,000)	-	(1,338,120)	-	-	-	-	-	-	(35,000)
	<b>(1,235,300)</b>	<b>(1,216,100)</b>	<b>(1,354,350)</b>	<b>(2,265,040)</b>	<b>(2,781,000)</b>	<b>(1,883,430)</b>	<b>(5,768,110)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(16,503,330)</b>

## **STUDIES & OTHER ASSETS**

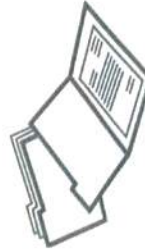
( Anticipated Spend of \$4,342,800 over 11 years )

Specific Studies & Other Assets are at the following pages:

<b>STUDIES &amp; OTHER SUMMARY</b>	<b>Page 29</b>
<b>CAO</b>	<b>Page 30</b>
<b>Financial Services</b>	<b>Page 31</b>
<b>Corporate Services</b>	<b>Page 32</b>
<b>Planning &amp; Development Services</b>	<b>Page 33</b>
<b>Operational Services</b>	<b>Page 34</b>
<b>Community Services</b>	<b>Page 35</b>



**STUDIES AND OTHER PROJECTS INVESTMENT PLAN - SUMMARY OF CAPITAL NEEDS**



	2019 (Approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	10 YEAR OUTLOOK
<b>STUDIES and OTHER</b>												
Chief Administrative Office	30,000	25,000	-	32,100	-	89,100	34,100	-	-	-	-	180,300
Financial Services	-	100,000	-	-	141,900	-	-	-	-	100,000	-	341,900
Corporate Services	55,000	365,000	100,000	-	54,700	61,400	91,000	58,300	-	-	44,000	774,400
Planning & Development Servi	625,000	425,000	200,000	-	575,000	300,000	100,000	-	125,000	-	-	1,725,000
Operational Services	25,000	-	-	-	109,100	-	57,100	-	-	-	-	166,200
Community Services	245,000	175,000	-	-	-	-	-	-	-	-	-	175,000
	<b>980,000</b>	<b>1,090,000</b>	<b>300,000</b>	<b>32,100</b>	<b>880,700</b>	<b>450,500</b>	<b>282,200</b>	<b>58,300</b>	<b>125,000</b>	<b>100,000</b>	<b>44,000</b>	<b>3,362,800</b>
												<b>4,342,800</b>

**Funding Sources:**

Studies & Other Reserve	(880,000)	(1,090,000)	(200,000)	(32,100)	(807,967)	(250,500)	(282,200)	(58,300)	(125,000)	(100,000)	(44,000)	(2,990,067)
Development Charges	-	-	(100,000)	-	-	(100,000)	-	-	-	-	-	(200,000)
Special Purpose Reserves	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)
Infrastructure Sustainability (T:	-	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
Water/Sewer/Storm Res	(100,000)	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
External Grants	-	-	-	-	-	-	-	-	-	-	-	-
	<b>(980,000)</b>	<b>(1,090,000)</b>	<b>(300,000)</b>	<b>(32,100)</b>	<b>(880,700)</b>	<b>(450,500)</b>	<b>(282,200)</b>	<b>(58,300)</b>	<b>(125,000)</b>	<b>(100,000)</b>	<b>(44,000)</b>	<b>(3,362,800)</b>
												<b>(4,342,800)</b>

**STUDIES AND OTHER PROJECTS - CHIEF ADMINISTRATIVE OFFICER**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project Total</u>
<b>Studies &amp; Other</b>	(approved)											
12026 Organization Structural Review	-	25,000	-	-	-	-	-	-	-	-	-	25,000
12038 TOA Strategic Plan Update	-	-	-	-	-	89,100	-	-	-	-	-	89,100
12032 Resident Survey - 2019	30,000	-	-	-	-	-	-	-	-	-	-	30,000
12039 Resident Survey - 2022	-	-	-	32,100	-	-	-	-	-	-	-	32,100
12040 Resident Survey - 2025	-	-	-	-	-	-	34,100	-	-	-	-	34,100
	<b>30,000</b>	<b>25,000</b>	<b>-</b>	<b>32,100</b>	<b>-</b>	<b>89,100</b>	<b>34,100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>210,300</b>
<b>Funding Sources:</b>												
Studies & Other	(30,000)	(25,000)	-	(32,100)	-	(89,100)	(34,100)	-	-	-	-	(210,300)
	<b>(30,000)</b>	<b>(25,000)</b>	<b>-</b>	<b>(32,100)</b>	<b>-</b>	<b>(89,100)</b>	<b>(34,100)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(210,300)</b>

**STUDIES AND OTHER PROJECTS - FINANCIAL SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	Project Total
	(approved)											
<b>Studies &amp; Other</b>												
14067 DC Background Study	-	-	-	-	141,900	-	-	-	-	-	-	141,900
14077 Community Benefit Charge Study	-	100,000	-	-	-	-	-	-	-	-	-	100,000
14078 DC Background Study	-	-	-	-	-	-	-	-	-	100,000	-	100,000
	-	<b>100,000</b>	-	-	<b>141,900</b>	-	-	-	-	<b>100,000</b>	-	<b>341,900</b>
<b>Funding Sources:</b>												
Studies & Other	-	(100,000)	-	-	(141,900)	-	-	-	-	(100,000)	-	(341,900)
	-	<b>(100,000)</b>	-	-	<b>(141,900)</b>	-	-	-	-	<b>(100,000)</b>	-	<b>(341,900)</b>



**STUDIES AND OTHER PROJECTS INVESTMENT PLAN - CORPORATE SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Total</u>
	<u>(approved)</u>											
<b>Studies &amp; Other</b>												<b>Project</b>
14073	-	230,000	100,000	-	-	-	-	-	-	-	-	330,000
14074	-	-	-	-	-	-	91,000	-	-	-	-	91,000
13011	-	25,000	-	-	-	-	-	-	-	-	-	25,000
13015	-	50,000	-	-	-	-	-	-	-	-	-	50,000
13016	-	-	-	-	54,700	-	-	-	-	-	-	54,700
13017	-	-	-	-	-	-	-	58,300	-	-	-	58,300
13020	55,000	-	-	-	-	-	-	-	-	-	-	55,000
13021	-	-	-	-	-	61,400	-	-	-	-	-	61,400
13022	-	-	-	-	-	-	-	-	-	-	44,000	44,000
13026	-	30,000	-	-	-	-	-	-	-	-	-	30,000
13027	-	30,000	-	-	-	-	-	-	-	-	-	30,000
	<b>55,000</b>	<b>365,000</b>	<b>100,000</b>	<b>-</b>	<b>54,700</b>	<b>61,400</b>	<b>91,000</b>	<b>58,300</b>	<b>-</b>	<b>-</b>	<b>44,000</b>	<b>829,400</b>

**Funding Sources:**

Studies & Other	(55,000)	(365,000)	(100,000)	-	(54,700)	(61,400)	(91,000)	(58,300)	-	-	(44,000)	(829,400)
	<b>(55,000)</b>	<b>(365,000)</b>	<b>(100,000)</b>	<b>-</b>	<b>(54,700)</b>	<b>(61,400)</b>	<b>(91,000)</b>	<b>(58,300)</b>	<b>-</b>	<b>-</b>	<b>(44,000)</b>	<b>(829,400)</b>

**STUDIES & OTHER PROJECTS - PLANNING & DEVELOPMENT SERVICES**

	2019 (approved)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>Studies &amp; Other</b>												
31133 Photometric Analysis and Lighting Gap	100,000	-	-	-	-	-	-	-	-	-	-	100,000
31175 Town Wide Parking Lot Study	200,000	-	-	-	-	-	-	-	-	-	-	200,000
34530 Master Transportation Study Update - 2023	-	-	-	-	100,000	-	-	-	-	-	-	100,000
41012 Wastewater Hydraulic Model	-	-	100,000	-	-	-	-	-	-	-	-	100,000
42059 Storm Sewer Reserve Fund and Rates Study	100,000	-	-	-	-	-	-	-	-	-	-	100,000
42807 Community Environmental Action Plan	-	-	-	-	75,000	-	-	-	75,000	-	-	150,000
42808 Corporate Energy Management Plan	50,000	-	-	-	-	-	-	-	-	-	-	50,000
42810 Climate Change Adaptation Plan	-	200,000	-	-	-	-	-	-	-	-	-	200,000
42811 Corporate Energy Management Plan - 2024	-	-	-	-	50,000	-	-	-	-	-	-	50,000
42812 Corporate Energy Management Plan - 2028	-	-	-	-	-	-	-	-	50,000	-	-	50,000
43040 Water Hydraulic Model for the Town	-	-	100,000	-	-	-	-	-	-	-	-	100,000
43046 Water System Leak Detection Study	-	-	-	-	-	200,000	-	-	-	-	-	200,000
81021 Engineering Design Criteria Manual - Update	50,000	-	-	-	-	-	-	-	-	-	-	50,000
81023 Architectural Design Guidelines for Stable Neighbourhoods	75,000	-	-	-	-	-	-	-	-	-	-	75,000
81024 Community Improvement Plan Review	50,000	-	-	-	-	-	-	-	-	-	-	50,000
81027 Municipal Heritage Register Review and Update	-	100,000	-	-	-	-	-	-	-	-	-	100,000
81028 Secondary Plan Review	-	-	-	-	100,000	100,000	-	-	-	-	-	200,000
81029 Zoning By Law Update	-	-	-	-	250,000	-	-	-	-	-	-	250,000
81030 Economic Development Strategic Plan	-	-	-	-	-	-	100,000	-	-	-	-	100,000
81031 Development Review Process and Fee Structure	-	75,000	-	-	-	-	-	-	-	-	-	75,000
81032 Municipal Heritage Register Review and Update	-	50,000	-	-	-	-	-	-	-	-	-	50,000
<b>Funding Sources:</b>	<b>625,000</b>	<b>425,000</b>	<b>200,000</b>	<b>-</b>	<b>575,000</b>	<b>300,000</b>	<b>100,000</b>	<b>-</b>	<b>125,000</b>	<b>-</b>	<b>-</b>	<b>2,350,000</b>
Water DC	-	-	(100,000)	-	-	(100,000)	-	-	-	-	-	(200,000)
Economic Development	-	-	-	-	-	-	-	-	-	-	-	-
Storm Reserve	(100,000)	-	-	-	-	-	-	-	-	-	-	(100,000)
Engineering Reserve	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)
Studies & Other	(525,000)	(425,000)	(100,000)	-	(575,000)	(100,000)	(100,000)	-	(125,000)	-	-	(1,950,000)
	<b>(625,000)</b>	<b>(425,000)</b>	<b>(200,000)</b>	<b>-</b>	<b>(575,000)</b>	<b>(300,000)</b>	<b>(100,000)</b>	<b>-</b>	<b>(125,000)</b>	<b>-</b>	<b>-</b>	<b>(2,350,000)</b>

**STUDIES & OTHER PROJECTS - OPERATIONAL SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project</u>
	(approved)											<u>Total</u>
<b>Studies and Other</b>												
31081 Salt Management Plan	-	-	-	-	109,100	-	-	-	-	-	-	109,100
34185 Green Fleet Operating Policies	-	-	-	-	-	-	57,100	-	-	-	-	57,100
34421 Fleet Consultant	25,000	-	-	-	-	-	-	-	-	-	-	25,000
	<b>25,000</b>	-	-	-	<b>109,100</b>	-	<b>57,100</b>	-	-	-	-	<b>191,200</b>
<b>Funding Sources:</b>												
Engineering Fees	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure Sustainability - Roads	-	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
Infrastructure Sustainability - Water	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure Sustainability - Wastewater	-	-	-	-	-	-	-	-	-	-	-	-
Infrastructure Sustainability - Storm	-	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
Studies & Other	(25,000)	-	-	-	(36,367)	-	(57,100)	-	-	-	-	(118,467)
	<b>(25,000)</b>	-	-	-	<b>(109,100)</b>	-	<b>(57,100)</b>	-	-	-	-	<b>(191,200)</b>

**STUDIES & OTHER PROJECTS - COMMUNITY SERVICES**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Project</u>
	(approved)											<u>Total</u>
<b><u>STUDIES &amp; OTHER</u></b>												
72206 Emergency Preparedness	50,000	-	-	-	-	-	-	-	-	-	-	50,000
72391 22 Church St - Investigation of Water Infiltration	10,000	-	-	-	-	-	-	-	-	-	-	10,000
72401 Structural Study	40,000	-	-	-	-	-	-	-	-	-	-	40,000
72437 Refrigeration Plant Audit	30,000	-	-	-	-	-	-	-	-	-	-	30,000
73317 Outdoor Field Development Strategy	55,000	-	-	-	-	-	-	-	-	-	-	55,000
73318 User Fee Pricing Study	60,000	-	-	-	-	-	-	-	-	-	-	60,000
73329 Building Condition Assessment & Energy Audit	-	175,000	-	-	-	-	-	-	-	-	-	175,000
	<b>245,000</b>	<b>175,000</b>	-	-	-	-	-	-	-	-	-	<b>420,000</b>
<b>Funding Sources:</b>												
Studies and Other	(245,000)	(175,000)	-	-	-	-	-	-	-	-	-	(420,000)
	<b>(245,000)</b>	<b>(175,000)</b>	-	-	-	-	-	-	-	-	-	<b>(420,000)</b>

**FUNDING SOURCES / RESERVE BALANCES / CASH FLOWS**

**SOURCES OF CAPITAL PLAN FUNDING:**

- Consolidated Page 37
- Repair & Replacement Page 38
- Growth & New Page 39
- Studies & Other Page 40

**10 YEAR RESERVE FORECASTS & CASH FLOW:**

- Repair & Replacement, TAX Funded Pages 41 to 47
- Repair & Replacement, RATES Funded Page 48
- Growth & New Page 49
- Studies & Other Page 50

**10 YEAR DEVELOPMENT CHARGE BALANCES & CASH FLOW:**

- Consolidated D.C. Reserves & Cash Flow Page 51



## 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	
	Base 2019 (approved)	2020 Yr 1	2021 Yr 2	2022 Yr 3	2023 Yr 4	2024 Yr 5	2025 Yr 6	2026 Yr 7	2027 Yr 8	2028 Yr 9		2029 Yr 10
<b>Total Capital Needs:</b>												
Repair & Replacement Program	9,991,210	20,238,708	17,255,428	12,725,753	9,648,710	13,726,968	10,949,247	10,343,411	12,238,973	8,690,008	5,932,100	121,749,307
Growth & New Total	48,487,550	3,253,700	43,600,450	4,667,240	5,781,900	5,204,230	8,109,310	211,000	136,000	106,000	2,000,000	73,069,830
Studies & Other Total	980,000	1,090,000	300,000	32,100	880,700	450,500	282,200	58,300	125,000	100,000	44,000	3,362,800
<b>TOTAL CAPITAL NEEDS</b>	<b>59,458,760</b>	<b>24,582,409</b>	<b>61,155,878</b>	<b>17,425,093</b>	<b>16,311,310</b>	<b>19,381,698</b>	<b>19,340,757</b>	<b>10,612,711</b>	<b>12,499,973</b>	<b>8,896,008</b>	<b>7,976,100</b>	<b>198,181,937</b>
												<b>Total including 2019</b>
												<b>257,640,697</b>
<b>CONSOLIDATED FUNDING SOURCES:</b>												
Repair & Replacement Reserve - Tax	(4,116,210)	(8,760,097)	(12,769,218)	(7,189,141)	(4,370,508)	(7,360,644)	(6,341,527)	(4,332,034)	(6,029,688)	(5,451,096)	(1,336,488)	(63,940,441)
Repair & Replacement Reserve - Rates	(4,510,000)	(8,448,000)	(1,450,598)	(2,506,000)	(2,555,322)	(3,570,712)	(1,812,108)	(3,215,765)	(3,413,673)	(443,300)	(1,800,000)	(29,215,478)
Growth & New Reserve	(2,004,300)	(226,900)	(4,852,553)	(459,320)	(1,218,180)	(70,255)	(104,990)	(63,000)	(48,000)	(58,000)	-	(7,101,198)
Studies & Other Reserve	(880,000)	(1,090,000)	(200,000)	(32,100)	(807,967)	(250,500)	(282,200)	(58,300)	(125,000)	(100,000)	(44,000)	(2,990,067)
Development Charges	(11,075,250)	(2,757,700)	(38,341,848)	(3,942,270)	(4,241,100)	(4,963,115)	(7,753,940)	-	-	-	(820,000)	(62,819,973)
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-	-
Special Purposes Reserves * (see below)	(22,223,000)	(1,605,146)	(1,847,096)	(1,601,696)	(1,423,666)	(1,471,906)	(1,351,426)	(1,249,046)	(1,189,046)	(1,148,046)	(1,101,046)	(13,989,120)
Federal / Provincial Grants (incl Gas Tax)	(1,150,000)	(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)	(16,945,660)
External Funding (Region / Newmarket)	(13,500,000)	-	-	-	-	-	-	-	-	-	(1,180,000)	(1,180,000)
Other External Funding (Donations)	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>(59,458,760)</b>	<b>(24,582,409)</b>	<b>(61,155,878)</b>	<b>(17,425,093)</b>	<b>(16,311,310)</b>	<b>(19,381,698)</b>	<b>(19,340,757)</b>	<b>(10,612,711)</b>	<b>(12,499,973)</b>	<b>(8,896,008)</b>	<b>(7,976,100)</b>	<b>(198,181,937)</b>
												<b>Total including 2019</b>
												<b>(257,640,697)</b>
<b>* Special Purposes Reserves:</b>												
Engineering Fees	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)
Economic Development Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Building Services	(350,000)	(92,100)	-	-	-	-	-	-	-	-	-	(92,100)
Cash in Lieu of Parkland	(238,000)	(157,000)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	(48,000)	-	(1,416,560)
Council Discretionary Reserve	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Funds	(21,600,000)	(20,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	-	-	(660,000)
EAB Reserve	-	(235,000)	(240,000)	(235,000)	-	-	-	-	-	-	-	(710,000)
OCIF	-	-	-	-	-	-	-	-	-	-	-	-
Council Discretionary Reserve	(35,000)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(11,010,460)
Landscaping Reserve Fee	-	-	-	-	-	-	-	-	-	-	-	(35,000)
	(22,223,000)	(1,605,146)	(1,847,096)	(1,601,696)	(1,423,666)	(1,471,906)	(1,351,426)	(1,249,046)	(1,189,046)	(1,148,046)	(1,101,046)	(14,024,120)



## ESTIMATED SOURCES OF FUNDING - REPAIR & REPLACEMENT

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

	10 YEAR										OUTLOOK	
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2029
Base (approved)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	Yr 10	
<b>Repair &amp; Replacement Requirement (Pg 2)</b>	9,991,210	20,238,709	17,255,428	12,725,753	9,648,710	13,726,968	10,949,247	10,343,411	12,238,973	8,690,008	5,932,100	121,749,307
												Total including 2019
												<u>131,740,517</u>
<b><u>FUNDING SOURCES - TAX BASED:</u></b>												
Repair & Replacement Reserve - Tax Growth & New Reserve - Tax	(4,081,210)	(8,760,097)	(12,769,218)	(7,189,141)	(4,334,142)	(7,360,644)	(6,341,527)	(4,332,034)	(6,029,688)	(5,451,096)	(1,336,488)	(63,904,075)
Special Purposes Reserves * (see below)	(350,000)	(1,336,046)	(1,341,046)	(1,336,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(11,720,460)
Federal Gas Tax	(1,150,000)	(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)	(16,945,660)
Other External Funding	-	-	-	-	-	-	-	-	-	-	-	-
	<u>(5,581,210)</u>	<u>(11,790,709)</u>	<u>(15,804,830)</u>	<u>(10,219,753)</u>	<u>(7,129,754)</u>	<u>(10,156,256)</u>	<u>(9,137,139)</u>	<u>(7,127,646)</u>	<u>(8,825,300)</u>	<u>(8,246,708)</u>	<u>(4,132,100)</u>	<u>(92,570,195)</u>
<b><u>FUNDING SOURCES - RATES BASED:</u></b>												
Repair & Replacement Reserve - Rates:												
Water Project Funding	(3,000,000)	(2,818,250)	(552,150)	(1,080,000)	(545,700)	(1,572,431)	(1,114,131)	(737,998)	(1,882,388)	(243,300)	(200,000)	(10,746,348)
Waste Water Project Funding	-	(1,585,200)	(30,300)	-	-	-	-	-	-	-	-	(1,615,500)
Storm Water Project Funding	(1,410,000)	(4,044,550)	(868,148)	(1,426,000)	(1,973,256)	(1,998,281)	(697,977)	(2,477,767)	(1,531,285)	(200,000)	(1,600,000)	(16,817,264)
	<u>(4,410,000)</u>	<u>(8,448,000)</u>	<u>(1,450,598)</u>	<u>(2,506,000)</u>	<u>(2,518,956)</u>	<u>(3,570,712)</u>	<u>(1,812,108)</u>	<u>(3,215,765)</u>	<u>(3,413,673)</u>	<u>(443,300)</u>	<u>(1,800,000)</u>	<u>(29,179,112)</u>
<b>TOTAL 'R &amp; R' FUNDING SOURCES</b>	<u>(9,991,210)</u>	<u>(20,238,709)</u>	<u>(17,255,428)</u>	<u>(12,725,753)</u>	<u>(9,648,710)</u>	<u>(13,726,968)</u>	<u>(10,949,247)</u>	<u>(10,343,411)</u>	<u>(12,238,973)</u>	<u>(8,690,008)</u>	<u>(5,932,100)</u>	<u>(121,749,307)</u>
												Total including 2019
												<u>(131,740,517)</u>
<b>* Special Purposes Reserves &amp; Other:</b>												
Discretionary R & R	(350,000)	-	-	-	-	-	-	-	-	-	-	-
Landscape Fee Reserve	-	-	-	-	-	-	-	-	-	-	-	-
EAB Reserve	-	(235,000)	(240,000)	(235,000)	-	-	-	-	-	-	-	(710,000)
OCIF	-	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(1,101,046)	(11,010,460)
	<u>(350,000)</u>	<u>(1,336,046)</u>	<u>(1,341,046)</u>	<u>(1,336,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(1,101,046)</u>	<u>(11,720,460)</u>

## 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 2019 (approved)	2020 Yr 1	2021 Yr 2	2022 Yr 3	2023 Yr 4	2024 Yr 5	2025 Yr 6	2026 Yr 7	2027 Yr 8	2028 Yr 9	2029 Yr 10	10 YEAR OUTLOOK
<b>Growth &amp; New Requirement (Pg 21)</b>	48,487,550	3,253,700	43,600,450	4,667,240	5,781,900	5,204,230	8,109,310	136,000	106,000	2,000,000	73,069,830
									<b>Total including 2019</b>		<b>121,557,380</b>
Growth & New Reserve	(2,004,300)	(226,900)	(4,852,553)	(459,320)	(1,218,180)	(70,255)	(104,990)	(48,000)	(58,000)	-	(7,101,198)
Development Charges	(11,075,250)	(2,757,700)	(38,241,848)	(3,942,270)	(4,241,100)	(4,863,115)	(7,753,940)	-	-	(820,000)	(62,619,973)
Special Purposes Reserves * (see below)	(273,000)	(249,100)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	-	(1,508,660)
Hydro Funds	(21,600,000)	(20,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(40,000)	-	-	(660,000)
External Funding (Newmarket for Fire)	(13,500,000)	-	-	-	-	-	-	-	-	(1,180,000)	(1,180,000)
Development / Sale of Land	-	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve - Tax	(35,000)	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve - Rates	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL GROWTH &amp; NEW FUNDING</b>	<b>(48,487,550)</b>	<b>(3,253,700)</b>	<b>(43,600,450)</b>	<b>(4,667,240)</b>	<b>(5,781,900)</b>	<b>(5,204,230)</b>	<b>(8,109,310)</b>	<b>(136,000)</b>	<b>(106,000)</b>	<b>(2,000,000)</b>	<b>(73,069,830)</b>
									<b>Total including 2019</b>		<b>(121,557,380)</b>
* Special Purposes Reserves:											
Building Dept	-	(92,100)	-	-	-	-	-	-	-	-	(92,100)
Council Discretionary	-	-	-	-	-	-	-	-	-	-	-
Cash in Lieu of Parkland	(238,000)	(157,000)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	-	(1,416,560)
Tax Rate Stabilization	(35,000)	-	-	-	-	-	-	-	-	-	-
Landscape Fees	-	-	-	-	-	-	-	-	-	-	-
	(273,000)	(249,100)	(406,050)	(165,650)	(222,620)	(170,860)	(150,380)	(48,000)	(48,000)	-	(1,508,660)



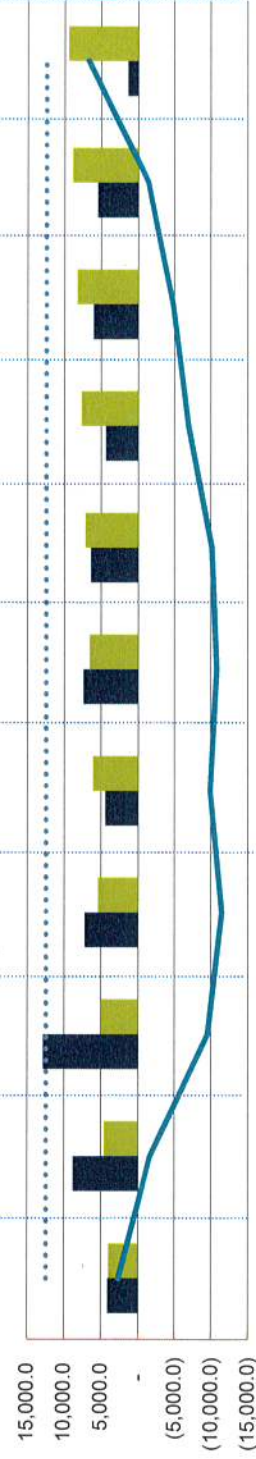
## ESTIMATED SOURCES OF FUNDING - STUDIES & OTHER

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

Base	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	10 YEAR	
2019	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10	OUTLOOK	
(approved)											→	
Studies & Other Requirement (Pg 29)	980,000	1,090,000	300,000	32,100	880,700	450,500	282,200	58,300	125,000	100,000	44,000	3,362,800
	Total including 2019										4,342,800	
<b><u>*STUDIES &amp; OTHER* FUNDING SOURCES:</u></b>												
Studies & Other Reserve	(880,000)	(1,090,000)	(200,000)	(32,100)	(807,987)	(250,500)	(282,200)	(58,300)	(125,000)	(100,000)	(44,000)	(2,990,067)
Development Charges	-	-	-	-	-	(100,000)	-	-	-	-	-	(200,000)
Special Purposes Reserves * (see below)	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)
External Grants	-	-	-	-	-	-	-	-	-	-	-	-
Repair & Replacement Reserve - Tax	-	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
Repair & Replacement Reserve - Rates	-	-	-	-	(36,366)	-	-	-	-	-	-	(36,366)
<b>TOTAL STUDIES &amp; OTHER FUNDING</b>	<b>(980,000)</b>	<b>(1,090,000)</b>	<b>(300,000)</b>	<b>(32,100)</b>	<b>(880,700)</b>	<b>(450,500)</b>	<b>(282,200)</b>	<b>(58,300)</b>	<b>(125,000)</b>	<b>(100,000)</b>	<b>(44,000)</b>	<b>(3,362,800)</b>
	Total including 2019										(4,342,800)	
<b>* Special Purposes Reserves:</b>												
Engineering Fees	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)
Cash in Lieu of Parkland	-	-	-	-	-	-	-	-	-	-	-	-
Landscape Reserve Fee	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	(100,000)	-	-	-	-	-	(100,000)

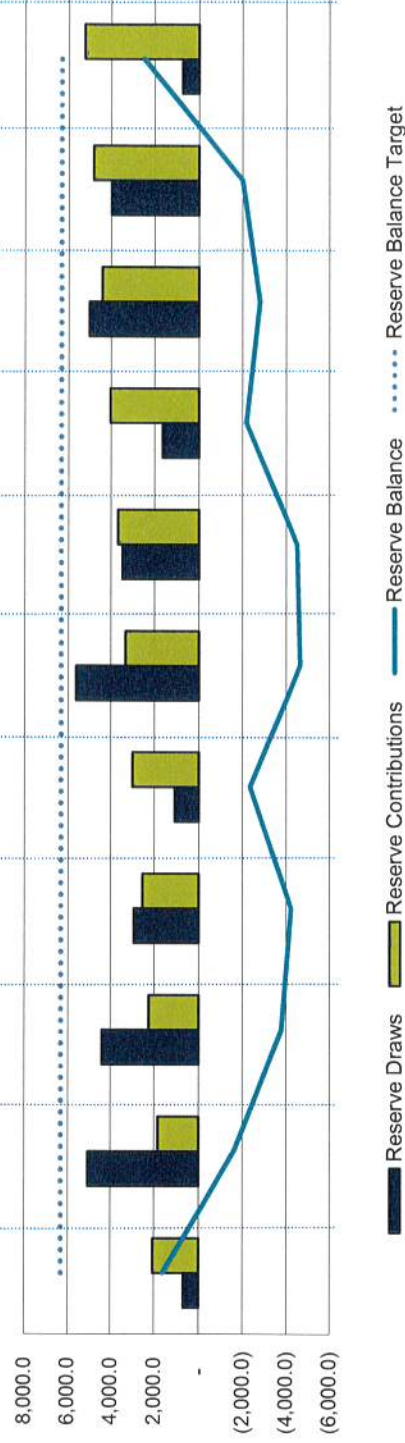
## RESERVE FORECAST & CASH FLOW - TOTAL TAX BASED R & R RESERVE

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
<b>Shown in \$ 000's</b>												
Opening R & R Reserve Balance	2,751.2	2,605.0	(1,619.0)	(9,541.6)	(11,484.3)	(9,901.2)	(10,806.2)	(10,170.2)	(6,952.9)	(4,825.1)	(1,480.6)	Opening Bal 2,751.2
Reserve 'Revenue':												
Share of Cash to Capital	3,939.3	4,530.4	4,910.4	5,366.7	6,075.9	6,574.1	7,097.4	7,647.2	8,224.9	8,831.8	9,469.4	72,667.4
Reserve Balance Interest (@ 1.15%)	30.7	5.7	(63.8)	(120.2)	(122.3)	(118.4)	(119.9)	(97.9)	(67.4)	(36.1)	29.7	(679.9)
<b>Total Revenue/Funding</b>	<b>3,970.0</b>	<b>4,536.1</b>	<b>4,846.6</b>	<b>5,246.5</b>	<b>5,953.6</b>	<b>6,455.7</b>	<b>6,977.5</b>	<b>7,549.3</b>	<b>8,157.5</b>	<b>8,795.7</b>	<b>9,499.1</b>	<b>71,987.5</b>
<b>Funding Requests:</b>												
From R & R Reserves	4,116.2	8,760.1	12,769.2	7,189.1	4,370.5	7,360.6	6,341.5	4,332.0	6,029.7	5,451.1	1,336.5	68,056.7
<b>Total Funding Requests</b>	<b>4,116.2</b>	<b>8,760.1</b>	<b>12,769.2</b>	<b>7,189.1</b>	<b>4,370.5</b>	<b>7,360.6</b>	<b>6,341.5</b>	<b>4,332.0</b>	<b>6,029.7</b>	<b>5,451.1</b>	<b>1,336.5</b>	<b>68,056.7</b>
<b>Closing R&amp;R Reserve Balance</b>	<b>2,605.0</b>	<b>(1,619.0)</b>	<b>(9,541.6)</b>	<b>(11,484.3)</b>	<b>(9,901.2)</b>	<b>(10,806.2)</b>	<b>(10,170.2)</b>	<b>(6,952.9)</b>	<b>(4,825.1)</b>	<b>(1,480.6)</b>	<b>6,682.0</b>	<b>6,682.0</b>
<b>Made up of:</b>												
Roads	1,622.7	(1,599.3)	(3,785.0)	(4,233.0)	(2,340.4)	(4,669.1)	(4,529.0)	(2,171.0)	(2,796.3)	(1,995.9)	2,483.0	2,483.0
Facilities	43.8	(1,441.0)	(3,738.1)	(4,939.2)	(4,349.4)	(3,149.8)	(3,370.8)	(3,238.8)	(1,484.6)	416.2	2,471.6	2,471.6
Information Technology	(1,077.1)	(1,097.4)	(2,203.9)	(2,152.0)	(1,883.4)	(1,565.6)	(1,183.7)	(837.2)	(549.3)	(203.9)	348.8	348.8
Fleet	922.6	1,281.9	9.7	(478.3)	(742.8)	(491.6)	(336.7)	(233.3)	(4.6)	115.6	646.5	646.5
Parks & Recreation	1,308.7	1,203.4	142.0	284.1	(619.8)	(965.2)	(785.4)	(508.4)	(26.6)	150.7	695.2	695.2
Council Discretionary	(215.8)	33.2	33.6	34.0	34.4	34.8	35.2	35.6	36.0	36.4	36.8	36.8
	2,605.0	(1,619.1)	(9,541.6)	(11,484.3)	(9,901.3)	(10,806.3)	(10,170.2)	(6,953.0)	(4,825.3)	(1,480.8)	6,682.0	6,682.0



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

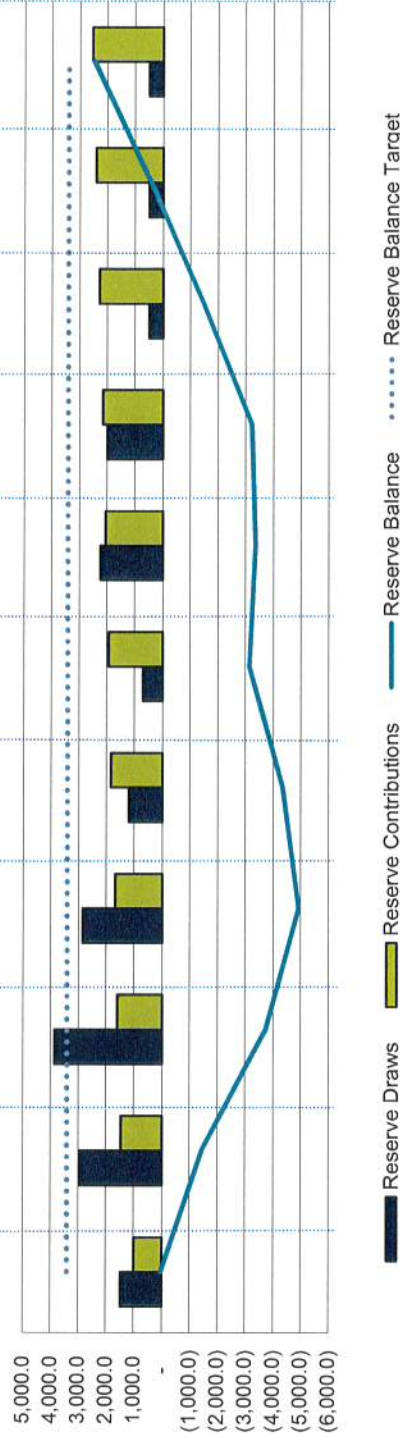
Shown in \$ 000's	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
<b>Opening R &amp; R Reserve Balance</b>	251.6	1,622.7	(1,599.3)	(3,785.0)	(4,233.0)	(2,340.4)	(4,669.1)	(4,529.0)	(2,171.0)	(2,796.3)	(1,995.9)	251.6
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	2,063.8	1,839.2	2,251.8	2,550.7	3,015.2	3,341.5	3,684.3	4,044.4	4,422.8	4,820.3	5,238.0	37,272.0
Reserve Balance Interest (@ 1.15%)	10.8	0.1	(30.8)	(45.8)	(37.6)	(40.0)	(52.6)	(38.2)	(28.4)	(27.4)	2.8	(287.1)
<b>Total Revenue/Funding</b>	<b>2,074.6</b>	<b>1,839.3</b>	<b>2,221.0</b>	<b>2,504.9</b>	<b>2,977.6</b>	<b>3,301.5</b>	<b>3,631.7</b>	<b>4,006.2</b>	<b>4,394.4</b>	<b>4,792.9</b>	<b>5,240.8</b>	<b>36,984.9</b>
<b>Funding Requests:</b>												
<b>Total Funding Requests</b>	<b>703.5</b>	<b>5,061.3</b>	<b>4,406.7</b>	<b>2,952.9</b>	<b>1,085.0</b>	<b>5,630.2</b>	<b>3,491.6</b>	<b>1,648.3</b>	<b>5,019.6</b>	<b>3,992.5</b>	<b>762.0</b>	<b>34,753.6</b>
<b>Closing R&amp;R Reserve Balance</b>	<b>1,622.7</b>	<b>(1,599.3)</b>	<b>(3,785.0)</b>	<b>(4,233.0)</b>	<b>(2,340.4)</b>	<b>(4,669.1)</b>	<b>(4,529.0)</b>	<b>(2,171.0)</b>	<b>(2,796.3)</b>	<b>(1,995.9)</b>	<b>2,483.0</b>	<b>2,483.0</b>





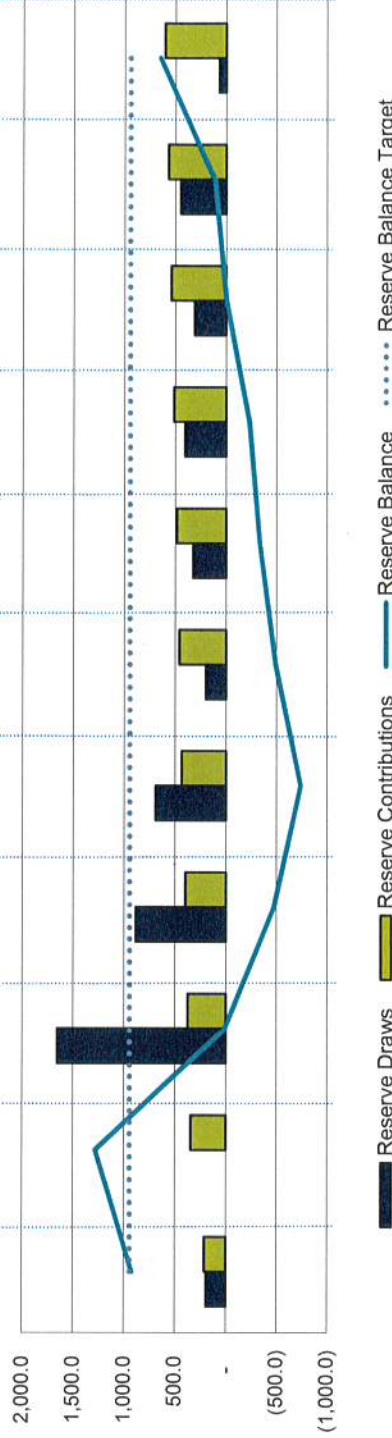
## RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FACILITIES

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
<b>Shown in \$ 000's</b>												
<b>Opening R &amp; R Reserve Balance</b>	535.7	43.8	(1,441.0)	(3,738.1)	(4,939.2)	(4,349.4)	(3,149.8)	(3,370.8)	(3,238.8)	(1,484.6)	416.2	535.7
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	989.5	1,464.7	1,595.2	1,689.6	1,836.4	1,939.5	2,047.9	2,161.7	2,281.2	2,406.9	2,538.9	20,951.5
Reserve Balance Interest (@ 1.15%)	3.3	(8.0)	(29.6)	(49.6)	(53.1)	(42.9)	(37.3)	(37.8)	(27.0)	(6.1)	16.5	(271.6)
<b>Total Revenue/Funding</b>	<b>992.8</b>	<b>1,456.7</b>	<b>1,565.6</b>	<b>1,640.0</b>	<b>1,783.3</b>	<b>1,896.6</b>	<b>2,010.6</b>	<b>2,123.9</b>	<b>2,254.2</b>	<b>2,400.8</b>	<b>2,555.4</b>	<b>20,679.9</b>
<b>Funding Requests:</b>												
<b>Total Funding Requests</b>	<b>1,484.7</b>	<b>2,941.5</b>	<b>3,862.7</b>	<b>2,841.1</b>	<b>1,193.5</b>	<b>697.0</b>	<b>2,231.6</b>	<b>1,991.9</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>18,744.0</b>
<b>Closing R&amp;R Reserve Balance</b>	<b>43.8</b>	<b>(1,441.0)</b>	<b>(3,738.1)</b>	<b>(4,939.2)</b>	<b>(4,349.4)</b>	<b>(3,149.8)</b>	<b>(3,370.8)</b>	<b>(3,238.8)</b>	<b>(1,484.6)</b>	<b>416.2</b>	<b>2,471.6</b>	<b>2,471.6</b>



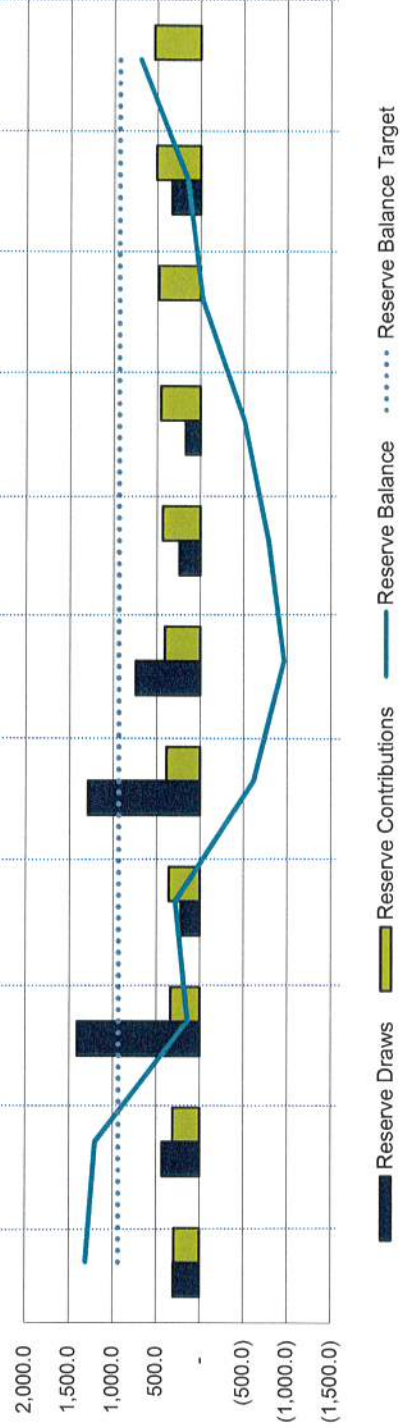
## RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - FLEET

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
<b>Shown in \$ 000's</b>												
<b>Opening R &amp; R Reserve Balance</b>	895.2	922.6	1,281.9	9.7	(478.3)	(742.8)	(491.6)	(336.7)	(233.3)	(4.6)	115.6	895.2
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	212.0	346.7	377.6	400.0	434.7	459.1	484.8	511.7	540.0	569.7	601.0	4,937.3
Reserve Balance Interest (@ 1.15%)	10.4	12.6	7.4	(2.7)	(7.0)	(7.1)	(4.7)	(3.3)	(1.4)	0.6	4.4	9.2
<b>Total Revenue/Funding</b>	222.4	359.3	385.0	397.3	427.7	452.0	480.1	508.4	538.6	570.3	605.4	4,946.5
<b>Funding Requests:</b>												
Total Funding Requests	195.0	-	1,657.2	885.3	692.2	200.8	325.2	405.0	309.9	450.1	74.5	5,195.2
<b>Closing R&amp;R Reserve Balance</b>	922.6	1,281.9	9.7	(478.3)	(742.8)	(491.6)	(336.7)	(233.3)	(4.6)	115.6	646.5	646.5



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

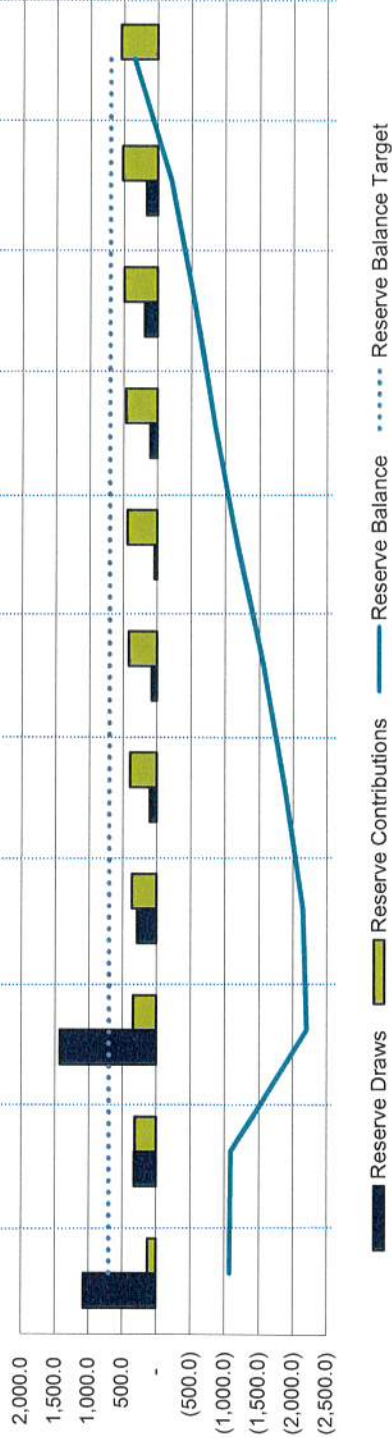
Shown in \$ 000's	11 Year											
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	TOTAL
Opening R & R Reserve Balance	1,302.3	1,308.7	1,203.4	142.0	284.1	(619.8)	(965.2)	(785.4)	(508.4)	(26.6)	150.7	1,302.3
Reserve 'Revenue':												
Share of Cash to Capital	291.5	311.3	339.1	359.1	390.3	412.3	435.3	459.5	484.9	511.6	539.7	4,534.6
Reserve Balance Interest (@ 1.15%)	14.9	14.4	7.7	2.4	(1.9)	(9.1)	(10.0)	(7.4)	(3.1)	0.7	4.8	13.4
<b>Total Revenue/Funding</b>	<b>306.4</b>	<b>325.7</b>	<b>346.8</b>	<b>361.5</b>	<b>388.4</b>	<b>403.2</b>	<b>425.3</b>	<b>452.1</b>	<b>481.8</b>	<b>512.3</b>	<b>544.5</b>	<b>4,548.0</b>
Funding Requests:												
Total Funding Requests	300.0	431.0	1,408.2	219.4	1,292.3	748.6	245.5	175.1	-	335.0	-	5,155.1
Closing R&R Reserve Balance	1,308.7	1,203.4	142.0	284.1	(619.8)	(965.2)	(785.4)	(508.4)	(26.6)	150.7	695.2	695.2





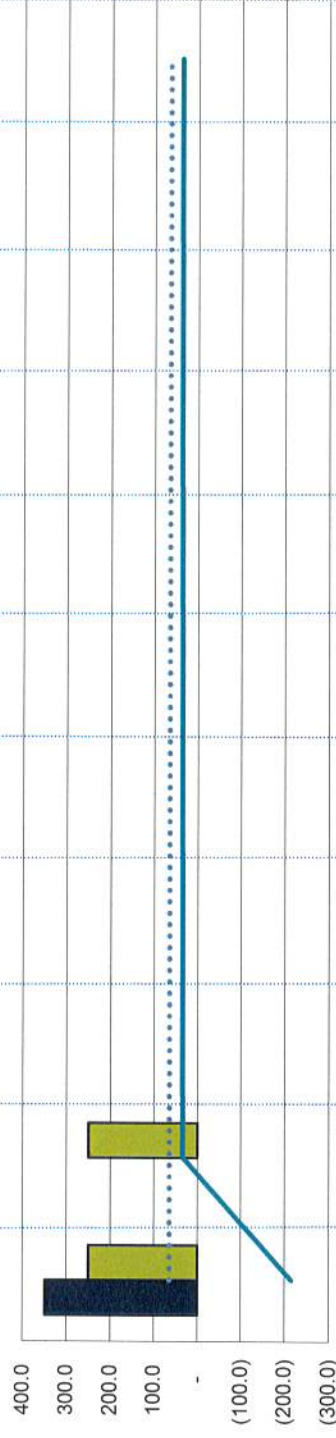
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - INFORMATION TECHNOLOGY

Shown in \$ 000's	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
<b>Opening R &amp; R Reserve Balance</b>	(119.8)	(1,077.1)	(1,097.4)	(2,203.9)	(2,152.0)	(1,883.4)	(1,565.6)	(1,183.7)	(837.2)	(549.3)	(203.9)	(119.8)
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	132.5	318.4	346.8	367.3	399.2	421.6	445.2	469.9	495.9	523.2	551.9	4,471.9
Reserve Balance Interest (@ 1.15%)	(6.8)	(12.4)	(18.9)	(24.9)	(23.1)	(19.7)	(15.7)	(11.6)	(7.9)	(4.3)	0.8	(144.5)
<b>Total Revenue/Funding</b>	<b>125.7</b>	<b>306.0</b>	<b>327.9</b>	<b>342.4</b>	<b>376.1</b>	<b>401.9</b>	<b>429.5</b>	<b>458.3</b>	<b>488.0</b>	<b>518.9</b>	<b>552.7</b>	<b>4,327.4</b>
<b>Funding Requests:</b>												
Total Funding Requests	1,083.0	326.3	1,434.4	290.5	107.5	84.1	47.6	111.8	200.2	173.5	-	3,858.8
<b>Closing R&amp;R Reserve Balance</b>	<b>(1,077.1)</b>	<b>(1,097.4)</b>	<b>(2,203.9)</b>	<b>(2,152.0)</b>	<b>(1,883.4)</b>	<b>(1,565.6)</b>	<b>(1,183.7)</b>	<b>(837.2)</b>	<b>(549.3)</b>	<b>(203.9)</b>	<b>348.8</b>	<b>348.8</b>



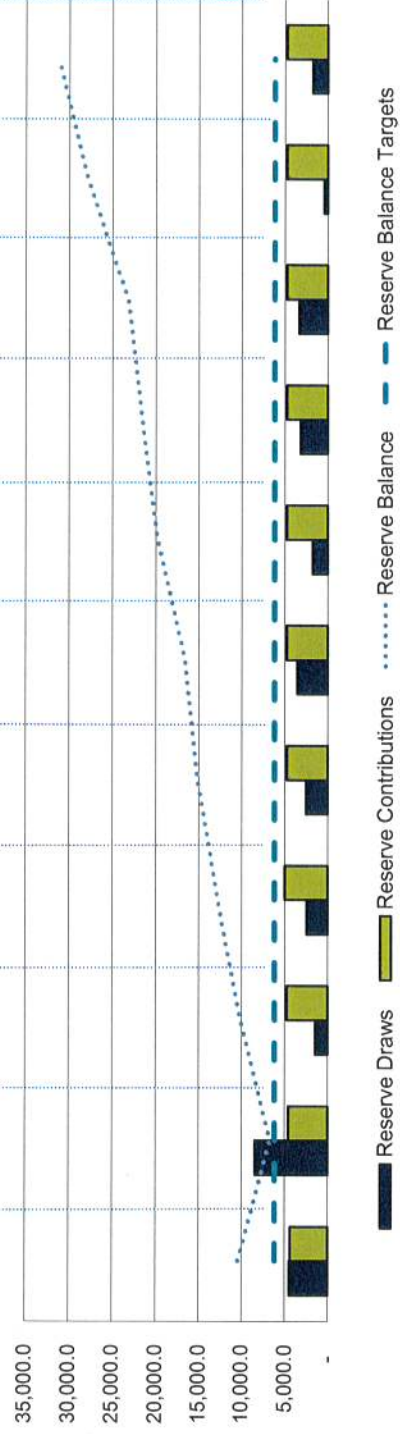
RESERVE FORECAST & CASH FLOW - TAX BASED 'R & R' RESERVE - DISCRETIONARY

Shown in \$ '000's	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	11 Year TOTAL
Opening R & R Reserve Balance	(113.9)	(215.8)	33.2	33.6	34.0	34.4	34.8	35.2	35.6	36.0	36.4	(113.9)
Reserve 'Revenue':												
Share of Cash to Capital	250.0	250.0	-	-	-	-	-	-	-	-	-	500.0
Reserve Balance Interest (@ 1.15%)	(1.9)	(1.0)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7
<b>Total Revenue/Funding</b>	<b>248.1</b>	<b>249.0</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>500.7</b>
Funding Requests:												
Accessibility Committee Projects	350.0	-	-	-	-	-	-	-	-	-	-	350.0
<b>Closing R&amp;R Reserve Balance</b>	<b>(215.8)</b>	<b>33.2</b>	<b>33.6</b>	<b>34.0</b>	<b>34.4</b>	<b>34.8</b>	<b>35.2</b>	<b>35.6</b>	<b>36.0</b>	<b>36.4</b>	<b>36.8</b>	<b>36.8</b>



## RESERVE FORECAST & CASH FLOW - RATE BASED RESERVE BALANCES

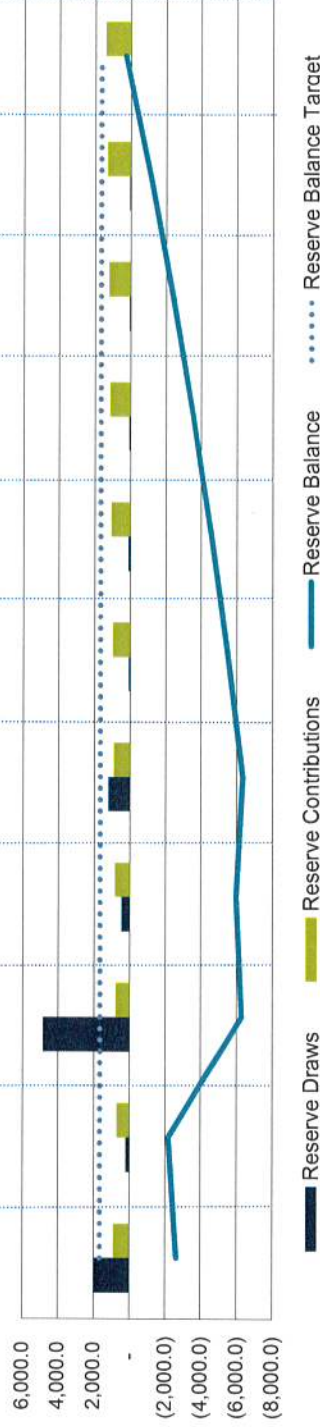
Shown in \$ 000's	11 Year											TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Water / Wastewater Reserve Balance	8,545.2	8,643.4	7,331.4	9,847.1	11,891.4	14,094.3	15,289.9	16,960.1	19,027.9	19,968.6	22,568.5	8,545.2
Storm Water Reserve Balance	1,878.5	1,789.5	(648.6)	281.2	861.7	1,063.1	1,278.2	2,803.5	2,556.4	3,258.3	5,307.3	1,878.5
<b>Total "Rates" Reserve Balances</b>	<b>10,423.7</b>	<b>10,432.9</b>	<b>6,682.8</b>	<b>10,128.3</b>	<b>12,753.1</b>	<b>15,157.4</b>	<b>16,568.1</b>	<b>19,763.7</b>	<b>21,584.3</b>	<b>23,226.8</b>	<b>27,875.7</b>	<b>10,423.7</b>
<b>Reserve "Revenue":</b>												
NET From Water User Charges	1,700.0	1,700.0	1,700.0	1,700.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0	17,300.0
NET From Wastewater User Charges	1,300.0	1,300.0	1,300.0	1,300.0	1,100.0	1,100.0	1,100.0	1,100.0	1,100.0	1,100.0	1,100.0	12,900.0
From Storm Water User Charges	1,400.0	1,600.0	1,800.0	2,000.0	2,200.0	2,200.0	2,200.0	2,200.0	2,200.0	2,200.0	2,200.0	22,200.0
Water / Wastewater Reserve Bal Int @ 1.15%	98.2	91.4	98.2	124.3	148.6	168.0	184.4	205.8	223.0	243.2	273.3	1,858.4
Storm Water Reserve Bal Int @ 1.15%	21.0	6.5	(2.1)	6.5	11.0	13.4	23.3	30.6	33.2	49.0	64.5	256.9
<b>Total Revenue/Funding</b>	<b>4,519.2</b>	<b>4,697.9</b>	<b>4,896.1</b>	<b>5,130.8</b>	<b>4,959.6</b>	<b>4,981.4</b>	<b>5,007.7</b>	<b>5,036.4</b>	<b>5,056.2</b>	<b>5,092.2</b>	<b>5,137.8</b>	<b>54,515.3</b>
<b>Funding Requests:</b>												
Water / Wastewater Funding Needs	3,000.0	4,403.5	582.5	1,080.0	545.7	1,572.4	1,114.1	738.0	1,882.4	243.3	200.0	15,361.8
Storm Water Funding Needs	1,510.0	4,044.6	868.1	1,426.0	2,009.6	1,998.3	698.0	2,477.8	1,531.3	200.0	1,600.0	18,363.6
<b>Total Funding Requests</b>	<b>4,510.0</b>	<b>8,448.0</b>	<b>1,450.6</b>	<b>2,506.0</b>	<b>2,555.3</b>	<b>3,570.7</b>	<b>1,812.1</b>	<b>3,215.8</b>	<b>3,413.7</b>	<b>443.3</b>	<b>1,800.0</b>	<b>33,725.5</b>
<b>Ending R&amp;R Reserve Balance</b>	<b>10,432.9</b>	<b>6,682.8</b>	<b>10,128.3</b>	<b>12,753.1</b>	<b>15,157.4</b>	<b>16,568.1</b>	<b>19,763.7</b>	<b>21,584.3</b>	<b>23,226.8</b>	<b>27,875.7</b>	<b>31,213.5</b>	<b>31,213.5</b>





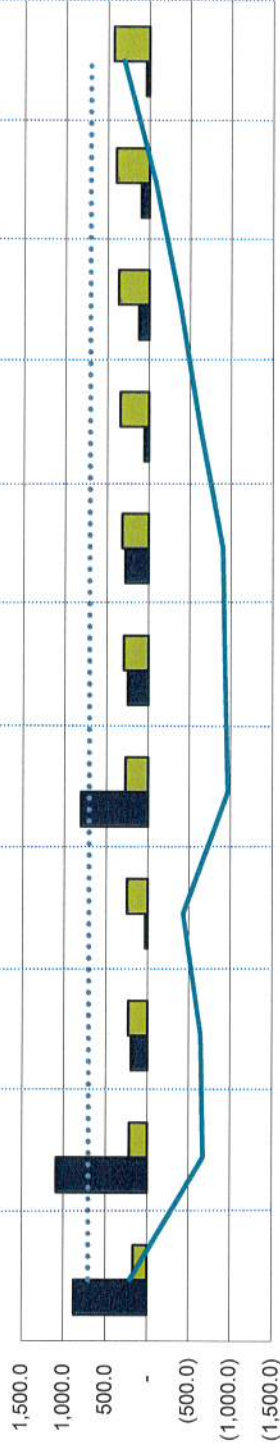
## RESERVE FORECAST & CASH FLOW - GROWTH & NEW RESERVE

Shown in \$ 000's	11 Year											
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	TOTAL
Opening G & N Reserve Balance	(1,526.8)	(2,633.7)	(2,169.9)	(6,294.6)	(5,979.8)	(6,352.7)	(5,500.0)	(4,593.0)	(3,550.0)	(2,392.4)	(1,139.5)	(1,526.8)
Opening Federal Gas Tax Reserve Balance	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total R &amp; R Reserve Balance</b>	<b>(1,526.8)</b>	<b>(2,633.7)</b>	<b>(2,169.9)</b>	<b>(6,294.6)</b>	<b>(5,979.8)</b>	<b>(6,352.7)</b>	<b>(5,500.0)</b>	<b>(4,593.0)</b>	<b>(3,550.0)</b>	<b>(2,392.4)</b>	<b>(1,139.5)</b>	<b>(1,526.8)</b>
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	921.2	718.2	776.3	844.3	915.7	990.8	1,069.7	1,152.6	1,239.6	1,331.1	1,427.2	11,386.7
Reserve Balance Interest (@ 1.15%)	(23.8)	(27.5)	(48.4)	(70.2)	(70.5)	(67.8)	(57.7)	(46.6)	(34.0)	(20.2)	(4.9)	(471.6)
<b>Total Revenue/Funding</b>	<b>897.4</b>	<b>690.7</b>	<b>727.9</b>	<b>774.1</b>	<b>845.2</b>	<b>923.0</b>	<b>1,012.0</b>	<b>1,106.0</b>	<b>1,205.6</b>	<b>1,310.9</b>	<b>1,422.3</b>	<b>10,915.1</b>
<b>Funding Requests:</b>												
From G & N Reserve Only	2,004.3	226.9	4,852.6	459.3	1,218.2	70.3	105.0	63.0	48.0	58.0	-	9,105.5
Total Funding Requests	<b>2,004.3</b>	<b>226.9</b>	<b>4,852.6</b>	<b>459.3</b>	<b>1,218.2</b>	<b>70.3</b>	<b>105.0</b>	<b>63.0</b>	<b>48.0</b>	<b>58.0</b>	<b>-</b>	<b>9,105.5</b>
<b>Ending R&amp;R Reserve Balance</b>	<b>(2,633.7)</b>	<b>(2,169.9)</b>	<b>(6,294.6)</b>	<b>(5,979.8)</b>	<b>(6,352.7)</b>	<b>(5,500.0)</b>	<b>(4,593.0)</b>	<b>(3,550.0)</b>	<b>(2,392.4)</b>	<b>(1,139.5)</b>	<b>282.8</b>	<b>282.8</b>



## RESERVE FORECAST & CASH FLOW - STUDIES & OTHER RESERVE

Shown in \$ 000's	11 Year											TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Opening S & O Reserve Balance	906.3	201.0	(675.1)	(648.6)	(432.2)	(972.0)	(934.6)	(904.7)	(624.1)	(380.9)	(82.1)	906.3
<b>Total R &amp; R Reserve Balance</b>	<b>906.3</b>	<b>201.0</b>	<b>(675.1)</b>	<b>(648.6)</b>	<b>(432.2)</b>	<b>(972.0)</b>	<b>(934.6)</b>	<b>(904.7)</b>	<b>(624.1)</b>	<b>(380.9)</b>	<b>(82.1)</b>	<b>906.3</b>
<b>Reserve 'Revenue':</b>												
Share of Cash to Capital	168.4	216.6	234.1	254.6	276.2	298.8	322.6	347.6	373.9	401.4	430.4	3,324.7
Reserve Balance Interest (@ 1.15%)	6.3	(2.7)	(7.6)	(6.2)	(8.0)	(10.9)	(10.5)	(8.7)	(5.7)	(2.6)	1.3	(55.3)
<b>Total Revenue/Funding</b>	<b>174.7</b>	<b>213.9</b>	<b>226.5</b>	<b>248.4</b>	<b>268.2</b>	<b>287.9</b>	<b>312.1</b>	<b>338.9</b>	<b>368.2</b>	<b>398.8</b>	<b>431.7</b>	<b>3,269.4</b>
<b>Funding Requests:</b>												
From S & O Reserve Only	880.0	1,090.0	200.0	32.1	808.0	250.5	282.2	58.3	125.0	100.0	44.0	3,870.1
<b>Total Funding Requests</b>	<b>880.0</b>	<b>1,090.0</b>	<b>200.0</b>	<b>32.1</b>	<b>808.0</b>	<b>250.5</b>	<b>282.2</b>	<b>58.3</b>	<b>125.0</b>	<b>100.0</b>	<b>44.0</b>	<b>3,870.1</b>
<b>Ending R&amp;R Reserve Balance</b>	<b>201.0</b>	<b>(675.1)</b>	<b>(648.6)</b>	<b>(432.2)</b>	<b>(972.0)</b>	<b>(934.6)</b>	<b>(904.7)</b>	<b>(624.1)</b>	<b>(380.9)</b>	<b>(82.1)</b>	<b>305.6</b>	<b>305.6</b>



Reserve Draws    
  Reserve Contributions    
  Reserve Balance    
  Reserve Balance Target

**DEVELOPMENT CHARGES - LONG TERM CASH FLOW AND RESERVE BALANCES**

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Project Total
<b>TOTAL</b>												
Opening Balance Reserve "Revenue":	(3,143.1)	144.7	17,351.0	(6,612.4)	3,746.0	13,923.0	14,289.1	11,852.5	17,186.4	22,581.6	28,038.9	(3,143.1)
Contribution from Developers* Reserve Balance Interest (@ 1.15%)	14,380.1	14,380.1	14,380.1	14,380.1	14,380.1	5,230.9	5,230.9	5,230.9	5,230.9	5,230.9	5,230.9	103,286.4
	(17.1)	68.5	(1.7)	(79.5)	38.0	98.2	86.4	103.0	164.3	226.3	284.4	970.8
<b>Total Revenue</b>	<b>14,363.0</b>	<b>14,448.6</b>	<b>14,378.5</b>	<b>14,300.7</b>	<b>14,418.1</b>	<b>5,329.2</b>	<b>5,317.3</b>	<b>5,333.9</b>	<b>5,395.2</b>	<b>5,457.3</b>	<b>5,515.3</b>	<b>104,257.2</b>
<b>Funding Requests:</b>												
Capital Requirement	11,075.3	2,757.7	38,341.8	3,942.3	4,241.1	4,963.1	7,753.9	-	-	-	820.0	73,895.2
Operating Requirement	-	-	-	-	-	-	-	-	-	-	-	-
Developer DC Credible Work	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Requirements</b>	<b>11,075.3</b>	<b>2,757.7</b>	<b>38,341.8</b>	<b>3,942.3</b>	<b>4,241.1</b>	<b>4,963.1</b>	<b>7,753.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>820.0</b>	<b>73,895.2</b>
<b>Ending R&amp;R Reserve Balance</b>	<b>144.7</b>	<b>17,351.0</b>	<b>(6,612.4)</b>	<b>3,746.0</b>	<b>13,923.0</b>	<b>14,289.1</b>	<b>11,852.5</b>	<b>17,186.4</b>	<b>22,581.6</b>	<b>28,038.9</b>	<b>32,734.2</b>	<b>27,218.8</b>

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

