



CITY OF HAMILTON
CORPORATE SERVICES DEPARTMENT
Financial Planning, Administration and Policy Division

TO:	Mayor and Members General Issues Committee
COMMITTEE DATE:	November 24, 2017
SUBJECT/REPORT NO:	2018 Tax Supported Capital Budget (FCS17099) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Lindsay Gillies (905) 546-2424 Ext. 2790 Marcin Zukowski (905) 546-2424 Ext. 2162 Marcel Cerminara (905) 546-2424 Ext. 4371
SUBMITTED BY:	Mike Zegarac General Manager Finance and Corporate Services
SIGNATURE:	

RECOMMENDATIONS

- (a) That the 2018 Tax Supported Capital Levy in the amount of \$110,454,000 be approved;
- (b) That the 2018 Tax Supported Capital Budget and Financing Plan in the amount of \$236,221,000, attached as Appendix “A” to Report FCS17099, be approved;
- (c) That the Tax Supported Discretionary Net Capital Funding Forecast 2018 – 2027, attached as Appendix “B” to Report FCS17099, which assumes
 - (i) a 0.5% Residential Property Tax increase in each year from 2019 to 2021;
 - (ii) an additional Property Tax increase of 0.66% in 2019 , 0.61% in 2020 and 0.27% in 2021 to fund the debt charges associated with the City’s share of Capital Levy Funding required for Public Transit Infrastructure Fund (PTIF) Capital Investments; be approved, in principle, and re-visited by Council each budget year;

- (d) That the operating and Full Time Equivalent (FTE) impacts of the Gage Park Tropical House (4451451004), in the amount of \$65,000 and 0.67 FTE, included in Appendix “C” to Report FCS17099 be incorporated into the 2018 Tax Supported Operating Budget, subject to approval of the 2018 Tax Supported Capital Budget funding of Gage Park Tropical House;
- (e) That the operating budget and FTE impacts of the 2018 Tax Supported Capital Budget, estimated to be \$2,206,990 and 15.77 FTEs, attached as Appendix “C” to Report FCS17099, be incorporated into the 2019, or future, Tax Supported Operating Budgets;
- (f) That the reserve funding included in the 2018 Tax Supported Capital Budget totalling \$49,992,000 attached as Appendix “D” to Report FCS17099, be approved;
- (g) That funding from previously approved projects (WIP’s) included in the 2018 Tax Capital Budget totalling \$13,473,000, as attached in Appendix “E” to Report FCS17099, be approved and any relevant projects be referred to the Capital Project Work-in-Progress Sub-Committee for closure;
- (h) That the General Manager, Finance and Corporate Services be authorized to negotiate the terms and placement of a debenture issue(s), and/or private placement debenture issue(s), and/or bank loan agreement and debenture issue(s), and/or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$20,447,000 related to the 2018 Tax Supported Capital Budget, as attached in Appendix “A” to Report FCS17099, which includes \$12,393,000 in Tax Supported debt and \$8,054,000 in Development Charges Tax Supported debt;
- (i) That the General Manager, Finance and Corporate Services be authorized to negotiate the terms and placement of a debenture issue(s), and/or private placement debenture issue(s), and/or bank loan agreement and debenture issue(s), and/or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$42,137,000 related to the 2018 Rate Supported Capital Budget, as attached in Appendix “G” to Report FCS17099, which includes \$16,615,000 in Rate Supported debt and \$25,522,000 in Development Charges Rate Supported debt;
- (j) That the General Manager, Finance and Corporate Services and Mayor be authorized to negotiate and execute all required documentation satisfactory to the City Solicitor to secure the terms and issuance of a debenture issue(s), and/or private placement debenture issue(s), and/or bank loan agreement and debenture issue(s), and/or variable interest rate bank loan agreement and debenture issue(s); and to engage the services of a fiscal agent(s), and/or Infrastructure Ontario’s Loan Program, and outside legal counsel; and to enter into all agreements necessary,

including Letter(s) of Representation with The Canadian Depository for Securities Limited;

- (k) That a By-Law(s) be passed authorizing the debenture issue(s), and/or private placement debenture issue(s), and/or bank loan agreement and debenture issue(s), and/or variable interest rate bank loan agreement and debenture issue(s), as negotiated and placed in accordance with recommendation (h) and (i) above.
- (l) That the Erosion Leachate-Rennie Brampton project (5120392305) in the amount of \$913,000 be funded from the Working Capital Reserve.

EXECUTIVE SUMMARY

Report FCS17099 provides the multi-year budget recommendations required to approve the 2018 Tax Supported Capital Budget. The complete details of the capital budget are provided in the “2018 Tax Supported Capital Budget” books 1 and 2 which are distributed under separate cover.

The 2018 Tax Supported Capital Budget supports the City’s Strategic Plan and Council’s Strategic Directions of Economic Prosperity and Growth, Built Environment and Infrastructure and Our People and Performance.

The Tax Supported Operating Budget funds a portion of the projects in the Tax Supported Capital Budget. The recommendations in Report FCS17099 and the Table 1 reflect a capital levy tax increase in the Tax Supported Operating Budget of \$7,500,000 that translates into an average residential property tax increase of 0.9%.

The recommended 0.9% capital levy tax increase represents an increase of \$30 for an average assessed house.

Historically, the capital levy tax increase has been 0.5% with exceptions in some years. An additional tax increase of 0.4% is required to fund the debt charges in the 2018 Tax Supported Operating Budget for the City’s share of the investment through the Public Transit Infrastructure Fund (PTIF). Council at its meeting of October 12, 2016 approved GIC Report 16-023 which included the City’s submission of projects under PTIF as detailed in Report FCS16083. The Federal Government of Canada through Ministry of Transportation Ontario will provide \$36,489,204 and the City will fund \$36,489,204 (\$29,327,000 Net of development charges) for PTIF projects totalling \$72,978,408. External debt of \$29,327,000 to be issued in future years when construction is completed, results in annual debt charges of \$3,400,000 over 10 years.

The recommended 2018 Tax Supported Capital Levy of \$110,454,000 and the split between debt charges and transfer from operating to capital is reflected in Table 1.

Table 1

CAPITAL BUDGET IMPACT ON OPERATING BUDGET				
(\$000's)				
	2017 APPROVED	2018 PROPOSED	CHANGE	
			\$	%
Debt Charges	52,091	42,420	(9,671)	(18.6)
Transfer from Operating	50,863	68,034	17,171	33.8
Total Impact	102,954	110,454	7,500	7.3
Impact on Average Residential Property Tax 0.9% (\$30)				

Table 2 of Report FCS17099 provides a summary of the proposed 2018 Tax Supported Capital Budget by program area with a comparison to the Approved 2017 Tax Supported Capital Budget.

The 2018 Tax Supported Capital Budget provides \$236,221,000 in funding compared to \$289,404,000 in the Approved 2017 Tax Supported Capital Budget. The 2017 Tax Supported Capital Budget had a greater dollar amount due to Public Transit Infrastructure related projects.

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	2017 APPROVED		2018 PROPOSED	
	GROSS	NET	GROSS	NET
<u>Proposed Program Funding</u>	\$	\$	\$	\$
Recreation Facilities	14,482	8,620	10,169	4,624
Corporate Facilities	4,960	4,450	16,217	4,507
Entertainment Facilities	1,590	800	7,000	1,300
Forestry & Horticulture (Includes Tree Planting)	1,550	1,345	1,742	1,345
Open Space Development	10,505	3,018	7,868	3,241
Waste Management	8,959	7,862	4,556	4,556
Transit Services	90,713	33,027	19,408	4,820
Corporate Fleet Services	7,895	-	7,739	-
Parks & Cemeteries	1,590	1,138	1,590	1,138
Roads / Bridges / Sidewalk / Street Lighting / Traffic	82,532	55,019	82,675	55,202
West Harbour & Waterfront Initiatives	27,235	27,235	25,790	24,280
Public Health	92	92	-	-
Community Services	167	167	320	-
Housing Services	500	500	11,000	11,000
Long-Term Care Facilities	1,709	500	1,606	500
Emergency Services	7,338	650	8,232	580
Corporate Services / City Manager	5,786	4,540	7,455	5,983
Area Rating (Ward 1-8)	2,053	-	870	-
Planning & Development	7,336	1,053	4,611	130
Tourism & Culture	1,852	1,852	1,702	1,702
Downtowns & Commercial Districts	2,210	2,210	2,260	2,210
Total Program Funding	281,054	154,078	222,810	127,118
<u>Other Major Projects</u>				
Parkland Acquisition	-	-	-	-
Randle Reef	300	300	375	375
Emerald Ash Borer Program	2,600	2,600	2,600	2,600
Total Other Major Projects	2,900	2,900	2,975	2,975
Total Before Special Levies and Boards	283,954	156,978	225,785	130,093
<u>Special Levies & Boards</u>				
CityHousing	500	500	500	500
Police Services	-	-	1,550	0
Hamilton Public Library	2,905	1,136	6,344	2,260
Beach Rescue	45	-	42	-
H.C.A\Confederation Park\Westfield	2,000	2,000	2,000	2,000
Total Special Levies & Boards	5,450	3,636	10,436	4,760
Total Funded Projects	289,404	160,614	236,221	134,853

Alternatives for Consideration – See Page 10

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: The 2018 Tax Supported Capital Budget & Financing Plan in the amount of \$236,221,000 attached as Appendix “A” to Report FCS17099, includes the gross costs and sources of financing. The 2018 Capital Levy of \$110,454,000 will be incorporated into the 2018 Tax Operating Budget, representing a \$7,500,000 increase from 2017 and a 0.9% tax impact on an average residential property.

Some capital projects, especially those that provide new or expanded services, have an impact on operating costs on an ongoing basis once the projects have been completed. The estimated operating impact of the recommended 2018 capital projects is \$2,271,990 which includes \$65,000 for 2018 and \$2,206,990 for 2019-2020 as per Appendix “C” to Report FCS17099. The \$2,206,990 in operating impact is recommended to be incorporated into the 2019, or future, Tax Supported Operating Budgets for Council’s consideration next year.

A summary of the Operating Budget Impacts of Capital by project are attached as Appendix “C” to Report FCS17099. The operating costs, by project, are also identified on the “2018 – 2027 Capital Budget Project Lists” and the “Capital Budget Project Detail Sheets” included in the 2018 Tax Supported Capital Budget Book 2.

The Discretionary Tax Supported Net Capital Funding Forecast 2018 – 2027, attached as Appendix “B” to Report FCS17099, provides a forecast of discretionary capital funding for years 2018 to 2027. The forecast assumes a 0.5% tax increase or \$4,100,000 levy increase for capital in 2018. In addition to the 0.5% tax increase in years 2018-2027, the forecast includes incremental increases of 0.4% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021 to cover the debt charges associated with the City’s share of the Public Transit Infrastructure Fund (PTIF) Program. In total there is \$1,233,388 in discretionary funding for the period 2018 to 2027.

In order to accommodate growing capital spending requirements, a total of \$20,447,000 has been allocated to debt financing in the 2018 Tax Capital Budget. This amount includes \$12,393,000 in Tax Supported debt and \$8,054,000 in Development Charges Tax Supported debt.

In addition, total proposed 2018 Rate Supported debt amounts to \$42,137,000, which consists of \$16,615,000 Rate Supported debt and \$25,522,000 in Development Charges Rate Supported debt.

Staffing: The operating budget and FTE impacts related to the proposed 2018 Tax Supported Capital Budget totals \$2,271,990 and 16.44 FTE which includes \$65,000 and 0.67 FTE for 2018 and \$2,206,990 and 15.77 FTE for 2019 – 2020 as identified in Appendix “C” to Report FCS17099.

Legal: N/A

HISTORICAL BACKGROUND

The City of Hamilton employs a hybrid Capital Block Funding Prioritization methodology to allocate sources of revenue to capital projects which over the years has evolved, aligning with the City's Corporate Strategic Plan. This has been accomplished by senior staff in all program areas endorsing a corporate Capital funding program focused on prudent financial management. As part of newly proposed Bill 6, Infrastructure for Jobs and Prosperity Act, the City's Asset Management Team has identified a number of assets across the City that require funding in order to preserve the average grade. Upon reviewing the financial position of current funding sources Staff concludes that existing funding is unsustainable to facilitate the proposed capital upgrades. The process for the 2018 Tax Supported Capital Budget was as follows:

Staff determined the discretionary funding available from the most current information available. Discretionary funds are those funds that could be directed to any Capital program area. This would not include specific use reserve funds (i.e. Development Charges, Fleet, Transit, etc.) or any other specific use funding. Staff met in the second and third quarters of 2017 to determine needs and create funding strategies based on those needs versus financial constraints. Quantitative Block Funding strategies were based on historical funding averages, masterplan requirements and subsidy eligibility. Capital projects receiving significant subsidy and/or approved by Council prior to Capital Budget deadlines receive priority in the Block Funding process.

Under direction from the Council, the City's Staff are in a process of implementing a multi-year capital budget. This approach to business planning enables the City to respond to political, economic, social and environmental conditions. The capital budget process maintains a 10 Year outlook with the focus on the first 4 years, 2018-2021.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

Report FCS17099 meets the requirements of the City of Hamilton's Debt Policy, whereby Council authority is required to issue debt.

The 2018 Recommended Tax Budget (Report FCS17099) supports the principle of a tax levy system. The City's Multi-Year Business Planning and Budget Policy has guided the recommendations in Report FCS17099 as follows:

- Tax Capital Budgets for a four-year period (2018 to 2021) comprised of a one-year period for approved and a three-year forecast plan be adopted plus a further six-year forecast (2022 to 2027) be received for information.

Asset management regulations under *Bill 6, Infrastructure for Jobs and Prosperity Act*, 2015 are being considered for adoption by the Province in January 2018. The Tax Capital Budget forecasts in Report FCS17099 are based on the best available information as the impact of these asset management regulations is not fully known.

RELEVANT CONSULTATION

The 2018 Tax Supported Capital Budget is prepared from submissions from departments and consultation with departments.

ANALYSIS AND RATIONALE FOR RECOMMENDATIONS

The 2018 Tax Supported Capital Budget & Financing Plan in the amount of \$236,221,000, attached as Appendix “A” to Report FCS17099, includes the gross costs and sources of financing.

Staff are recommending a 2018 Capital Levy of \$110,454,000 representing an increase of \$7,500,000 over the 2017 Capital Levy of \$102,954,000 in the Tax Supported Operating Budget. The increase of \$7,500,000 represents a 0.9% increase to the tax impact of the City’s Preliminary 2018 Tax Supported Operating Budget which equates to an increase of \$30 on an average residential property. Of the 0.9% Property Tax increase, 0.4% supports the debt charges associated with the City’s share of Capital Levy Funding required for PTIF Capital Investments.

Funding from Reserves of \$49,992,000 is provided in Appendix “D” to Report FCS17099. The remaining sources of financing the 2018 Gross Tax Supported Capital Budget are summarized in Appendix “A” to Report FCS17099.

Staff have submitted a number of projects that are not included in the 2018 Tax Supported Capital Budget and Financing Plan. A list of these projects is included in 2018 Tax Supported Capital Budget Book 1 which will be available prior to the General Issues Committee meeting on November 24, 2017.

Council approved a Debt Management Policy and Lease Financing Policy (Report FCS13074) in October 2013, which contains the City-internal goals on debt levels, statutory limits on debt and financial ratios related to debt. These ratios are provided in Appendix “F” to Report FCS17099. Collectively, these financial indicators for the past four years (2012 to 2016) have generally increased, and some are forecasted to

decrease for 2017 and 2018. They will remain well within the affordability range and acceptable levels of prudent financial management.

The debt related financial indicators include the following items:

I. City-internal Goals on Debt Levels:

1. Total tax and rate-supported debt as a percentage of City Own-Source revenues, not to exceed 60%, unless approved by Council.
The City’s debt ratios for 26.7% in 2016, estimated 23% in 2017 and forecasted 23.5% for 2018 are well within the limit, of 60%.

2. Total Development Charge (DC) supported debt as a percentage of the total DC Eligible Costs for the forecast period of the latest DC Background Study, not to exceed 25%, unless approved by Council.

The City considers the limit of 25% to be an appropriate balance between two competing uses of revenues generated by development charges: i) to sustain and ensure adequate infrastructure (capital), services and resources to support the City's growth plans and (ii) to repay the debt issued for development.

The City's debt ratios of 2.3% in 2016 and estimated 2% in 2017 and forecasted 3.7% for 2018 are well within the limit, of 25%.

II. Statutory Limits:

1. The annual debt and financial obligation limit for the City is calculated in accordance with Section 3 of Ontario Regulation 403/02 as amended.

The City's debt service charges as a percentage of City Own Source Revenue of 4.7% in 2016 and estimated 6% in 2017 and forecasted 4.1% for 2018 are well within the limit, of 25%.

2. Outstanding variable interest rate bank loan agreements and variable interest rate debentures, in total, cannot exceed 15% of the total outstanding debt of the City as set out in Ont. Reg. 276/02 s(2).

The City's debt ratios are below the limit at 6.5% for 2016 and forecasted 5% for 2018 are well within the limit, of 15%.

III. Financial ratios

The debt related financial ratios will remain well within the affordability range and acceptable levels of prudent financial management. Appendix "F" to Report FCS17099 provides the results of the following ratios:

- Debt and debt service charges per capita;
- Debt service charges as a percentage of City Own Source Revenue;
- Debt service charges as a percentage of the municipal levy;
- Debt to operating revenues;
- Debt to reserves and reserve funds; and,
- Cash and liquid assets to debt service; cash and liquid assets minus debt.

According to Ontario Regulation 403/02, Council shall, before giving authorization for capital work that would require a long-term debt or financial obligation, have the City Treasurer calculate an updated Annual Repayment Limit (ARL) using the most recent

Annual Repayment Limit determined by the Ministry. The most recent ARL, determined and sent in writing by the Ministry on February 8, 2017 to the City Treasurer, is the 2017 ARL in the amount of \$260,024,674 and is based on 2015 Financial Information Returns.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

Using this 2017 ARL, the City Treasurer has calculated an updated ARL of \$211,528,246, shown in Table 3, below. The 2017 ARL was adjusted for possible debt service charges of \$55,685,842 corresponding to approximately \$578 M of debt which has been approved by Council in 2016 and prior years but not yet issued. The 2017 ARL was then further adjusted for debt service charges assumed or discharged on debt since December 31, 2015 to the end of this fiscal year 2017. According to this calculation, the updated ARL of \$211,528,246 represents a maximum amount which the City has available to commit to payments related to debt and financial obligations before the statutory limit is breached and corresponds to approximately \$2.2 B of additional borrowing which the City could undertake (assuming a 15 year term and 5% interest rate).

Table 3

City Treasurer's Updated 2017 Annual Repayment Limit	
Unadjusted Annual Repayment Limit - effective January 1, 2017, based on December 31, 2015 FIR, calculated by the Ministry of Municipal Affairs	\$260,024,674
Debt service charges on approved debt in 2016 and prior years but not yet issued (\$578 M @ 5% for 15 years)	-\$55,685,842
Annual debt service charges resulting from 2016 debenture issue of \$128.415 M	-\$11,540,946
Debt service charges on debt that has expired in 2016 and in 2017	\$18,730,360
Adjusted 2017 Annual Repayment Limit	\$211,528,246
Debenture amount at 5% interest rate for 15 years term (amortizer) corresponding to annual debt service charges of \$211,528,246	\$2,195,590,860

ALTERNATIVES FOR CONSIDERATION

In 2017, the total cost of the Public Transit Capital submissions totalled \$72,978,408 with the City's share amounting to \$36,489,204 (net discretionary impact of \$29.3 M). This Capital Funding requirement was not included in the previous year's Capital Funding forecast and without additional Capital Levy funding (over and above the 0.5% funding strategy) the City's Tax Supported Debt Capacity would be significantly impacted. The 0.4% Property Tax increase supports the \$3,400,000 (\$14 annual

Property Tax Increase for an average household) in debt charges associated with the increased Transit Capital request.

The alternative to the recommended 2018 Tax Supported Capital Budget is to forgo issuing the \$29,327,000 debt required to fund PTIF projects. Alternatively, internal funds could be borrowed from a Reserve with annual repayments made through future Tax Supported Capital Budgets to replenish the original source of funds. This would place an annual pressure of \$3,400,000 on the Tax Supported Capital Budget in addition to what is forecasted in Appendix “B” to Report FCS17099. The additional pressure would need to be accommodated by decreasing the identified block funding for a 10-year period.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement and Participation

Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.

Economic Prosperity and Growth

Hamilton has a prosperous and diverse local economy where people have opportunities to grow and develop.

Clean and Green

Hamilton is environmentally sustainable with a healthy balance of natural and urban spaces.

Built Environment and Infrastructure

Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

Culture and Diversity

Hamilton is a thriving, vibrant place for arts, culture, and heritage where diversity and inclusivity are embraced and celebrated.

Our People and Performance

Hamiltonians have a high level of trust and confidence in their City government.

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” to Report FCS17099 – 2018 Tax Capital Budget & Financing Plan

Appendix “B” to Report FCS17099 – Discretionary Tax Supported Net Capital Funding 2018 – 2027 Forecast

Appendix “C” to Report FCS17099 – 2018 Tax Capital Budget Operating Budget & FTE Impact for Projects included in the Financing Plan

Appendix “D” to Report FCS17099 – 2018 Tax Capital Budget Proposed Reserve Funding by Reserve and Project

Appendix “E” to Report FCS17099 – 2018 Tax Capital Budget WIP Funding

Appendix “F” to Report FCS17099 – City of Hamilton Debt Policy Financial Indicators

Appendix “G” to Report FCS17099 – Water, Wastewater & Storm 2018 Rate and DC Supported Debt

		Project Specific Revenues						Financing Sources			
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>	
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>	
					<u>Debt)</u>				<u>Dividends</u>		
<u>Parking Services</u>											
City Wide	4901841800	Fence Replacement - Municipal Carparks	100	-	-	100	-	100	-	-	-
City Wide	4901841801	Elevator Replacement-York Parkade	400	-	-	400	-	400	-	-	-
2	4901841802	Summers Lane Reconstruction	500	-	-	500	-	500	-	-	-
City Wide	4901751700	Parking Payment Equipment	400	-	-	400	-	400	-	-	-
Sub-Total Parking Services			1,400	0	0	1,400	0	1,400	0	0	0
<u>Planning Services</u>											
City Wide	8120955900	Community Planning Studies	30	-	-	30	-	30	-	30	-
City Wide	8121755705	Urban and Rural Official Plan Five Year Review	181	-	-	181	81	100	-	100	-
Sub-Total Planning Services			211	0	0	211	81	130	0	130	0
<u>Tourism & Culture</u>											
2	7201841803	St. Mark's Interior Restoration	500	-	-	500	-	500	-	-	500
8	7101741702	Auchmar Wall Project	547	-	-	547	-	547	-	-	547
City Wide	7201858803	Hamilton and Scourge Security	75	-	-	75	-	75	-	-	75
City Wide	7201858802	Art and Monuments	55	-	-	55	-	55	-	-	55
4	7201841802	Hamilton Museum of Steam & Technology Keeper Steps	65	-	-	65	-	65	-	-	65
3	7201841804	Children's Museum Expansion-Exhibits	350	-	-	350	-	350	-	-	350
1	7201841805	Dundurn Small Dinning Room Conservation	55	-	-	55	-	55	-	-	55
2	7201841807	2018 Whitehern Hall Conservation	55	-	-	55	-	55	-	-	55
Sub-Total Tourism & Culture			1,702	0	0	1,702	0	1,702	0	0	1,702
<u>Urban Renewal</u>											
City Wide	8201703706	Community Downtowns and BIAs	324	-	-	324	-	324	-	-	324
City Wide	3621708002	Brownfield Development	250	-	-	250	-	250	-	-	250
City Wide	7201858801	(TCD) City of Hamilton Music Strategy	50	-	-	50	50	-	-	-	0
City Wide	8201703100	Office Tenancy Assistance Program	25	-	-	25	-	25	-	-	25
	8201703700	Barton/Kenilworth Commercial Corridor Building Grant Program	700	-	-	700	-	700	-	-	700
2, 3, 4	8201703701	Barton and Kenilworth Rebate of Planning and Building Fees	230	-	-	230	-	230	-	-	230
City Wide	8201703703	(BIA) Commercial Property Improvement Grant Program	406	-	-	406	-	406	-	-	406
City Wide	8201703704	Commercial Property Improvement Grant Program	250	-	-	250	-	250	-	-	250
2, 3, 4	8201703900	Downtown West Harborfront Remediation Loan Program	25	-	-	25	-	25	-	20	5
Sub-Total Urban Renewal			2,260	0	0	2,260	50	2,210	0	20	2,190
Total Planning & Economic Development			8,573	0	0	8,573	3,081	1,450	0	150	3,892

		Project Specific Revenues						Financing Sources			
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>	
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>	
					<u>Debt)</u>				<u>Dividends</u>		
<u>Council Strategic Projects</u>											
City Wide	2110953900										
	Randle Reef Rehabilitation Project	375	-	-	375	-	-	375	-	-	375
Sub-Total Council Strategic Projects		375	0	0	375	0	0	375	0	0	375
Total Council Initiatives		1,245	0	0	1,245	0	870	375	0	0	375
<u>City Manager</u>											
<u>City Manager</u>											
City Wide	3381858502										
	Enhancing City of Hamilton App for citizen services	40	-	-	40	-	-	40	-	-	-
City Wide	3381858503										
	Performance Excellence - Dashboard, Open Data Infrastructure (Hub and Data Portal)-Cash Flow	250	-	-	250	-	-	250	-	-	-
Sub-Total City Manager		290	0	0	290	0	0	290	0	0	0
<u>Human Resources</u>											
City Wide	2051857111										
	Corporate KRONOS	250	-	-	250	-	96	36	118	-	118
City Wide	2051759701										
	HR Self Service Enhancements Phase 1 and Phase 2	150	-	-	150	-	-	150	-	-	150
City Wide	2051759702										
	Profile Management Phase 1 and Phase 2	100	-	-	100	-	-	100	-	-	100
Sub-Total Human Resources		500	0	0	500	0	96	36	368	0	368
Total City Manager		790	0	0	790	0	96	326	368	0	368
<u>Corporate Services</u>											
<u>City Clerk</u>											
City Wide	3521858100										
	Digitization of Microfiche Records	125	-	-	125	-	125	-	-	-	-
Sub-Total City Clerk		125	0	0	125	0	125	0	0	0	0
<u>Finance</u>											
City Wide	2051580510										
	DC Exemptions Recovery	5,000	-	-	5,000	-	-	5,000	-	5,000	-
City Wide	3381857501										
	Capital Budget System Upgrade	50	-	-	50	-	-	50	-	-	50
City Wide	3381855301										
	2019 Development Charges' Bylaw Studies	650	-	-	650	585	-	65	-	-	65
Sub-Total Finance		5,700	0	0	5,700	585	0	5,115	0	5,000	115
<u>Information Technology (IT)</u>											
City Wide	3501757702										
	Network Infrastructure Sustainability and Continuous Improvement	160	-	-	160	-	-	160	-	160	-
City Wide	3501657602										
	IT Security	160	-	-	160	-	-	160	-	160	-
City Wide	3501857801										
	IT Strategy and Enterprise Architecture	395	-	-	395	-	340	55	-	55	-
City Wide	3501357302										
	Common Address Database (on behalf of all Departments)	125	-	-	125	-	-	125	-	125	-
Sub-Total Information Technology (IT)		840	0	0	840	0	340	500	0	500	0
Total Corporate Services		6,665	0	0	6,665	585	465	5,615	0	5,500	115

		Project Specific Revenues							Financing Sources					
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>			
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>				
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>				
					<u>Debt)</u>				<u>Dividends</u>					
<u>Public Works Tax</u>														
<u>Corporate Facilities</u>														
12	3541641602	Ancaster Memorial Arts & Culture Centre	11,200	6,000	4,900	300	-	300	-	-	-			
7	3541841801	Rymal Yard Building Envelope Repairs	150	-	-	150	-	-	150	-	-			
11	3541841910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210	-	-	210	-	210	-	-	-			
City Wide	3541849003	Backflow Prevention for Various Facilities	450	-	-	450	-	-	450	-	450			
2	3541741603	Central Library Window Replacement	1,227	-	-	1,227	-	-	1,227	-	1,227			
City Wide	3541841409	Program - Facilities Code & Legislative Compliance	680	-	-	680	-	-	680	-	680			
City Wide	3541841412	Program - Roof Management	600	-	-	600	-	-	600	-	600			
City Wide	3541841532	Program - Facility Capital Maintenance	350	-	-	350	-	-	350	-	350			
City Wide	3541841631	Program - Facilities Security	150	-	-	150	-	-	150	-	150			
City Wide	3541855100	Corporate Facilities Audit Program	100	-	-	100	-	-	100	100	-			
5, 10	3541855701	Confederation Beach Park Facility Assessment	150	-	-	150	-	150	-	-	-			
City Wide	3541841013	Program - Firestations Facility Upgrade	350	-	-	350	-	-	350	-	350			
City Wide	3541841010	Program - Facility Upgrades to Hamilton Public Libraries	100	-	-	100	-	-	100	-	100			
City Wide	3541841648	Program - Parking Lot Rehabilitation	350	-	-	350	-	-	350	-	350			
City Wide	3541855001	Program Yard Capital Renewal	150	-	-	150	-	-	150	-	150			
Sub-Total Corporate Facilities			16,217	6,000	4,900	5,317	0	660	150	4,507	0	250	4,257	0
<u>Recreation Facilities</u>														
City Wide	7101854536	Program - Arena Retrofits	250	-	-	250	-	-	250	-	250			
15	7101454202	Waterdown Memorial Park Ice Loop	380	-	-	380	380	-	-	-	-			
6	7101649601	Bernie Arbour Stadium - Upgrades	150	-	-	150	-	-	150	-	150			
13	7101854807	Dundas Valley Community Park Improvement & Pavillion	350	-	-	350	-	-	350	-	350			
2	7101854810	Durand Washroom Facility	50	-	-	50	-	50	-	-	-			
2	7101841800	Parks North Yard at Bayfront Park	3,115	-	-	3,115	800	-	2,315	-	-			
5	7101854803	Domenic Agostino Riverdale Community Centre - Expansion - DC Debt	500	-	-	500	450	-	-	-	50			
7	7101854811	Hill Park Recreation Centre - Renovation	400	-	-	400	-	-	400	-	400			
7	7101754702	Mountain Arena Elevators	0	-	-	0	-	-	0	-	-			
City Wide	7101854702	Program - Facility Capital Maintenance	200	-	-	200	-	-	200	-	200			
City Wide	3541855101	Recreation Facilities Audit Program	110	-	-	110	-	-	110	-	110			
City Wide	7101841701	Program - Community Halls Retrofits	100	-	-	100	-	-	100	-	100			
8	7101654802	William Connell Park Washroom Facility	700	-	-	700	630	-	70	-	70			
City Wide	7101854105	Program - Park & Fieldhouse Retrofits	250	-	-	250	-	-	250	-	250			
City Wide	7101854508	Public Use Feasibility Needs & Study	150	-	-	150	108	-	42	-	42			
4	7101558501	Parkdale Outdoor Pool Redevelopment	1,000	-	-	1,000	198	-	802	-	802			
3	7101654700	Pinky Lewis Recreation Centre Expansion Project	500	-	-	500	-	-	500	-	500			
11	7101754701	Glanbrook Arena Elevator	600	200	-	400	-	-	400	-	400			
5	7101754805	Sir Wilfrid Laurier Gymnasium Replacement/Addition.	550	-	-	550	-	-	550	-	550			
City Wide	7101841706	Program - Recreation Centre Retrofits	200	-	-	200	-	-	200	-	200			
City Wide	7101854703	Program - Senior Centre Retrofits	100	-	-	100	-	-	100	-	100			
15	7101841213	Flamborough Seniors Recreation Centre Barrier -Free Washroom	220	-	-	220	-	220	-	-	-			

		Project Specific Revenues							Financing Sources					
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>			
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>				
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>				
					<u>Debt)</u>				<u>Dividends</u>					
1	7101758002	Alexander Park Spraypad	194	44	-	150	-	150	0	-	-	-		
9	7101858802	Maplewood Park Washroom Lifecycle Repairs	100	-	-	100	-	-	100	-	-	100		
Sub-Total Recreation Facilities			10,169	244	0	9,925	2,566	270	2,465	4,624	0	0	4,624	0
Entertainment Facilities														
2	3721841801	Program FirstOntario Concert Hall	200	-	200	-	-	-	-	-	-	-		
2	3721851803	Hamilton Convention Centre Exterior Restoration Program	2,000	-	-	2,000	-	-	2,000	-	-	-		
2	3721841805	Program HCC, FOCH & FOC Lifecycle Renewal	500	-	-	500	-	-	500	-	-	500		
2	3721851801	First Ontario Centre Vertical Transportation	4,300	-	-	4,300	-	1,487	2,013	800	-	800		
Sub-Total Entertainment Facilities			7,000	0	200	6,800	0	1,487	4,013	1,300	0	0	1,300	0
Fleet Services														
City Wide	4941851001	Shop Equipment Replacement	162	-	-	162	-	162	-	-	-	-		
City Wide	4941851004	Street Sweeper Purchase	720	-	-	720	-	720	-	-	-	-		
City Wide	4941851100	Fleet Vehicle&Equipment Replace Program	6,857	-	-	6,857	-	6,857	-	-	-	-		
Sub-Total Fleet Services			7,739	0	0	7,739	0	7,739	0	0	0	0	0	0
Forestry & Horticulture														
City Wide	4451451004	Gage Park Tropical House	300	-	-	300	-	-	300	-	-	300		
City Wide	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost	2,600	-	-	2,600	-	-	2,600	-	2,000	600		
City Wide	4451751007	Rural Street Tree, Parks and Cemeteries (Citywide) Tree	97	-	-	97	-	-	97	-	-	97		
City Wide	4451853444	Tree Planting Program	1,345	-	-	1,345	-	-	397	948	-	948		
Sub-Total Forestry & Horticulture			4,342	0	0	4,342	0	0	397	3,945	0	2,000	1,945	0
O & M - Parks & Cemeteries														
City Wide	4401849801	Monitoring and Repairs of the Escarpment and Waterfront	65	-	-	65	-	-	65	-	-	65		
7	3541841801	Rymal Yard Building Envelope Repairs	75	-	-	75	-	-	75	-	-	75		
City Wide	4401549503	Cemetery Development	20	-	-	20	-	-	20	-	-	20		
City Wide	4401849007	Cemetery Columbarium	50	-	-	50	-	50	-	-	-	-		
City Wide	4401841001	Cemetery Building Repairs	100	-	-	100	-	-	100	-	-	100		
City Wide	4401849107	Park Fencing Program	100	-	-	100	-	-	100	-	-	100		
City Wide	4401849802	Heritage Green Maintenance Building Site Works	150	-	-	150	-	-	150	-	-	150		
City Wide	4401849510	Spraypad Infrastructure Rehabilitation Program	40	-	-	40	-	-	40	-	-	40		
City Wide	4401849008	Extreme Park Makeover Program	15	-	-	15	-	-	15	-	-	15		
City Wide	4401852600	Playground Lifecycle Replacement Program	200	-	-	200	-	-	200	-	-	200		
City Wide	4401856001	Leash free Dog Park Program	80	-	-	80	-	80	-	-	-	-		
City Wide	4401851601	Equipment Acquisition (DC) Program	247	-	-	247	247	-	-	-	-	-		
City Wide	4401851700	Small Equipment Replacement (Reserve) Program	75	-	-	75	-	75	-	-	-	-		
City Wide	4401849101	Park Pathway Resurfacing Program	133	-	-	133	-	-	133	-	-	133		
City Wide	4401852100	CSA Safety Material Replacement Program	145	-	-	145	-	-	145	-	-	145		
City Wide	4401811601	Cemetery Roads Rehabilitation Program	85	-	-	85	-	-	85	-	-	85		
City Wide	4401855800	QC/CA - Parks and Cemeteries Material Testing	10	-	-	10	-	-	10	-	-	10		
Sub-Total O & M - Parks & Cemeteries			1,590	0	0	1,590	247	205	0	1,138	0	0	1,138	0

		Project Specific Revenues						Financing Sources						
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>			
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>				
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>				
					<u>Debt)</u>				<u>Dividends</u>					
<u>Open Space Development</u>														
8	4401756824	William Connell Community Park	250	-	-	250	225	-	-	25	-	25	-	
City Wide	4401855600	Parks Testing and Reporting	50	-	-	50	-	-	50	-	-	50	-	
1	4401856127	Churchill Park Master Plan Implementation Phase 2	50	-	-	50	-	-	50	-	-	50	-	
15	4401856300	Parkside Hills	458	-	-	458	412	-	46	-	-	46	-	
2	4401856615	John St. N. & Rebecca St. Park - Master Plan	360	-	-	360	-	-	360	-	-	-	-	
5	4401856802	Beach Park Development Program	100	-	-	100	-	100	-	-	-	-	-	
9	4401856804	Highbury Meadows North Park (Proposed)	80	-	-	80	72	-	8	-	-	8	-	
9	4401856805	Cline Park Redevelopment	60	-	-	60	-	-	60	-	-	60	-	
12	4401856806	Bookjans West Proposed Park (25T 200725) - Ancaster	70	-	-	70	63	-	7	-	-	7	-	
11	4401856807	Glanbrook Hills Phase 2	100	-	-	100	-	-	100	-	-	100	-	
14	4401856812	Spencer Creek Estates (14)	60	-	-	60	54	-	6	-	-	6	-	
8	4401856813	Chedoke Falls Viewing Feasibility Study	60	-	-	60	-	-	60	-	-	60	-	
11	4401856815	Caterini Park (Binbrook)	610	-	-	610	549	-	61	-	-	61	-	
11	4401856817	Fifty Road Parkette Redevelopment	100	-	-	100	-	-	100	-	-	100	-	
City Wide	4401856819	Waterfalls Viewing	120	-	-	120	-	-	120	-	-	120	-	
2	4401856910	John St. N. & Rebecca St. Park - Land Acquisition	1,550	-	-	1,550	-	1,550	-	-	-	-	-	
2	4411806201	Central Park Redevelopment	1,647	-	-	1,647	-	-	611	1,036	-	1,036	-	
4	4241809401	AM Cunningham Park redevelopment	338	-	-	338	-	338	-	-	-	-	-	
3	4401256520	Gage Park Redevelopment - Walkway lighting & Paving	400	-	-	400	-	-	400	-	-	400	-	
11	4401456009	Mount Hope Park Development	500	-	-	500	-	-	93	407	-	407	-	
4	4241409341	W4 Pipeline Trail	300	-	-	300	-	-	100	200	-	200	-	
City Wide	4401556504	Trails Master Plan Programming	75	-	-	75	-	-	75	-	-	75	-	
5	4401856803	RHV Trails Master Plan - The Nest	300	-	-	300	-	-	300	-	-	300	-	
City Wide	4401856601	Legislated Monitoring	50	-	-	50	-	-	50	-	-	50	-	
9	4401556503	Heritage Green Community Sports Park Implementation	80	-	-	80	-	-	80	-	-	80	-	
City Wide	4401858800	Skatepark Facility - Recreation study implementation	100	-	-	100	-	100	-	-	-	-	-	
Sub-Total Open Space Development			7,868	0	0	7,868	1,375	2,088	1,164	3,241	0	0	3,241	0
<u>Roads</u>														
<u>Asset Preservation</u>														
7	4031811016	Asset Preservation - Burkholme Neighbourhood	4,700	-	-	4,700	-	-	4,700	4,230	-	470	-	
7	4241809702	Area Rating - Thorner Neighbourhood (North Section)	1,000	-	-	1,000	-	1,000	-	-	-	-	-	
<u>Bridges & Structures</u>														
14	4031418425	Bridge 450 - Highway No. 5, 150m w/o Hunter Rd	1,600	-	-	1,600	-	-	1,600	1,440	-	160	-	
13	4031618090	Bridge 090 - McMurray St, 100m s/o of Hatt St	170	-	-	170	-	-	170	-	-	170	-	
13	4031818089	Bridge 089 - Creighton Rd, 30 m s/o Mill St	200	-	-	200	-	-	200	-	-	200	-	
14	4031818108	Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	130	-	-	130	-	-	130	-	-	130	-	
11	4031818150	Bridge 150 - Tapleytown Rd, 550m n/o Green Mountain	200	-	-	200	-	-	200	-	-	200	-	
11	4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	30	-	-	30	-	-	30	-	-	30	-	
11	4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd	30	-	-	30	-	-	30	-	-	30	-	
City Wide	4031818217	Bridge and Culvert Maintenance	2,000	-	-	2,000	-	-	2,000	-	-	2,000	-	
13	4031818296	Bridge 296 - Governors Rd, 45m e/o Ogilvie St	170	-	-	170	-	-	170	-	-	170	-	
2	4031818313	Bridge 313 - Arkledun Ave (Jolley Cut), over Claremont	350	-	-	350	-	-	350	315	-	35	-	
9	4031818366	Bridge 366 - Mud St W, 320m e/o Paramount Dr	100	-	-	100	-	-	100	-	-	100	-	
12	4031818372	Bridge 372 - Wilson St E, 1700m e/o Rousseaux St (south	30	-	-	30	-	-	30	-	-	30	-	
11	4031818404	Bridge 404 - Harrison Rd - 910m s/o Kirk Road	170	-	-	170	-	-	170	-	-	170	-	
9	4031818407	Bridge 407 - Queenston Rd, 320m e/o Lake Ave	130	-	-	130	-	-	130	-	-	130	-	

		Project Specific Revenues							Financing Sources			
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>	
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>		
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>		
					<u>Debt)</u>				<u>Dividends</u>			
11	4031818437	Bridge 437 - Miles Rd, 610m s/o Dickenson Rd E	130	-	-	130	-	-	-	130	-	
11	4031818441	Bridge 441 - Harrison Rd - 665m n/o Hall Rd	100	-	-	100	-	-	-	100	-	
11	4031818444	Bridge 444 - Guyatt Rd - 200m w.o. Hendershot Rd	130	-	-	130	-	-	-	130	-	
Computer Technology												
City Wide	4661820019	Traffic Controller Replacement Program	600	-	-	600	-	400	200	-	200	
Council Priority												
1	4031611601	Council Priority - Ward 1 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
2	4031611602	Council Priority - Ward 2 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
3	4031611603	Council Priority - Ward 3 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
4	4031611604	Council Priority - Ward 4 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
5	4031611605	Council Priority - Ward 5 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
6	4031611606	Council Priority - Ward 6 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
7	4031611607	Council Priority - Ward 7 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
8	4031611608	Council Priority - Ward 8 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
9	4031611609	Council Priority - Ward 9 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
10	4031611610	Council Priority - Ward 10 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
11	4031611611	Council Priority - Ward 11 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
12	4031611612	Council Priority - Ward 12 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
13	4031611613	Council Priority - Ward 13 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
14	4031611614	Council Priority - Ward 14 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
15	4031611615	Council Priority - Ward 15 Minor Rehabilitation	200	-	-	200	-	-	200	-	100	
10	4031819104	Hewitson - Dupont to Barton	300	-	-	300	-	300	-	-	-	
Council Priority - Rehabilitation												
10	4031811015	Barton - Gray to Green	1,080	-	-	1,080	-	460	620	558	62	
Development Engineering												
15	4031380360	Waterdown - Burlington Road Upgrades - DC Debt	5,380	-	-	5,380	5,380	-	-	-	-	
11	4031780790	Baseline - Access Road	500	-	-	500	500	-	-	-	-	
City Wide	4031880582	Development Road Urbanization	500	-	-	500	476	-	24	-	24	
8	4031880852	Southridge Court cul-de-sac (Chedoke Hospital Lands)	90	-	-	90	-	90	-	-	-	
12	4031880853	McClure - Garner Road to approximately 200m northerly	110	-	-	110	110	-	-	-	-	
11	4031880883	Dickenson Road Class EA (Upper James to Southcote)	440	-	-	440	380	-	60	-	60	
6, 9	4031880887	Multi-Area Employment Lands - Street A Extension to	320	-	-	320	-	-	320	-	320	
Replacement Program												
8	4031419101	Rymal W - Garth to West 5th	5,770	-	-	5,770	2,010	-	3,760	3,193	567	
2, 3	4031617642	Sherman Access Retaining Wall Replacement	3,000	-	-	3,000	-	-	3,000	2,700	300	
6	4031619101	Mohawk - Upper Ottawa to Upper Kenilworth	3,300	-	-	3,300	-	1,370	1,930	1,737	193	
City Wide	4031810006	Minor Construction Program	300	-	-	300	-	-	300	-	300	
City Wide	4031811225	Geotechnical Investigation Program	700	-	-	700	-	-	700	630	70	
City Wide	4031814405	Contaminated Soil & Rock Disposal Program	100	-	-	100	-	-	100	-	100	
13	4031819101	Baldwin / Court - West St. to Dundas St.	150	-	-	150	-	-	150	-	150	
8	4031819101	Columbia/Hudson/Leadale/Marcus/Stacey/Verona	2,680	-	-	2,680	-	1,060	1,620	1,458	162	
1	4031819101	Locke - Herkimer to Main	150	-	-	150	-	-	150	-	150	
7	4031819101	Mackenzie - East 27th to Upper Sherman (Burkholme	450	-	-	450	-	130	320	288	32	
8	4031819101	South Bend & Delmar (Buchanan Neighbourhood)	1,710	-	-	1,710	-	1,060	650	-	-	
City Wide	4031849555	QA-QC Service Contract Program	150	-	-	150	-	-	150	-	150	
2	4241709201	Area Rating - Ferguson Ave N - Simcoe to Burlington (W2	150	-	-	150	-	150	-	-	-	
7	4241809703	Area Rating - Viceroy - Callie to north end	200	-	-	200	-	200	-	-	-	
2	4411806202	Sheaffe / Cannon / Caroline / Railway / Mill / Harriet	1,380	-	-	1,380	-	-	510	870	783	

		Project Specific Revenues							Financing Sources			
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>	
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>		
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>		
					<u>Debt)</u>				<u>Dividends</u>			
Retaining Wall												
2, 7	4031817644	Claremont Access - Bin Wall Removal	170	-	-	170	-	-	-	-	-	
Road Operations & Maintenance												
7	3541841801	Rymal Yard Building Envelope Repairs	75	-	-	75	-	-	-	-	-	
City Wide	4031651620	Road Operations and Maintenance Fleet Replacement	500	-	-	500	-	-	-	-	-	
City Wide	4031810005	Major Road Maintenance Program	1,000	-	-	1,000	-	-	-	-	1,000	
City Wide	4031810012	Railway Roadway Crossings Rehabilitation Program	150	-	-	150	-	-	-	-	150	
City Wide	4031811224	Sidewalk Rehabilitation Program	700	-	-	700	-	-	-	-	700	
City Wide	4031817241	Fencing/Sound Barrier Rehabilitation/Replacement within	150	-	-	150	-	-	-	-	150	
City Wide	4031817677	Preventative Maintenance Program	2,790	-	-	2,790	-	-	1,350	1,440	1,296	
City Wide	4031821350	Fleet Additions - Roads O&M	300	-	-	300	193	-	-	107	-	
City Wide	4031841762	Yard Facility Maintenance and Improvement Program	100	-	-	100	-	-	-	-	100	
City Wide	4031851410	Roads - Small Equipment Replacement	50	-	-	50	-	-	50	-	-	
City Wide	4041757722	Road Operations - GPS/AVL Service	50	-	-	50	-	-	-	-	50	
City Wide	4041757723	HANSEN/INFOR Mobile Application	120	-	-	120	-	-	-	-	120	
City Wide	4041810004	Escarpment Slope & Appurtenance Stabilization Program	1,000	-	-	1,000	-	-	-	900	100	
City Wide	4041810417	Retaining Wall Rehabilitation Program	880	-	-	880	-	-	-	-	880	
City Wide	4041811351	Roads - Alleyway Rehabilitation	100	-	-	100	-	-	100	-	-	
City Wide	4041817384	Guide Rail Replacement Program	400	-	-	400	-	-	-	-	400	
Rural Rehabilitation Program												
14	4031811015	Brock Rd - Hwy 8 (Bullocks Corners) to Concession 4 W	3,000	-	-	3,000	-	-	-	-	-	
Street Lights												
City Wide	4041610018	Low-Wattage Street Lighting LED Replacement	3,000	1,000	-	2,000	-	-	2,000	1,800	200	
City Wide	4041810017	Street Lighting Capital Program	420	-	-	420	-	-	-	-	420	
Technical Studies & Reporting												
5	4031718126	Centennial Bridge over the QEW - multi-use path	170	-	-	170	-	-	-	-	170	
City Wide	4031818218	OSIM Bridge and Culvert Inspections	300	-	-	300	-	-	-	-	300	
City Wide	4031818219	Structural Investigations and Reports	400	-	-	400	-	-	-	-	400	
City Wide	4031855556	Mapping Update Program	40	-	-	40	-	-	-	-	40	
City Wide	4031855622	Active Transportation Benchmarking	30	-	-	30	-	-	-	-	30	
City Wide	4031855744	TMP Modelling & Monitoring	80	-	-	80	-	-	-	-	80	
Traffic												
City Wide	4031710715	Railway Crossings - Review and Upgrades	500	-	-	500	-	-	-	-	500	
2	4661620630	Two Way Road Conversion	340	-	-	340	-	-	-	-	340	
City Wide	4661720721	Pedestrian Crossovers	400	-	-	400	-	-	-	-	-	
City Wide	4661720722	Overhead Sign Structure	200	-	-	200	-	-	-	-	200	
City Wide	4661820001	ATMS – Advanced Traffic Management System	790	-	-	790	-	-	-	-	790	
City Wide	4661820720	Annual Plastic Pavement Marking Rehabilitation	200	-	-	200	-	-	-	-	-	
1, 2	4661820810	Queen - Aberdeen to Main Two-Way Conversion	1,100	-	-	1,100	-	-	-	-	-	
Traffic - APS												
City Wide	4661820531	APS - Accessible Pedestrian Signals	150	-	-	150	-	-	-	-	150	
Traffic - IPS												
6, 8	4661820525	IPS - Intersection Pedestrian Signal	600	-	-	600	-	-	-	-	600	
Traffic Signals												
2	4241809201	Area Rating - New Traffic Signal - John @ Forest	200	-	-	200	-	-	-	-	-	
2	4241809202	Area Rating - New Traffic Signal - Main & Ferguson	200	-	-	200	-	-	-	-	-	
7, 11, 15	4661820008	New Traffic Signal Installation Program	600	-	-	600	-	-	-	-	600	
City Wide	4661820010	Traffic Signal Modernization & Upgrades Program	870	-	-	870	-	-	-	-	870	

		Project Specific Revenues							Financing Sources					
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>			
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>				
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>				
					<u>Debt)</u>				<u>Dividends</u>					
City Wide	4661820017	Traffic Signal LED Lighting Upgrade Program	150	-	-	150	-	-	-	150	-			
City Wide	4661820522	Traffic Engineering - Signal Design	360	-	-	360	-	-	-	360	-			
City Wide	4661820540	Traffic Signal Modernization Coordinated with Construction	650	-	-	650	-	-	650	585	65			
12	4661820820	New Traffic Signal - Garner & Raymond	250	-	250	-	-	-	-	-	-			
10	4661820821	New Traffic Signal - Drakes @ North Service Rd	80	-	-	80	-	-	80	-	80			
11	4661820822	New Traffic Signal - Fifty @ North Service Rd	80	-	-	80	-	-	80	-	80			
11	4661820823	New Traffic Signal - Fruitland @ North Service Rd	80	-	-	80	-	-	80	-	80			
15	4661820828	New Traffic Signal - Dundas @ Riverwalk	250	-	-	250	237	-	13	-	13			
15	4661820829	New Traffic Signal - Dundas @ Spring Creek	250	-	-	250	237	-	13	-	13			
Traffic Study/Master Plan														
City Wide	4031755820	Transportation Demand Management & Smart Commute	260	100	-	160	-	-	160	-	160			
City Wide	4031815820	Traffic Counts Program	150	-	-	150	-	-	150	-	150			
6, 7, 8	4031855815	South Mountain Arterial Study (SMATS)	80	-	-	80	-	-	80	-	80			
City Wide	4031855940	Transportation Tomorrow Survey	40	-	-	40	-	-	40	-	40			
Transportation Systems														
City Wide	4661817124	On Street Bike Facilities	300	-	-	300	-	-	300	-	300			
City Wide	4661817125	On Street Bike Facilities in Co-ordination with Construction	450	-	-	450	-	-	450	405	45			
Urban Rehabilitation Program														
13	4031811015	Governor's - Creighton to Davidson	2,000	-	-	2,000	-	880	1,120	1,008	112			
4, 5, 6, 9	4031811015	RHVP Rehabilitation	6,750	-	-	6,750	250	-	6,500	5,850	650			
4	4241809402	Area Rating - Barnaby / Corbett / Quebec / Waterloo	1,360	-	-	1,360	1,360	-	-	-	-			
5	4241809501	Area Rating - Dumbarton - Rosedale to east end	300	-	-	300	300	-	-	-	-			
5	4241809502	Bow Valley Drive - Barton to Vittorito & Honeywell Court	670	-	-	670	670	-	-	-	-			
6	4241809601	Area Rating - Fennell - Upper Sherman to Upper Gage	800	-	-	800	800	-	-	-	-			
6	4241809604	Area Rating - Upper Gage Ave - Seventh to Concession	1,010	-	-	1,010	1,010	-	-	-	-			
7	4241809701	Area Rating - Mall Road - Limeridge Mall private road to	350	-	-	350	350	-	-	-	-			
Sub-Total Roads			82,675	1,100	250	81,325	9,523	9,300	7,300	55,202	29,176	1,500	21,026	3,500
Transit Services														
City Wide	5301784707	Rapid Ready & Ten Year Local Transit Strategy	500	-	-	500	-	-	500	-	500			
City Wide	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger	420	-	-	420	-	-	420	-	420			
City Wide	5301885803	Terminal and End of Line Rehabilitation	75	-	-	75	-	-	75	-	75			
City Wide	5301885804	Bus Stop Shelter Rehabilitation	125	-	-	125	-	-	125	-	125			
City Wide	5301883002	Fund Transit Reserve Shortfall- Re Cancellation of Ontario	3,700	-	-	3,700	-	-	3,700	3,000	700			
City Wide	5301883100	HSR Bus Replacement Program	14,485	-	-	14,485	14,485	-	-	-	-			
City Wide	5301883503	Nonrevenue Vehicle Replace Program	103	-	-	103	103	-	-	-	-			
Sub-Total Transit Services			19,408	0	0	19,408	0	14,588	0	4,820	3,000	0	1,820	0

		Project Specific Revenues						Financing Sources					
		<u>Gross</u>	<u>Other</u>	<u>Net</u>	<u>Dev</u>	<u>Other</u>	<u>Funding</u>	<u>Federal</u>	<u>Other:</u>	<u>From</u>	<u>Debt</u>		
		<u>Costs</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>			
		<u>Subsidies</u>	<u>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>			
					<u>Debt)</u>				<u>Dividends</u>				
<u>Waste Management</u>													
City Wide	5121655610		2020 Waste System Planning	175	-	-	175	-	-	175	-		
City Wide	5121891000		Glanbrook Landfill Capital Improvement Program	330	-	-	330	-	-	330	-		
City Wide	5121892000		Closed Landfill Maintenance & Capital Improvement	456	-	-	456	-	-	456	-		
City Wide	5121849800		CCF Air Handling Upgrades	1,700	-	-	1,700	-	-	67	1,633		
City Wide	5121855137		Waste Management R & D Program	230	-	-	230	-	-	230	-		
City Wide	5121895525		SWMMP Approvals	150	-	-	150	-	-	150	-		
City Wide	5121893000		Maintenance & Capital Improvements to the Resource	190	-	-	190	-	-	190	-		
City Wide	5121894000		Transfer Station/CRC Maintenance & Capital	205	-	-	205	-	-	205	-		
City Wide	5121890200		Diversion Container Replacement Program	870	-	-	870	-	-	870	-		
City Wide	5121890700		Public Space & Special Event Containers	250	-	-	250	-	-	250	-		
Sub-Total Waste Management		4,556	0	0	4,556	0	0	0	4,556	0	2,923	1,633	
<u>West Harbour & Waterfront Strategic Initiatives</u>													
City Wide	4411806105		Police Marine Facility Replacement	300	-	-	300	-	-	300	-		
2	5121692001		Central Park Remediation	800	-	-	800	-	-	800	-		
2	4411506106		Marina Services & Gas Dock	345	-	-	345	-	-	345	-		
2	4411506107		Pier 5-7 Marina Shoreline Rehab	2,105	-	-	2,105	-	820	1,285	-		
2	4411606002		Real Estate Disposition Process	250	-	-	250	-	-	250	-		
2	4411606102		Pier 5-7 Boardwalk	625	-	-	625	-	-	625	-		
2	4411606104		Pier 7 Commercial Village	800	-	-	800	-	-	800	-		
2	4411606105		Pier 8 Shorewall	5,000	-	-	5,000	-	-	5,000	-		
2	4411606106		Pier 8 Promenade	7,150	-	-	7,150	-	-	1,150	6,000		
2	4411606111		Bayfront Park Beach Rehab	300	-	-	300	-	-	300	-		
2	4411606201		Bar-Tiff Site Remediation	500	-	-	500	-	-	500	-		
2	4411706101		Pier 6-8 Servicing Construction	4,500	-	-	4,500	-	-	4,500	-		
2	4411706102		Pier 8 Park	1,200	-	-	1,200	-	-	1,200	-		
2	4411706201		Barton-Tiffany Real Estate Solicitation Plan	100	-	-	100	-	-	100	-		
2	4411806102		Macassa Bay Shoreline Improvements	150	-	-	150	-	-	150	-		
2	4411806103		Macassa Bay Boardwalk and Trail	150	-	-	150	-	-	150	-		
2	4411806104		West Harbour Public Art	450	-	-	450	-	-	450	-		
2	4411806106		James Street CSO Tank overflow pipe	375	-	-	375	-	-	375	-		
2	4411806202		Central Neighbourhood Reconstruction (Central Park)	690	-	-	690	-	-	-	-		
Sub-Total West Harbour & Waterfront Strategic Initiatives		25,790	0	0	25,790	0	0	1,510	24,280	0	18,280	6,000	
Total Public Works Tax		187,354	7,344	5,350	174,660	13,711	36,337	16,999	107,613	32,176	3,750	60,554	11,133
GRAND TOTAL		236,221	7,344	6,600	222,277	19,601	49,992	17,831	134,853	32,176	22,250	68,034	12,393

DC Debt Total	8,054
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**Discretionary Tax Supported Net Capital Funding
2018 - 2027 Forecast**

Assumptions:

0.5% (\$4.1 M) + Debt Levy Increase for Capital 2018 - 2027

5.0% Cost of Borrowing on External Debt for 15 Year Term

Sources of Funding (Net) (\$000's)	2017 Approved	2018 Proposed	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	Totals 2018-2027
Sustainable												
Contribution from Operating	50,864	68,034	63,229	68,290	71,609	77,312	84,872	89,414	90,298	94,358	98,477	805,893
Hydro Dividends	3,000	5,500	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	23,500
Hydro Dividends - Poverty reduction		3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	30,000
Future Fund - Poverly Reduction		8,000	4,000	4,000	4,000							20,000
Federal Gas Tax	31,616	32,176	33,122	33,122	33,122	33,122	33,122	33,122	33,122	33,122	33,122	330,274
Previous Yrs. Capital Financing Surplus	2,000	4,000	5,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	25,000
Sub-total	87,480	120,710	110,351	112,412	115,731	117,434	124,994	129,536	130,420	134,480	138,599	1,234,667
Non-Sustainable												
Unallocated Capital Reserve	950	-	-	-	-	-	-	-	-	-	-	-
HRPI Dividend	250	-	-	-	-	-	-	-	-	-	-	-
WIP Funding Interest	500	250	-	-	-	-	-	-	-	-	-	250
Sale of Assets	6,600											-
Roads WIP / Tender Surplus Funding	1,590	1,500										1,500
Sub-total	9,890	1,750	-	-	-	-	-	-	-	-	-	1,750
External Debt	63,356	12,393	26,459	27,067	23,137	5,375	9,590	7,130	47,694	26,160	18,950	203,955
Total Funding (Net)	160,726	134,853	136,810	139,478	138,868	122,809	134,584	136,666	178,114	160,640	157,549	1,440,371
Net Capital Funding (\$000's)	2017 Approved	2018 Proposed	2019 Forecast	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	Totals 2018-2027
Roads / Bridges / Sidewalk / Street												
Lighting / Traffic	55,019	55,202	56,202	58,450	58,450	60,788	63,220	65,748	68,378	71,113	73,958	631,510
Corporate Facilities	4,450	4,507	4,583	4,583	18,635	4,583	4,583	4,583	4,583	4,583	4,583	59,806
Recreation Facilities	8,620	4,624	4,580	4,580	4,580	4,580	4,580	4,580	4,580	4,580	4,580	45,844
Entertainment Facilities	800	1,300	800	800	800	800	800	800	800	800	800	8,500
Park Development (New/Expansion)	3,018	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	32,410
Park's Operations	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	11,380
Forestry & Horticulture	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	13,450
Waste Management	7,862	4,556	3,468	13,937	22,298	24,085	2,879	3,694	3,180	100,539	102,115	280,751
Downtowns & Commercial Districts	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	22,100
Cultural Facilities	1,852	1,702	1,702	1,702	1,702	1,702	1,702	1,702	1,702	1,702	1,702	17,020
Long Term Care Facilities	500	500	500	500	500	500	500	500	500	500	500	5,000
Housing Services	500	11,000	7,500	7,500	7,500	3,500	3,500	3,500	3,500	3,500	3,500	54,500
Block Funding Total	87,314	91,325	87,269	99,986	122,399	108,472	89,698	93,041	95,157	195,251	199,672	1,182,271
Major Capital Initiatives												
West Harbour Development	27,235	24,280	10,160	4,520	11,010	7,470	-	-	-	-	-	57,440
Ash Borer	2,600	2,600	2,600	2,600	2,600	2,600	-	-	-	-	-	13,000
Randle Reef	300	375	375	375	375	-	-	-	-	-	-	1,500
Fire / Paramedic Services	650	580	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,580
Community Services - Other	167	-	90	90	90	90	90	90	90	90	90	810
Public Health	92	-	70	70	70	70	70	70	70	70	70	630
Corporate Services	-	115	90	90	90	90	90	90	90	90	90	925
City Manager/Human Resources	1,040	368	-	-	-	-	-	-	-	-	-	368
Information Technology	500	500	500	500	500	500	500	500	500	500	500	5,000
Planning / Development	1,053	130	130	130	130	130	130	130	130	130	130	1,300
Economic Development Initiatives	-	-	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	17,000
Parkland Acquisition	-	-	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	13,500
Transit	33,027	4,820	30,159	30,767	12,785	9,075	13,290	10,830	26,394	29,860	22,650	190,630
DC exemptions	3,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	59,000
Boards & Agencies												
CityHousing Hamilton	500	500	500	500	500	500	500	500	500	500	500	5,000
Hamilton Conservation Authority	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	20,000
Library	1,136	2,260	-	-	-	-	-	-	-	-	-	2,260
Police Services	-	-	-	-	-	-	-	-	25,000	-	-	25,000
Subtotal - Boards & Agencies	3,636	4,760	2,500	2,500	2,500	2,500	2,500	2,500	27,500	2,500	2,500	52,260
Unallocated - Surplus(Shortfall)	112	0	(6,633)	(12,649)	(24,181)	(18,688)	17,717	18,915	17,682	(78,352)	(78,653)	(164,842)
Total Expenditures (Net)	160,726	134,853	136,810	139,478	138,868	122,809	134,584	136,666	178,114	160,640	157,549	1,440,371

2018 Tax Supported Capital Budget
Operating Budget Impacts & FTE Impacts for Projects
Included in the 2018 Tax Capital Financing Plan

Planning & Economic Development

Urban Renewal

8201703706 Community Downtowns and BIAs

Total Planning & Economic Development

Outside Boards & Agencies

Police Services

3761851802 Ice Rescue Equipment

Total Outside Boards & Agencies

Corporate Services

Information Technology (IT)

3501857801 IT Strategy and Enterprise Architecture

Total Corporate Services

City Manager

3381858503 Performance Excellence - Dashboard, Open Data
 Infrastructure (Hub and Data Portal)-Cash Flow

3381858502 Enhancing City of Hamilton App for citizen services

2051759701 HR Self Service Enhancements Phase 1 and Phase 2

Total City Manager

Public Works Tax Funded

Corporate Facilities

3541641602 Ancaster Memorial Arts & Culture Centre

3541849003 Backflow Prevention for Various Facilities

Sub-Total Corporate Facilities

Recreation Facilities

7101754701 Glanbrook Arena Elevator

7101758002 Alexander Park Spraypad

7101558501 Parkdale Outdoor Pool Redevelopment

7101841800 Parks North Yard at Bayfront Park

7101854807 Dundas Valley Community Park Improvement & Pavillion
 Feasibility

Sub-Total Recreation Facilities

Entertainment Facilities

3721851801 First Ontario Centre Vertical Transportation

Total Entertainment Facilities

Forestry & Horticulture

4451451004 Gage Park Tropical House

4451853444 Tree Planting Program

Sub-Total Forestry & Horticulture

Operating Impact anticipated with 2018 Approval of Capital Project		Anticipated Year Operating Impact will be realized (based on one year following final year of construction, actual timing may vary)					
		2018		2019		2020	
FTE (#)	\$ (000's)	FTE (#)	\$ (000's)	FTE (#)	\$ (000's)	FTE (#)	\$ (000's)
-	11.00			-	11.00		
-	11.00						
-	9.50			-	9.50		
-	9.50						
1.00	125.00			1.00	125.00		
1.00	125.00						
1.00	125.00			1.00	125.00		
-	5.00			-	5.00		
-	12.00			-	12.00		
1.00	142.00						
-	157.00			-	157.00		
-	150.00			-	150.00		
-	307.00						
-	45.00			-	45.00		
-	7.50			-	7.50		
-	30.00					-	30.00
-	30.00			-	30.00		
-	6.00			-	6.00		
-	118.50						
-	45.00			-	45.00		
-	45.00						
1.67	162.30	0.67	65	1.00	97.30		
-	67.40			-	67.40		
1.67	229.70						

2018 Tax Supported Capital Budget
Operating Budget Impacts & FTE Impacts for Projects
Included in the 2018 Tax Capital Financing Plan

	Operating Impact anticipated with 2018 Approval of Capital Project		Anticipated Year Operating Impact will be realized (based on one year following final year of construction, actual timing may vary)					
	FTE (#)	\$ (000's)	2018		2019		2020	
			FTE (#)	\$ (000's)	FTE (#)	\$ (000's)	FTE (#)	\$ (000's)
O & M - Parks & Cemeteries								
4401849007 Cemetery Columbarium	-	2.00			-	2.00		
4401849008 Extreme Park Makeover Program	-	2.00			-	2.00		
4401849802 Heritage Green Maintenance Building Site Works	-	15.00			-	15.00		
Sub-Total O & M - Parks & Cemeteries	-	19.00						
Open Space Development								
4241409341 W4 Pipeline Trail	-	13.00			-	13.00		
4401456009 Mount Hope Park Development	.33	46.00					.33	46.00
4401556503 Heritage Green Community Sports Park Implementation	-	15.00			-	15.00		
4401556504 Trails Master Plan Programming	-	12.00			-	12.00		
4401756824 William Connell Community Park	.34	37.00			.34	37.00		
4401856300 Parkside Hills	.33	18.09			.33	18.09		
4401856802 Beach Park Development Program	-	2.00			-	2.00		
4401856803 RHV Trails Master Plan - The Nest	-	10.00			-	10.00		
4401856807 Glanbrook Hills Phase 2	-	1.50			-	1.50		
4401856815 Caterini Park (Binbrook)	-	16.00			-	16.00		
4401856910 John St. N. & Rebecca St. Park - Land Acquisition	-	2.00			-	2.00		
Sub-Total Open Space Development	1.00	172.59						
Roads, Bridges, Sidewalks, Traffic								
4031419101 Rymal W - Garth to West 5th - Rymal W - Garth to West 5th	.30	60.00			.30	60.00		
4031811015 Creighton to Davidson - Governor's - Creighton to Davidson	.10	10.00			.10	10.00		
4031880887 Multi-Area Employment Lands - Street A Extension to Pritchard (new road)	.10	14.00			.10	14.00		
4041610018 Low-Wattage Street Lighting LED Replacement	-	(750.00)			-	(750.00)		
4041757723 HANSEN/INFOR Mobile Application	-	22.00			-	22.00		
4241809201 Area Rating - New Traffic Signal - John @ Forest	.10	18.00			.10	18.00		
4241809202 Area Rating - New Traffic Signal - Main & Ferguson	.10	18.00			.10	18.00		
4241809601 Area Rating - Fennell - Upper Sherman to Upper Gage	-	12.20			-	12.20		
4661720721 Pedestrian Crossovers	-	45.00			-	45.00		
4661817124 On Street Bike Facilities	.50	52.00			.50	52.00		
4661817125 On Street Bike Facilities in Co-ordination with Construction	.50	52.00			.50	52.00		
4661820001 ATMS – Advanced Traffic Management System	2.00	310.00			2.00	310.00		
4661820008 New Traffic Signal Installation Program	.40	93.00			.40	93.00		
4661820525 IPS - Intersection Pedestrian Signal	.40	54.00			.40	54.00		
4661820820 New Traffic Signal - Garner & Raymond	.10	18.00			.10	18.00		
Sub-Total Roads, Bridges, Sidewalks, Traffic	4.60	28.20						
Transit Services								
5301785702 Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	-	12.00			-	12.00		
Sub-Total Transit Services	-	12.00						
Waste Management								
5121849800 CCF Air Handling Upgrades	-	150.00			-	150.00		
Sub-Total Waste Management	-	150.00						

2018 Tax Supported Capital Budget
 Operating Budget Impacts & FTE Impacts for Projects
 Included in the 2018 Tax Capital Financing Plan

West Harbour & Waterfront Strategic Initiatives

- 4411506107 Pier 5-7 Marina Shoreline Rehab
- 4411606102 Pier 5-7 Boardwalk
- 4411606104 Pier 7 Commercial Village
- 4411606105 Pier 8 Shorewall
- 4411606106 Pier 8 Promenade
- 4411706102 Pier 8 Park
- 4411806201 Central Park Redevelopment

Sub-Total West Harbour & Waterfront Strategic Initiatives

Total Public Works Tax Funded

GRAND TOTAL

Total 2018 Impacts

Total 2019-2020 Impacts

Operating Impact anticipated with 2018 Approval of Capital Project		Anticipated Year Operating Impact will be realized (based on one year following final year of construction, actual timing may vary)					
		2018		2019		2020	
FTE (#)	\$ (000's)	FTE (#)	\$ (000's)	FTE (#)	\$ (000's)	FTE (#)	\$ (000's)
-	20.00	-	20.00	-	20.00	-	20.00
.33	72.01	.33	72.01	.33	72.01	.33	72.01
1.26	139.20	1.26	139.20	1.26	139.20	1.26	139.20
-	20.00	-	20.00	-	20.00	-	20.00
4.32	439.03	4.32	439.03	4.32	439.03	4.32	439.03
.60	161.26	.60	161.26	.60	161.26	.60	161.26
.66	51.00	.66	51.00	.66	51.00	.66	51.00
7.17	902.50						
14.44	1,984.49						
16.44	2,271.99	.67	65.00	15.44	2,130.99	.33	76.00
.67	65.00						
15.77	2,206.99						

**2018 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2018
Funding**

RESERVE FUNDING

VEHICLE & EQUIPMENT REPLACEMENT RESERVES

100031	Fire Equip And Protective Gear	
7401851600	Annual Fire Equipment Replacement	617
100033	Paramedic Services-Equipment Reserves	
7641851101	Annual Paramedic Service Equipment Replacement	1,019
100034	Small Equipment Environmental Services	
4401851700	Small Equipment Replacement (Reserve) Program - O&M	75
108023	Information Technology Capital Reserve	
3501857801	IT Strategy and Enterprise Architecture	340
110005	Hamilton Beach Rescue	
2861851700	HBRU Renovations & Equipment Purchases	42
110020	Vehicle Replacement Police	
3761851801	Marine Vessel (Hike)	800
110021	Vehicle Replacement Fire	
7401851601	Annual Fire Vehicle Replacement	5,025
110022	Vehicle Replacement Paramedics	
7641851100	Annual Paramedic Service Vehicle Replacement	991
110025	Vehicle Replace Central Garage	
4941851004	Street Sweeper Purchase	720
4941851001	Shop Equipment Replacement	162
4941851100	Fleet Vehicle&Equipment Replace Program	6,857
		<u>7,739</u>
110030	Vehicle Replacement Transit	
5301883100	HSR Bus Replacement Program	14,485
5301883503	Nonrevenue Vehicle Replace Program	103
		<u>14,588</u>
110040	Equipment Replace-Operations	
4031851410	Roads - Small Equipment Replacement	50
	Total Vehicle & Equipment Reserves	<u>31,286</u>

CAPITAL RESERVE TAX SUPPORTED

Capital Reserves

108020	Unallocated Capital	
7101841213	Flamborough Seniors Recreation Centre Barrier -Free Washroom	220
		<u>220</u>

**2018 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

		2018 Funding
<u>CAPITAL RESERVE TAX SUPPORTED continued</u>		
108024	Investing in Ontario Subsidy Reserve	
2051857111	Corporate KRONOS	96
3721851801	First Ontario Centre Vertical Transportation	537
		<u>633</u>
<i>Councillors' Infrastructure Program</i>		
108051	Ward 1-Capital Infrastructure	
3301809100	Ward 1 Capital Reinvestment	100
108052	Ward 2-Capital Infrastructure	
3301809200	Ward 2 Capital Reinvestment	100
4241709201	Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	150
4241809201	Area Rating - New Traffic Signal - John @ Forest	200
4241809202	Area Rating - New Traffic Signal - Main & Ferguson	200
7101854810	Durand Washroom Facility	50
		<u>700</u>
108053	Ward 3-Capital Infrastructure	
3301809300	Ward 3 Capital Reinvestment	100
108054	Ward 4-Capital Infrastructure	
3301809400	Ward 4 Capital Reinvestment	100
4241809402	Area Rating - Barnaby / Corbett / Quebec / Waterloo	1,360
4241809401	AM Cunningham Park redevelopment	338
		<u>1,798</u>
108055	Ward 5-Capital Infrastructure	
3301809500	Ward 5 Capital Reinvestment	100
4241609505	Food Centre Pilot Project - Board of Health 15-007	70
4241809501	Area Rating - Dumbarton - Rosedale to east end	300
4241809502	Bow Valley Drive - Barton to Vittorito & Honeywell Court	670
		<u>1,140</u>
108056	Ward 6-Capital Infrastructure	
3301809600	Ward 6 Capital Reinvestment	100
4241809601	Area Rating - Fennell - Upper Sherman to Upper Gage	800
4241809604	Area Rating - Upper Gage Ave - Seventh to Concession (W6 A/R)	1,010
		<u>1,910</u>
108057	Ward 7-Capital Infrastructure	
3301809700	Ward 7 Capital Reinvestment	100
4241809701	Area Rating - Mall Road - Limeridge Mall private road to Mohawk	300
4241809702	Area Rating - Thorner Neighbourhood (North Section)	1,000
4241809703	Area Rating - Viceroy - Callie to north end	200
		<u>1,600</u>
108058	Ward 8-Capital Infrastructure	
3301809800	Ward 8 Capital Reinvestment	100
4031819101	South Bend & Delmar (Buchanan Neighbourhood)	1,060
		<u>1,160</u>
<i>Former Municipalities Capital Reserves</i>		
108030	Capital Projects- Ancaster	
3541641602	Ancaster Memorial Arts & Culture Centre	300
117036	Compensation Royalties (Terrapure Landfill)	
4401858800	Skatepark Facility - Recreation study implementation	100
<i>Total Capital Reserves</i>		<u>9,761</u>

**2018 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2018
Funding**

PROGRAM SPECIFIC RESERVES

COMMUNITY SERVICES

110042 Lodges' Infrastructure Reserve

6301741702	Wentworth Lodge - Exterior Walls - Batten Repair	470
6301841001	ML - Roof Replacement	70
6301841801	WL - 1989 Wing Roof Replacement	70
6301851001	ML - Replacement of 3 Chillers	166
6301851002	ML & WL - Annual Resident Care Equipment Replacement	110
6301851003	WL - Bed Replacement	34
		<hr/>
		920
		<hr/>

PLANNING & DEVELOPMENT

Planning/Parking/Real Estate/Other

112221 Economic Development Investment Fund

7201858801	City of Hamilton Music Strategy	50
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108021 Parking Capital Reserve

4901751700	Parking Payment Equipment	400
4901841800	Fence Replacement - Municipal Carparks	100
4901841801	Elevator Replacement-York Parkade	400
4901841802	Summers Lane Reconstruction	500
		<hr/>
		1,400
		<hr/>

LIBRARY

106007 Library General Development

7501741601	Valley Park Library Expansion	210
7501741610	New Library - Greensville	200

106008 Library Major Capital Projects

7501741601	Valley Park Library Expansion	200
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Total Library

610

POLICE

110065 Police Capital Expenditures

3761857801	Police Hardware Acquisition - Server/Storage	400
3761857802	Police Video Infrastructure	150
3761857804	Police Radio Room Recording Upgrade	200

Total Police

750

**2018 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2018
Funding**

PROGRAM SPECIFIC RESERVES continued

PUBLIC WORKS

108037	Hamilton Beach Park Reserve	
3541855701	Confederation Beach Park Facility Assessment	150
4401856802	Beach Park Development Program	100
		<u>250</u>
112202	Leash Free Park Reserve	
4401856001	Leashfree Dog Park Program	80
104105	Cemetery Bldg. Fund - Niches	
4401849007	Cemetery Columbarium	50
108046	RCMP Lease-Capital Replacement	
3541841910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210

PUBLIC WORKS continued

112203	Red Light Camera Project	
4031811015	RHVP Rehabilitation	250
4241809701	Area Rating - Mall Road - Limeridge Mall private road to Mohawk	50
4661720721	Pedestrian Crossovers	400
4661820720	Annual Plastic Pavement Marking Rehabilitation	200
4661820810	Queen - Aberdeen to Main Two-Way Conversion	1,100
		<u>2,000</u>
100025	Hamilton Entertainment Facility Reserve	
3721851801	First Ontario Centre Vertical Transportation	950
	Total Public Works	<u>3,540</u>
	Total Program Specific Reserves	<u>7,270</u>

OBLIGATORY RESERVES

Planning & Development

104050	Bldg. Permit Rev Stabilization	
3521858100	Digitization of Microfiche Records	125
	Parkland Dedication	
104090	Parkland Dedication Reserve	
4401856910	John St. N. & Rebecca St. Park - Land Acquisition	1,550
	Total Obligatory Reserves	<u>1,675</u>

Total 2018 Capital Funding From Reserves	<u>49,992</u>
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2018 Tax Supported Capital Budget
WIP Funding (\$000's)

Year	From Project	To Project	(\$000's)	WIP Debt	
Corporate Services					
2014	7901448401	Combined Heat Power Macassa	2051857111	Corporate KRONOS	36
2001	2110155011	HR Transition Projects	3381858502	Enhancing City of Hamilton App for citizen services	40
2001	2110155011	HR Transition Projects	3381858503	Performance Excellence - Dashboard, Open Data Infrastructure	145
2001	2050101100	Corp Serv Capital Interest	3381858503	Performance Excellence - Dashboard, Open Data Infrastructure	7
2015	8201555100	Open for Business - City	3381858503	Performance Excellence - Dashboard, Open Data Infrastructure	16
2014	7901448401	Combined Heat Power Macassa	3381858503	Performance Excellence - Dashboard, Open Data Infrastructure	74
					<u>318</u>
Community and Emergency Services					
2015	4031517522	Shaver Road Yard Drainage Rehabilitation	6731641601	Hamilton's Community Bed Bug Strategy	9
2014	4041457411	Video Detection & It System	6731641601	Hamilton's Community Bed Bug Strategy	103
2015	4041520525	IPS - Intersection Ped	6731641601	Hamilton's Community Bed Bug Strategy	104
2015	4041520540	Traffic Signal Mod with Roads	6731641601	Hamilton's Community Bed Bug Strategy	104
					<u>320</u>
Corporate Facilities					
2014	3541455001	Yard Capital Renewal Program	3541841801	Rymal Yard Building Envelope Repairs	98
2016	3541655001	Yard Capital Renewal Program	3541841801	Rymal Yard Building Envelope Repairs	52
					<u>150</u>
Entertainment Facilities					
2015	4411506103	Pier 8 pumping Station- DEBT	3721851803	Hamilton Convention Centre Exterior Restoration	2,000
2014	7901448401	Combined Heat Power Macassa	3721851801	First Ontario Centre Vertical Transportation	250
2015	4411506103	Pier 8 pumping Station- DEBT	3721851801	First Ontario Centre Vertical Transportation	200
2003	5120392305	Erosion Leachate - Rennie Brampton- DEBT	3721851801	First Ontario Centre Vertical Transportation	913
2014	7101454704	HPRC Independence from School	3721851801	First Ontario Centre Vertical Transportation	250
2016	4031611223	Semi Barrier Rehabilitation Program - 2016	3721851801	First Ontario Centre Vertical Transportation	25
2017	5121790100	CCF Rolling Stock Replacement	3721851801	First Ontario Centre Vertical Transportation	80
2015	4041515019	Traffic Controller Replacement	3721851801	First Ontario Centre Vertical Transportation	75
2016	4031610012	Railway Roadway Crossings Rehab Program - 2016	3721851801	First Ontario Centre Vertical Transportation	100
2017	5121793000	Resource Recovery Centre	3721851801	First Ontario Centre Vertical Transportation	50
2017	5121792000	Closed Landfill Maint&Cap Imp	3721851801	First Ontario Centre Vertical Transportation	70
					<u>4,013</u>
Roads					
2013	4031319101	Road Reconstruction	4031619101	Mohawk - Upper Ottawa to Upper Kenilworth	220
2016	4031611610	CP Minor Maintenance Ward 10	4031811015	Barton - Gray to Green	460
2013	4031314405	Contam Soil and Rock Removal	4031880852	Southridge Court cul-de-sac (Chedoke Hospital Lands)	90
2015	4041511351	Roads - Alleyway Rehab	4041811351	Roads - Alleyway Rehabilitation	100
2015	4041515019	Annual Traffic Control Rep 15	4661820019	Traffic Controller Replacement Program	400
2017	4031711777	Preventative Maintenance Program	4031817677	Preventative Maintenance Program	1,350
2016	4031611610	Council Priority - Ward 10 Minor Rehabilitation	4031819104	Hewitson - Dupont to Barton	300
					<u>2,920</u>
Open Space Development					
2012	4401256892	Crown Point East Park Development	4241409341	W4 Pipeline Trail	100
2012	4401256201	Fairgrounds Community Park	4401456009	Mount Hope Park Development	93
2010	4241003015	John Rebecca Land Purchase	4401856615	John St. N. & Rebecca St. Park - Master Plan	360
2013	4401356107	Cherry Beach Lakefront Park & Acquisition	4411806201	Central Park Redevelopment	500
2011	4401156916	Freelton Park Development	4411806201	Central Park Redevelopment	111
					<u>1,164</u>
West Harbour & Waterfront Strategic Initiatives					
2012	5181206222	Floating Breakwater project - DEBT Transfer	4411506107	Pier 5-7 Marina Shoreline Rehab	820
2016	5141661300	Central Park (Water)	4411806202	Central Neighbourhood Reconstruction (Central Park)	190
2017	5141771301	Sheaffe/Cannon/Caroline/Railway/Mill/Harriet (Central Park)	4411806202	Central Neighbourhood Reconstruction (Central Park)	100
2017	5161772720	Central Park (Wastewater)	4411806202	Central Neighbourhood Reconstruction (Central Park)	120
2016	5181672290	Central Park (Storm)	4411806202	Central Neighbourhood Reconstruction (Central Park)	280
					<u>1,510</u>
Long Term Care Homes					
2016	6301651603	Macassa and Wentworth Lodge - Lighting	6301851003	WL - Bed Replacement	186
Recreation Facilities					
2017	7101754105	Parks & Fieldhouse retrofits	7101758002	Alexander Park Spraypad	70
2017	3541741532	Program - Facility Capital Maintenance	7101758002	Alexander Park Spraypad	80
2013	4401356800	Bayfront Park Work Yard	7101841800	Parks North Yard at Bayfront Park	1,514
2015	4411506103	Pier 8 pumping Station- DEBT	7101841800	Parks North Yard at Bayfront Park	801
2014	7101454704	Hill Park Recreation Centre	7101854811	Hill Park Recreation Centre - Renovation	427
					<u>2,892</u>
					<u>13,473</u>
Total 2018 Requested WIP Funding					
* Total WIP debt \$4,734					

Roads Tender Surplus (Part of Sources of Funding in Appendix "B" to Report FCS17099)

2015	4041511351	Roads - Alleyway Rehabilitation	4031611601	Council Priority - Ward 1 Minor Rehabilitation	100
2015	4041511351	Roads - Alleyway Rehabilitation	4031611602	Council Priority - Ward 2 Minor Rehabilitation	100
2015	4041511351	Roads - Alleyway Rehabilitation	4031611603	Council Priority - Ward 3 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611604	Council Priority - Ward 4 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611605	Council Priority - Ward 5 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611606	Council Priority - Ward 6 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611607	Council Priority - Ward 7 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611608	Council Priority - Ward 8 Minor Rehabilitation	100
2015	4041510017	Street Lighting Capital Program	4031611609	Council Priority - Ward 9 Minor Rehabilitation	100
2014	4041420017	Traffic Signal LED Upgrades	4031611610	Council Priority - Ward 10 Minor Rehabilitation	100
2017	4031707750	Industrial Zone Air Quality Initiative	4031611611	Council Priority - Ward 11 Minor Rehabilitation	100
2017	4031707750	Industrial Zone Air Quality Initiative	4031611612	Council Priority - Ward 12 Minor Rehabilitation	100
2017	4031707750	Industrial Zone Air Quality Initiative	4031611613	Council Priority - Ward 13 Minor Rehabilitation	100
2017	4031707750	Industrial Zone Air Quality Initiative	4031611614	Council Priority - Ward 14 Minor Rehabilitation	100
2017	4031707750	Industrial Zone Air Quality Initiative	4031611615	Council Priority - Ward 15 Minor Rehabilitation	100
					<u>1,500</u>

City of Hamilton: Financial Indicators

City of Hamilton Debt Policy: Financial Measures, Goals, and Statutory Limits.

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017 E</u>
<u>Affordability:</u>						
Debt Per Capita	\$781.91	\$701.65	\$803.33	\$710.04	\$850.86	\$721.23
Debt Per Capita Year Over Year (% Change)	17.2%	-10.3%	14.5%	-11.6%	19.8%	-15.2%
Debt Per Household	\$1,947.82	\$1,740.53	\$1,984.55	\$1,747.00	\$2,085.23	\$1,761.61
Debt Per Household Year Over Year (% Change)	16.7%	-10.6%	14.0%	-12.0%	19.4%	-15.5%
Debt Service Charges Per Capita	\$110.75	\$113.10	\$97.50	\$112.08	\$109.93	\$142.60
Debt Service Charges Per Capita Year Over Year (% Change)	-23.6%	2.1%	-13.8%	15.0%	-1.9%	29.7%
<u>Sustainability:</u>						
Debt Service Charges(Net) As A % of City Own Source Revenue	5.2%	5.2%	4.4%	4.8%	4.7%	6.0%
Debt Service Charges(Net) As A % of the Municipal Levy	8.3%	8.3%	7.0%	7.7%	7.4%	9.5%
Debt to City Own-Source Revenue	36.5%	32.2%	36.0%	30.4%	36.0%	30.2%
Debt to Operating Revenue (Standard & Poor's)	32.0%	27.9%	31.0%	26.0%	31.0%	25.8%
Debt to Total Reserves and Reserve Funds	0.51	0.44	0.50	0.42	0.52	0.51
Cash & Liquid Assets to Debt Service Charges(Net)	1145%	1154%	1461%	1218%	1260%	1010%
Cash & Liquid Assets minus Debt	\$260,547,571	\$326,326,278	\$338,993,554	\$360,669,660	\$296,718,651	\$405,193,837
<u>Goals:</u>						
Tax & Rate Supported Debt as a % of City Own-Source Revenue <i>Maximum (60%)</i>	21.5%	18.7%	24.0%	20.1%	26.7%	23.0%
DC Supported Debt as a % of Total DC Eligible Costs <i>Maximum (25%)</i>	2.3%	2.1%	2.9%	2.6%	2.3%	2.0%
<u>Statutory Limits:</u>						
Debt Service Charges As A % of City Own-Source Revenue (ARL) <i>Limit (25%)</i>	5.2%	5.2%	4.4%	4.8%	4.7%	6.0%
Total Variable Rate Debt as a % of Outstanding Total Debt <i>Limit (15%)</i>	12.6%	12.5%	9.5%	9.3%	6.5%	6.2%

**2018 Rate Supported Budget
Debt Requirements**

2018 Rate Supported Debt

5141760754	Kenilworth Transmission Watermain Renewal	2,000
5141571301	Rymal W - Garth to West 5th	1,755
5141871301	Columbia / Hudson / Leadale / Marcus / Stacey / Verona	1,160
5141871301	Mohawk - Upper Ottawa to Upper Kenilworth	1,305
5141166110	Water Treatment Plant - Process Upgrades (CASH FLOWED)	5,740
5141666608	Lynden Additional Water Supply	1,200
5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	1,635
5141860072	Watermain Structural Lining - Site 1 (Sunning Hill)	1,820
		<u>16,615</u>

2018 DC Rate Supported Debt

5141667423	Freelton Well (FDF01) Capacity Increase	1,022
5141395354	PD18 (Ancaster) Elevated Reservoir (W-14) (CASH FLOWED)	30
5141495551	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	550
5141596152	PD11 (Governor's Road) Watermain Extension (W-05)	580
5141795850	Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	5,512
5141796752	PD16 (Waterdown) Trunk Feedermain - PS HD016 (CASH FLOWED)	330
5141380370	Upper Mount Albion - Highland to approximately 410m S	400
5181380390	Highland - Upper Mount Albion to Easement	450
5181880090	Storm Water Management Program	4,000
5181880870	Lewis Rd Culvert - approximately 200m n/o Barton	460
5181880871	Borer's Creek Channel and Culvert (Parkside Hills Ph 2)	1,160
5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	5,328
5160966910	Woodward WWTP - Biosolids Management Facility	990
5161595858	Binbrook PS Upgrade (WW-20)	3,640
5161796786	First Street (Waterdown Sanitary) PS Upgrade DC014	585
5161180184	Highland Rd - Winterberry to Upper Mount Albion	90
5161880184	Upper Mount Albion - Highland to Rymal	395
		<u>25,522</u>

Total Rate and DC Supported Debt

42,137