

# 2018 Tax Supported Final Capital Budget



# Book 1

## 2018 Capital Budget Summary Reports FCS17099



Hamilton



**CITY OF HAMILTON  
2018-2027 TAX CAPITAL BUDGET**

**LIST OF APPENDICES**

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**APPENDIX “1”**

**2018-2027 TAX SUPPORTED**

**CAPITAL BUDGET**

**REPORT**



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**1.0 EXECUTIVE SUMMARY**

The City of Hamilton's 2018 Tax Supported Capital Budget and 10-year Tax Supported Capital Program has been crafted to support the City's Strategic Plan and Financing Strategy. The Capital Priorities focus on the following:

- Rehabilitation of existing assets
- Increased Funding to support the Senior Levels of Government's Funding Programs for Transit and Affordable Housing
- Targeted funding for growth to maximize assessment

Report FCS17099 and supporting detail (Books 1 and 2) focus on the City's 2018 Capital Budget and the corresponding 4-year forecast (2018 – 2021). The 4-year Capital Priorities align with Council's Strategic Directions regarding Built Environment and Infrastructure, Economic Prosperity and Growth, Healthy and Safe Communities and Our People and Performance.

The Table below highlights the 2018 Tax Supported Capital Program supporting the City's Strategic Plan.

<b>Highlights</b>	
<b>Expenditures</b>	<ul style="list-style-type: none"> <li>• \$236.2 M in gross capital spending including:               <ul style="list-style-type: none"> <li>• \$68.5 M Roads, Bridges, Traffic, Sidewalks</li> <li>• \$14.2 M Roads Growth</li> <li>• \$26.4 M Corporate and Recreation Facilities Rehabilitation</li> <li>• \$25.8 M West Harbour Strategic Initiatives</li> <li>• \$19.4 M Transit Initiatives</li> <li>• \$11.5 M Affordable Housing Initiatives</li> <li>• \$8.2 M Fire and Paramedic Services</li> <li>• \$7.9 M Open Space Development</li> <li>• \$7.7 M Vehicle Replacement</li> <li>• \$7.2 M Entertainment Facility Rehab</li> <li>• \$4.6 M Waste Management</li> <li>• \$4.3 M Forestry and Horticulture</li> </ul> </li> </ul>
<b>Revenues</b>	<ul style="list-style-type: none"> <li>• \$68.0 M Transfer from Operating (Contribution)</li> <li>• \$67.8 M Reserves and other internal funding</li> <li>• \$19.6 M Development Charges</li> <li>• \$12.4 M External Debt</li> </ul>

Over the years staff have increasingly focused the discretionary funding envelope towards the rehabilitation of the City's existing asset base. The 2018 Tax Supported Capital Budget has allocated approximately 79% (\$187 M) of funding towards the rehabilitation of existing assets, up from 74% in 2016. Still, this amount is critically short of an effective asset rehabilitation plan.

**Table 1****State of Good Repair Capital Funding**

(\$000s)	2016		2017		2018	
	Gross	Spending %	Gross	Spending %	Gross	Spending %
STATE OF GOOD REPAIR	193,530	74%	206,632	71%	187,142	79%
NEW ASSETS	57,062	22%	75,158	26%	13,502	6%
MULTI-YEAR CAPITAL PROJECTS		0%		0%	34,737	15%
OTHER	12,106	5%	7,614	3%	840	0%
<b>TOTAL CAPITAL PROJECTS</b>	<b>262,698</b>	<b>100%</b>	<b>289,404</b>	<b>100%</b>	<b>236,221</b>	<b>100%</b>

Asset management regulations under Bill 6, *Infrastructure for Jobs and Prosperity Act, 2015*, are being considered for adoption in January 2018. The General Issues Committee, at its meeting on October 20, 2017, received a staff presentation on these regulations. The Tax-Supported 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.

**2018 Tax Supported Capital Budget Funding Option – Additional 0.9% Property Tax Increase**

- 0.5% Property Tax Increase to address existing Infrastructure deficiencies.
- 0.4% Property Tax Increase to fund City share of Transit expansion.

The 2018 City of Hamilton Tax Supported Capital Budget presented within this report incorporates a 0.9% Property Tax increase which equates to \$7.5 M increase for the Capital Levy (\$30 annual property tax increase per average value residential property). At the City of Hamilton's 2018 Tax Supported Capital Budget Workshop on October 20, 2017, Committee members were presented with the following Capital Levy funding request:

1. A 0.5 % Property Tax Increase (\$4.1 M or \$16 annual property tax increase) dedicated to the Capital Levy to fund critical infrastructure repair per the City's 10-year Capital Financing Strategy.
2. An additional 0.4% Property Tax Increase to fund the debt charges associated with the City's share of Capital Levy Funding required for Public Transit Infrastructure Fund Capital Investments. The total cost of the Public Transit Capital submissions in 2017 was \$72,978,408 with the City's share amounting to \$36,489,204 (net discretionary impact of \$29.3 M). In the 2017 Capital Budget, Council funded the first year of a \$3.6 M, 10-year debt charge through Capital WIP savings. This is not sustainable and therefore staff are recommending additional Capital Levy funding (over and above the 0.5% funding strategy) of 0.4%. The 0.4% Property Tax increase supports the \$3.4 M (\$14 annual Property Tax Increase per average household) in debt charges associated with the increased 2017 Transit Capital request.

**Four year Capital Financing Strategy**

Over the past five years the City of Hamilton has approved an annual tax supported Capital program of approximately \$234 M, exclusive of subsidies. The City’s 10-year Capital Levy forecast which includes a 0.5% total levy annual increase dedicated to the Capital Levy ensures that the Contribution from Operating (direct dollar funding) is proportionately constant. Conversely, this ensures that the debt charges portion of the Capital Levy does not increase as a percentage of the Capital Levy. The following Table illustrates the Transit Capital Program’s Levy Impact (annual debt funding) for the next 4-years.

**Table 2**

<b>Transit - 4 Year Levy Impact Forecast</b>				
	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Tax Supported Capital excluding Transit 0.5%</b>	0.50%	0.50%	0.50%	0.50%
<b>Transit Levy Impact (debt funded)</b>	0.40%	0.66%	0.61%	0.27%
<b><i>Assumption: Senior Level of Government to fund 50% of Gross Capital Requests</i></b>				

The City’s Capital Budget is an important tool in achieving Council’s Strategic Plan Priorities and is integral to the City’s long-term sustainability. It’s an essential component of municipal financial planning. The key objective is to develop a capital investment plan that strikes a strategic balance among the following needs:

- maintaining our existing infrastructure and facilities in an appropriate state of repair;
- advancing Council and community priorities within the City’s long-term financial capacity;
- maximizing the City’s growth potential by investing in infrastructure and facilities which will ensure the City’s financial stability as well as meeting its social responsibilities.

Hamilton’s resurgence as one of Canada’s economic drivers is well documented. In keeping pace with this revival, the City in the last few years has approved in part or in total several significant Strategic Capital Investments which include the following:

1. Pan Am Stadium (Tim Horton’s Field) – City Share (\$52 M)
2. Stadium Precinct Infrastructure (\$45 M)
3. 10-year Transit Strategy (\$393 M)
4. POA Office (\$36 M)
5. Police Investigative Services Division/ Forensic Facility (\$24 M)
6. West Harbour Development (\$130 M)
7. Parkland Purchases and Development

Previous City Capital Reports have highlighted the fact that the City’s \$3.5 billion accumulated infrastructure deficit backlog (\$195 M annually) cannot be repaired relying solely on the City’s 10-year Capital Levy Funding Strategy. This Strategy includes increasing the Capital Levy annually by 0.5%. Funding partnerships with senior levels of government will be required to assist in tackling the infrastructure deficit.

The City's Capital Levy needs to increase in proportion to the increase in debt so that fiscal flexibility is available to deal with future Capital Initiatives. Credit Rating Agency, Standard and Poor's, upgraded Hamilton's Fiscal performance to AA plus (stable outlook), in part due to strong financial management, exceptional liquidity and very low debt burden. In order to maintain this debt rating and lower debt servicing fees, the City needs to allocate sufficient Tax Levy dollars towards the Capital Budget. This is why staff are recommending additional Levy dollars for the 2018 Tax Supported Capital Budget. Significant amounts of debt issuance in a number of consecutive years would severely constrain a municipality's capital flexibility. The City of Hamilton in its 10-year Capital forecast has a number of significant Capital investments which will require debt financing. If the annual Capital Levy increase does not reflect this growing funding requirement then the amount of discretionary Capital funding available to address the existing infrastructure deficit will decrease.

The rising costs of rehabilitation of existing assets coupled with chronic underfunding, affects all municipalities in Canada. Investing effectively in Hamilton's priority growth areas and directing limited resources towards asset rehabilitation is the goal of the City's Capital Program.

The City of Hamilton's 10-year Tax Supported Capital Program (2018 -2027) focuses on the following strategic objectives;

1. Targeting capital investments in rehabilitation programs including roads, social housing, corporate and recreation facilities and long-term care assets.
2. Investment in strategic growth capital projects such as the West Harbour and Waterfront Strategic Initiatives, Downtown Revitalization, Parkland acquisition and Transportation Corridors.
3. Continuing Council's long-term Capital Funding Plan which dedicates Property Tax increases exclusively for the Capital Levy at an annual rate of 0.5% of the total Property Tax Levy (\$4.1 M for 2018) or \$16 per typical household.
4. Amending the long-term Capital Funding Plan to account for additional Capital Investments required as a result of Infrastructure Funding programs from the senior levels of government. Staff recommends an additional 0.4% total levy increase for the Capital Levy. The additional 0.4% supports the debt financing of the municipal contribution required (\$29.3 M) for the Federal (PTIF) Program.
5. Keeping the total debt burden for the City of Hamilton at levels which will not impact the City of Hamilton in terms of a negative fiscal downgrade by credit rating agencies thereby increasing borrowing costs.
6. Maximizing the effectiveness and efficiency of the Capital program through the following measures:
  - In 2015, Council approved changes to the City's Capital Project Monitoring Policy. Previously staff reported on the status of the Capital Work-in-Progress projects to their respective Standing Committees. The amended Policy has staff submit the Status of the Capital Work-in-Progress projects to the Capital Projects Works-in-Progress Sub-

Committee. This Committee's goal is to improve the efficiency of the Capital Program by freeing up previously budgeted funding from capital projects either delayed or no longer required.

- Council approved re-appropriations.
- 3-year Capital Closing Project Policies.

## **Tax Supported Capital Program (2018 – 2027) Objectives**

### **1. Targeting capital investments in rehabilitation programs including roads, social housing, corporate and recreation facilities, long-term care assets and cultural assets.**

The amount of capital funds available for rehabilitation is far below what is needed to keep the City's assets in a sustainable condition. The annual infrastructure deficit for the City is approximately \$195 M with a cumulative infrastructure deficit approaching \$3.5 billion. Variables influencing this issue include,

- City's reduced industrial/commercial assessment base which has eroded the City's property tax revenue growth.
- Targeted Property Tax Savings from amalgamation. In achieving a targeted \$25 M in savings, capital funding imbedded in operating budgets (reserve provisions) were eliminated/reduced. As a result, the City's Capital Levy in 2017 as a percentage of the total Levy (12.4%) is below comparator municipalities (15% - 20%).
- Reduced road and facilities infrastructure subsidies from senior levels of government.
- Downloading operating costs leaving the City little flexibility in terms of property tax increases exclusively for Capital.

### **2. Investment in strategic growth capital projects such as the West Harbour and Waterfront Strategic Initiatives, Downtown Revitalization, Parkland acquisition and Transportation Corridors.**

By directing the bulk of available resources towards asset rehabilitation, the City must strategically allocate the balance of funding, including debt capacity, towards those growth projects which leverage assessment growth and other City-building qualities.

### **3. A 2018 Capital Levy Increase to accommodate the additional Transit Capital required due to the Federal Governments Transit Infrastructure Cost-Sharing Subsidy Program. The 2018 Property Tax increases to the Capital Levy is 0.9% (2018 = \$7.5 M) or \$30 per typical household.**

In 2017, the City of Hamilton levied \$832.7 M in property taxes. Included in this amount was \$102.9 M for Capital (known as the Capital Levy). Staff are recommending to Council a 0.9% of the tax increase for 2018 be dedicated to the Capital Levy. This would increase the Capital Levy by \$7.5 M to \$110.45 M.

**4. Keeping the total debt burden for the City of Hamilton at levels which will not impact the City of Hamilton in terms of a negative fiscal downgrade by credit rating agencies thereby increasing borrowing costs.**

In the proposed 2018-2027 10-year financing plan, tax supported budgeted external debt levels peak in 2021 at \$471 M (up from the \$467 M forecasted in 2019). Total City debt after adding in Rate Supported debt peaks at \$1.09 B in 2021. This number is inclusive of Development Charge supported debt. This is the debt level which most concerns credit rating agencies. Staff will monitor the City's external debt within financial policy goals.

The proposed 2018 Tax Supported Capital Budget funds \$236 M in Capital Projects. Included in this amount are several new initiatives which are aligned to Council's Strategic Priorities.

With the current economic climate and fiscal pressures which challenge the Province's ability to support infrastructure investment, the Province has made clear that future funding commitments to municipalities will be based on focused investments which address needs rather than wants.

The Province of Ontario passed Bill 6, Infrastructure for Jobs and Prosperity Act on June 4, 2015. The purpose of the Act is to aid municipalities in identifying and prioritizing infrastructure investment. To that end, the Ministry of Infrastructure has developed the *Municipal Infrastructure Strategy*, which intends to aid municipalities in strengthening asset management practices across the Province. Within the Strategy is a requirement that municipalities seeking provincial capital funding will now be required to submit a detailed Asset Management Plan (AMP) for future consideration.

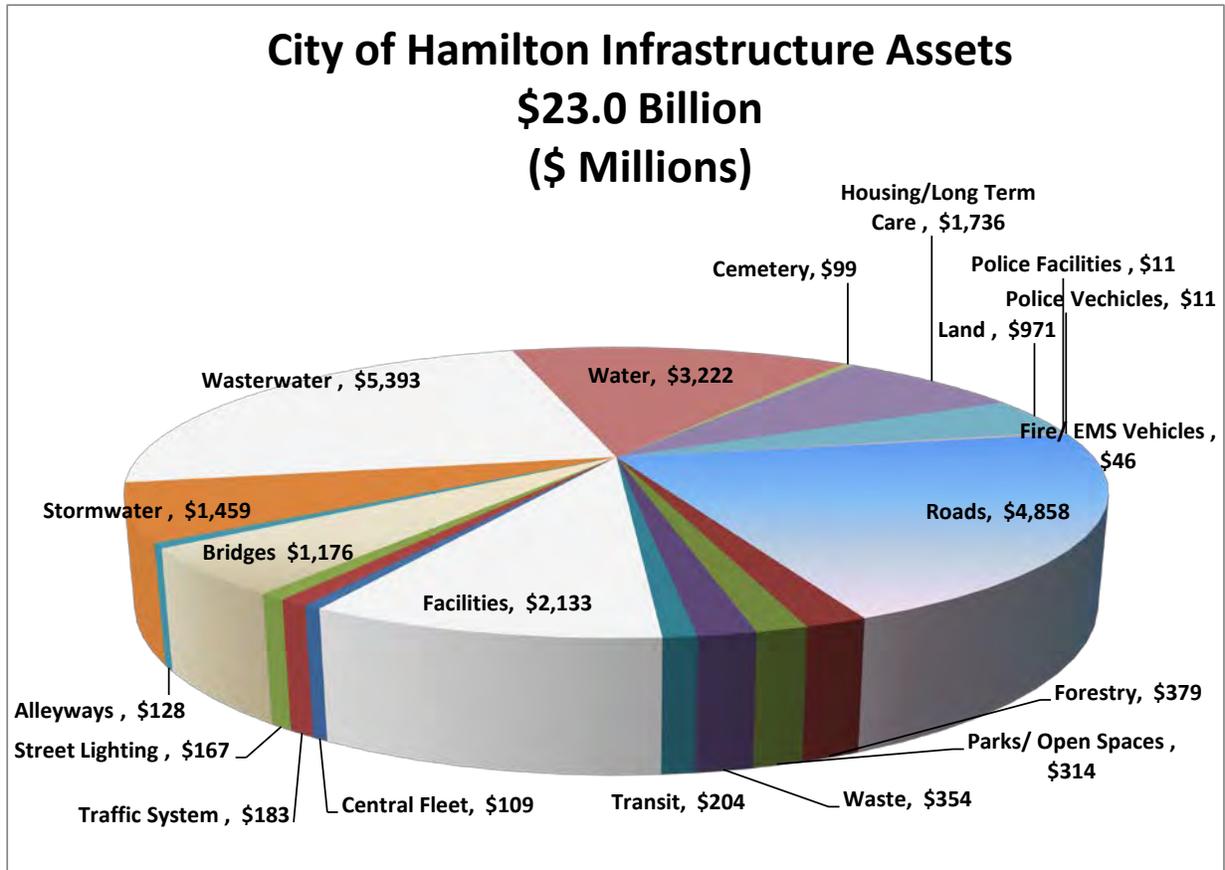
The City cannot solve its infrastructure funding gap from own source revenue. It will have to rely on significant stable funding from the senior levels of government. The City has and is forecast to continue to make a concerted effort to increase funding for infrastructure rehabilitation through Capital Levy increases. Staff have presented a Tax Supported 2018 – 2027 Capital Forecast which incorporates a two-stage plan

1. An annual 0.5% property tax increase to support regular capital programming.
2. An additional property tax increase to cover the debt charges associated with the City's share of the PTIF Program. This would include incremental increases of 0.4% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021.

Over a 4-year period, this plan would add \$42 M more in regular capital funding in addition to funding \$168 M in new Transit Capital. More Federal/Provincial infrastructure funding as well as increasing own source revenue is necessary to improve the state of the City's existing infrastructure. Otherwise the City's Capital Program over the next 10 years will increasingly consist of emergency repairs to its existing infrastructure. Without this commitment from all three levels of government, the City's existing asset base will continue to deteriorate and new capital investment will only be affordable through increased debt which in turn will leave even less for existing capital repair and maintenance as debt principal and interest payments crowd out capital funding capacity.

**Tax Supported Capital Budget Background**

The City of Hamilton owns hard assets with a total replacement value of approximately \$23 B. Forty-four percent (44%) of the value of these assets represents water, wastewater and stormwater, which is principally funded from the Rate Supported Budget. The other fifty-six percent (56%) are tax supported infrastructure such as roads, recreation facilities, emergency vehicles and buildings, etc. The repair and replacement costs of the latter assets are funded from the Tax Supported Capital Budget. A detailed breakdown of the City’s \$23.0 B infrastructure assets is presented in the following chart.



During the past 5 years the City of Hamilton has accomplished the following Tax Supported Capital Budget objectives:

1. Identified in all program areas the depth of the infrastructure deficit and required funding to achieve existing infrastructure sustainability.
2. Created a much more comprehensive process to determine program area priorities. The process includes consultation through one on one staff and ward councillor information sessions, as well as capital prioritization workshops through General Issues Committee.
3. Aligned the City’s Capital Budgets with its Strategic Plan and Business Plans. This includes a multi-year Capital Budgeting Model which is an essential tool for the City’s long-term

financial sustainability. The City has been able to meet its Capital obligations through prudent debt financing strategies in addition to an upgrading of its credit rating to AA+ (stable outlook) from AA (positive outlook) in June 2017.

4. The City has struck a premium balance between funding valued and sustainable services and supporting growth infrastructure in an effort to grow a prosperous and healthy community. One important tool for achieving this is the Development Staging program which directs the City’s funding for growth to areas which will maximize future City revenues.

The four above-mentioned objectives form the core of the City of Hamilton’s 2018 Tax Supported Capital Budget and 2019 - 2027 Capital Forecast. The 2018 Tax Supported Capital Budget represents an effort to address investments necessary to support our existing infrastructure, as well as the need to support municipal investment readiness and economic development and capacity, while maintaining tax competitiveness.

**Works-In-Progress (WIP) Funding Review:**

The City has over the years progressively managed the number of previously approved but not yet completed Capital projects (Works In Progress – WIP). Over the last 3 years, the WIP completion rate for the Tax Supported WIP’s has stabilized around 78%. For the 2018 Tax Supported Capital Budget, staff reviewed all WIPs and re-allocated \$13.5 M for strategic priorities as illustrated in Table 3.

**Table 3**

<b>2018 Reallocation of WIP Funding By Program (\$000`s)</b>	
Corporate Facilities	\$ 150
Corporate Services	318
Community and Emergency Services	320
Long Term Care Homes	186
Open Space Development	1,164
West Harbour & Waterfront Strategic Initiatives	1,510
Roads	2,920
Entertainment Facilities	4,013
Recreation Facilities	2,892
<i>Total 2018 Requested WIP Funding</i>	<u>\$ 13,473</u>

**2.0 2018 TAX SUPPORTED CAPITAL BUDGET STRATEGIC INVESTMENTS****A. Roads/Bridge/Other Rehabilitation Program:**

One of the most significant infrastructure deficits for the City resides in the roads/bridges/other program. The road network value is approximately \$4.9 B with a rehabilitation and replacement backlog of approximately \$1.5 B. Annually, the City should be investing approximately \$150 M on roads and bridges capital improvements. In 2018, the City is spending approximately \$68.5 M gross on the roads rehabilitation capital program (\$82.7 M less \$14.2 M growth) while the levy impact on this program is \$55.2 M as illustrated in Table 4.

**Table 4**

<b>2018 Roads/Bridges &amp; Other Forecast by Program Area</b> <b>(\$000's)</b>	<b>2017</b> <b>Gross</b>	<b>2018</b> <b>Proposed</b>	
		<b>Gross</b>	<b>Net</b>
Replacement Program	5,050	14,070	9,290
Urban Rehabilitation	21,612	14,420	12,320
Rural Rehabilitation	4,510	3,000	3,000
Bridges and Structures	9,710	5,840	5,840
O & M/Studies/Traffic Engineering	21,460	21,545	15,845
Council Priority Projects	9,600	9,650	4,370
<b>Total Non-Growth Related Projects</b>	<b>71,942</b>	<b>68,525</b>	<b>50,665</b>
Development/Growth Related Program	11,140	14,150	4,537
<b>Total Roads</b>	<b>83,082</b>	<b>82,675</b>	<b>55,202</b>

**B. West-Harbour Waterfront Strategic Initiatives:**

The West Harbour Re-Development Plan was identified as a key element of the “*Economic Prosperity and Growth*” priority in the 2015-2025 Strategic Plan. Since 2015, the projects and initiatives of this Plan have been identified within the City’s 10-year Capital Forecast. The annual levy impact of this program has been primarily funded through debt, based on a positive business-case analysis where the City will realize future revenues in the form of one-time land transaction fees as well as a stream of net municipal tax payments on the residential and commercial assessment growth.

From the beginning, public investments in parks, open-spaces, and programing amenities within the West Harbour have been the foundation of transforming this area into an active and vibrant waterfront. Initiated in 2012, the current West Harbour Re-Development Plan has put a significant emphasis on converting the former industrial shipping lands of Piers 5-8, into a destination of parks, marine recreation facilities, and public-spaces for Hamiltonians and visitors alike, integrated along-side new private-sector residential and commercial developments.

From a land-development perspective, the Pier 8 site has the potential to support 1,260 to 1,600 residential units and 13,000 square metres of commercial and institutional space on nine development blocks. Financially, as the owner of the Pier 8 lands, the City will realize the proceeds generated from the land sale transaction. Once the development begins, the City will also realize annual property tax revenue estimated at approximately \$8 M - \$9 M per year at full build-out, equating to \$44 M - \$46 M in projected municipal tax revenue between the years 2020-2030.

From 2012 to 2017, Council approved approximately \$54 M in capital funding toward the West Harbour Re-Development Plan, with \$25.8 M approved in principle for 2018. The individual projects and initiatives can be categorized by the following:

1. Development-Ready Projects
2. Asset & Infrastructure rehabilitation
3. Parks & Public-Space
4. Marina Management Agreement Commitments

Beyond 2018, there are two specific projects that are integral to the long-term viability of the overall Plan:

1. Locations of the Hamilton Police Service Marine Unit, estimated at \$3.7 M for construction in 2020; and
2. New Parking Garage for Public Parking, estimated at \$23.28 M over the years 2020-2023.

Although the funding sources will need to be identified, the timeframes have been forecast based on development expectations, and therefore may be adjusted to reflect the timing of the actual construction implementation.

Projects and initiatives were identified in several Council approved plans and agreements including the following:

- May 12, 2010; Council approved COW Report 10-014 and Staff Report PW09004/PED10108 "West Harbour Waterfront Recreation Master Plan" (WHWRMP);
- January 29, 2014; Council approved GIC Report 14-001 and staff Report PED14002 entitled "*West Harbour Piers 5-8 Servicing Studies and Pro Forma Analysis*";
- April 2, 2014 – GIC approved staff Report CM12015(b) entitled "*Formal Marina Management Agreement (MMA) with the Hamilton Port Authority (HPA) Regarding Piers 7 and 8*";
- March 30, 2015 – GIC approved Report 15-008 and staff Report PED14002(b) entitled "*West Harbour Waterfront Re-Development Plan*".

**Table 5**

<b>West Harbour Waterfront Strategic Initiatives</b>		<b>(\$000's)</b>	
<b>Capital Forecast</b>			
	<b>Gross</b>	<b>Net</b>	
Approved 2012 - 2017	\$ 54,035	\$	44,724
Subtotal	\$ 54,035	\$	44,724
Proposed 2018	\$ 25,790	\$	24,280
Proposed 2019	\$ 10,160	\$	10,160
Subtotal	\$ 35,950	\$	34,440
Total	\$ 89,985	\$	79,164

**C. 10-Year Local Transit Strategy:**

The proposed 2018-2027 Transit Capital Budget has been based on Council's approved 10-Year Local Transit Strategy in partnership with the Province's Public Transit Infrastructure Fund (PTIF). With that Strategy, \$392.7 M over the next 10-years would be required in Capital spending in order to support the BLAST express bus network (Acronym for 5 transit lines) and a new bus maintenance and storage facility. In addition, the basic Transit capital program has been set up to provide the following;

- Create sustainable reserves to maintain a 12 year life cycle for all buses
- Provide on street infrastructure such as shelters and landing pads
- Provide the technology required to monitor the service and deliver customer information

An estimated \$228.5 M of the gross capital spending will be required in the next four years 2018-2021, \$163.3 M of which relates to PTIF projects, refer to Table 8. The identified funding sources include PTIF, new Debt, Internal Reserves, Development Charges and Federal Gas Tax. The new Capital spend includes additional buses and a new storage facility. Currently, the Hamilton Street Railway (HSR) operates a fleet comprised of 252 buses. This fleet is scheduled to grow by 91 buses by 2024. Due to current capacity issues, a new bus storage facility is required.

The Government of Canada in conjunction with Ontario is supporting the PTIF program, and will cover up to 50% of the funding needed for projects supported under this agreement. The Ontario funding is to be allocated provincially on the basis of transit ridership. Each eligible PTIF recipient may submit project(s) that represent up to 25 % of their total allocation that extend to March 31, 2019 supported with a concrete demonstrated need/rationale for the extended completion deadline.

**PTIF Phase 1**

As part of 2017 Capital Budget, the City submitted an application to receive approval to access the PTIF Phase 1 funding. Under the agreement the City will be eligible to receive an allocation of \$36,489,204, which represents 50% of the total \$72.9 M 2017 Capital Budget request. Refer to Table 6 for lists of projects that have been submitted and the funding strategy.

**Table 6**

PTIF Projects Phase 1 (\$000's)	Funding			
	Gross Cost	PTIF Grant	Dev Charges	Debt
Transit Maintenance and Storage Facility	28,650	14,325	7,162	7,163
HSR Bus Expansion Program	10,380	5,190		5,190
Transit Shelter Expansion and Rehab Project	7,043	3,522		3,522
Automated Passenger Counters	4,300	2,150		2,150
Transit Priority Measures	3,850	1,925		1,925
Transit Capital Infrastructure	3,300	1,650		1,650
Replace Transit Fleet Bus Hoists	3,025	1,512		1,512
Sustainable Network Connections	3,025	1,512		1,512
Radio Equipment Replacement	3,000	1,500		1,500
HVAC Upgrades - 2200 Upper James	2,200	1,100		1,100
Customer Service Software	1,605	803		803
Garage Door Replacement - 2200 Upper James	1,320	660		660
Bus Wash Rack Replacement	880	440		440
Nonrevenue Vehicle Expansion - Growth	400	200		200
<b>Total</b>	<b>72,978</b>	<b>36,489</b>	<b>7,162</b>	<b>29,327</b>

The following are eligible investments under the PTIF program:

- I. Capital projects for the rehabilitation, optimization and modernization of public transit infrastructure, or that improve the efficiency, accessibility and/or safety of public transit infrastructure (including rehabilitation or enhancement of existing guide ways, maintenance and storage facilities, transit stations or other public transit capital assets; refurbishment or replacement of existing rolling stock; intelligent transportation systems and replacement or enhancement of transit stations);
- II. Expenditures to support the asset management capacity of a public transit system;
- III. Expenditures to support the design and planning for the expansion and improvements to public transit systems, including transportation demand management measures and studies and pilot projects related to innovative and transformative technologies; and
- IV. Projects for system expansion, which may include active transportation, if they can be completed within the program timeframe

The projects for which the grants were submitted have been incorporated into the 2018 Tax Supported Capital Budget and Financing Plan.

As at November 17, 2017 the HSR is awaiting decision on the requested extension on projects that will not be completed by the March 31, 2018 deadline. The projects that require extended deadline include MSF, HVAC, Bus Hoists, Bus Wash Rack, MTC Garage Doors, Transit Shelter & Bus Stop Rehabilitation.

Table 7 shows that to date \$2,177,133 has been expended and P.O. committed \$16,236,162 towards the PTIF Phase 1 projects. Table 6 shows the City's financing strategy for its portion of the \$36,489,204 which consists of \$7,162,000 in Development Charges and \$29,328,000 in new debt. 2017 debt charges of \$3,600,000 associated with the new debt have been funded through WIPs. The table demonstrates how critical the Federal Government PTIF program is to HSR 10-Year Capital, without it the program would be in a shortfall.

<b>2017 PTIF Projects</b>	<b>Budget</b>	<b>LTD Expended</b>	<b>P.O. Commit</b>	<b>Total to Date</b>
Garage Door Repl - MTC	1,320,000	28,597	31,249	59,846
Transit Capital Infrastructure	3,300,000	49,624	133,984	183,608
Replace Bus Hoists	3,025,000	-	1,276,470	1,276,470
HVAC Upgrades-2200 Upper James	2,200,000	-	633,000	633,000
Transit Priority Measures	3,850,000	-	-	-
HSR Bus Expansion Prgrm-10 Yr	10,380,000	-	10,375,680	10,375,680
Non-Revenue Vehicle Exp-Growth	400,000	-	-	-
Radio Equipment Replacement	3,000,000	-	-	-
Automated Passenger Counters	4,300,000	-	2,066,796	2,066,796
Shelter Expansion & Rehab	7,043,000	-	-	-
Bus Wash Rack Replacement	880,000	28,320	80,048	108,368
Transit Mtnc&Storage Facility	28,650,000	-	-	-
Sustainable NetworkConnections	3,025,000	2,070,572	559,685	2,630,256
Customer Service Software	1,605,000	-	1,079,250	1,079,250
<b>Total:</b>	<b>\$ 72,978,000</b>	<b>\$ 2,177,113</b>	<b>\$ 16,236,162</b>	<b>\$ 18,413,275</b>

## PTIF Phase 2

The federal government's framework for infrastructure funding PTIF Phase 2 is expected to be announced in spring of 2018. Staff will be reporting back to Council once details are provided. To balance PTIF funding, the City's new multi-year finance strategy for Transit capital requirements is through issue of new debt. It is estimated that the new debt will amount to \$26 M in 2019, \$27 M in 2020 and \$9 M in 2021. The capital projects associated with this debt are contained in Table 8 for the period 2018 – 2021. In order to accommodate the debt charges associated with this financing strategy, Staff are proposing additional levy increase of 0.4% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021.

**Table 8**  
**Four Year Transit Capital Forecast**

Projects	Pre 2018		2018		2019 - 2021	
	Gross	Net	Gross	Net	Gross	Net
HSR Bus Replacement	-	-	14,485	-	45,176	-
Nonrevenue Vehicle replace	-	-	103	-	401	-
Transit Hybrid Bus Battery replc	700	-	-	-	240	-
Subtotal	700	-	14,588	-	45,817	-
HSR Bus Expansion Program - 10 Year Plan	10,380	5,190	-	-	17,610	17,610
Transit Maintenance and Storage Facility	28,650	7,163	-	-	111,350	83,512
Corridor Capacity	-	-	-	-	1,830	1,830
Branding and Marketing - Launch and Implementation	-	-	-	-	4,820	4,820
PRESTO Equipment Replacement	-	-	-	-	4,235	4,235
Transit Terminal Development	-	-	-	-	6,940	6,940
Transit Shelter Expansion Program	-	-	-	-	450	-
Ranger Equipment Replacement	-	-	-	-	2,000	2,000
Terminal and End of Line Rehabilitation	-	-	75	75	225	225
Bus Stop Shelter Rehabilitation	-	-	125	125	375	375
Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	-	-	420	420	2,270	2,270
Rapid Ready & Ten Year Local Transit Strategy Implementation	50	-	500	500	50	-
Fund Transit Reserve Shortfall- Re Cancellation of OBRP	-	-	3,700	3,700	11,100	11,100
Subtotal	39,080	12,353	4,820	4,820	163,255	134,917
<b>Total</b>	<b>39,780</b>	<b>12,353</b>	<b>19,408</b>	<b>4,820</b>	<b>209,072</b>	<b>134,917</b>

**3.0 2018 TAX SUPPORTED CAPITAL LEVY**

While the City’s objective is to manage the need for future property tax increases, balancing the Capital requirements of existing asset rehabilitation with investments in new projects to increase the City’s assessment base requires increases in own source funding. Consequently, the City’s Senior Leadership Team has at a minimum endorsed a 0.9% Capital Levy tax increase (\$7.5 M). This action is in recognition of the need to increase own source funding which supports the City’s Strategic Plan with regards to financial sustainability.

Evidence of the need to increase own source funding of the City’s Capital Program is based on the following facts:

- a) The Capital Levy as a percentage of the total levy (refer to Table 9) is at 12.4% (2017). A healthy capital to operating ratio is around 15% to 20%. That is where the pre-amalgamation ratio was for the combined City before reserve provision transfers were reduced to provide amalgamation savings.

- b) Funding through contribution from operating over the past 5 years increased by an annual average of 0.5%.
- c) The City’s current infrastructure gap is estimated at \$195 M per year.

As per Table 9, in 2017, \$102.9 M (12.4 % of the City’s \$832.7 M tax levy) was used for capital purposes. For 2018, staff recommend a \$110.45 M Capital Levy consisting of \$42.4 M in budgeted debt charges and a \$68.0 M transfer from operating to capital (direct dollar funding). This represents a Capital Levy increase of 7.3% (\$7.5 M) over the previous year.

**Table 9**

(\$ Millions)	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Total Tax Levy</b>	601.6	630.1	649.1	673.0	692.4	705.1	727.3	748.3	797.6	827.7	832.7
<b>Capital Levy</b>	75.0	77.5	77.5	80.4	83.4	86.7	90.2	90.2	94.6	99.0	102.9
<b>Capital Levy % of Total Levy</b>	12.5%	12.3%	11.9%	11.9%	12.0%	12.3%	12.4%	12.1%	11.9%	12.0%	12.4%
<b>Capital Levy Increase</b>	2.0%	3.3%	0.0%	3.7%	3.7%	4.0%	4.0%	0.0%	4.9%	4.7%	3.9%

Table 10 illustrates the Tax Levy Impact of a 0.9% total annual levy increase dedicated to the Capital Levy and the components of the proposed Tax Supported Capital Levy (debt charges and direct dollar for dollar capital funding as a transfer from operating budget).

**Table 10**

<b>CAPITAL BUDGET IMPACT ON OPERATING BUDGET</b>				
Includes impact of Public Transit Infrastructure Fund (0.4%)				
(\$000's)				
	2017	2018	CHANGE	
	APPROVED	PROPOSED	\$	%
<b>Debt Charges</b>	52,091	42,420	(9,671)	(18.6)
<b>Transfer from Operating</b>	50,863	68,034	17,171	33.8
<b>Total Impact</b>	102,954	110,454	7,500	7.3
<b>Impact on Average Residential Property Tax 0.9% (\$30)</b>				

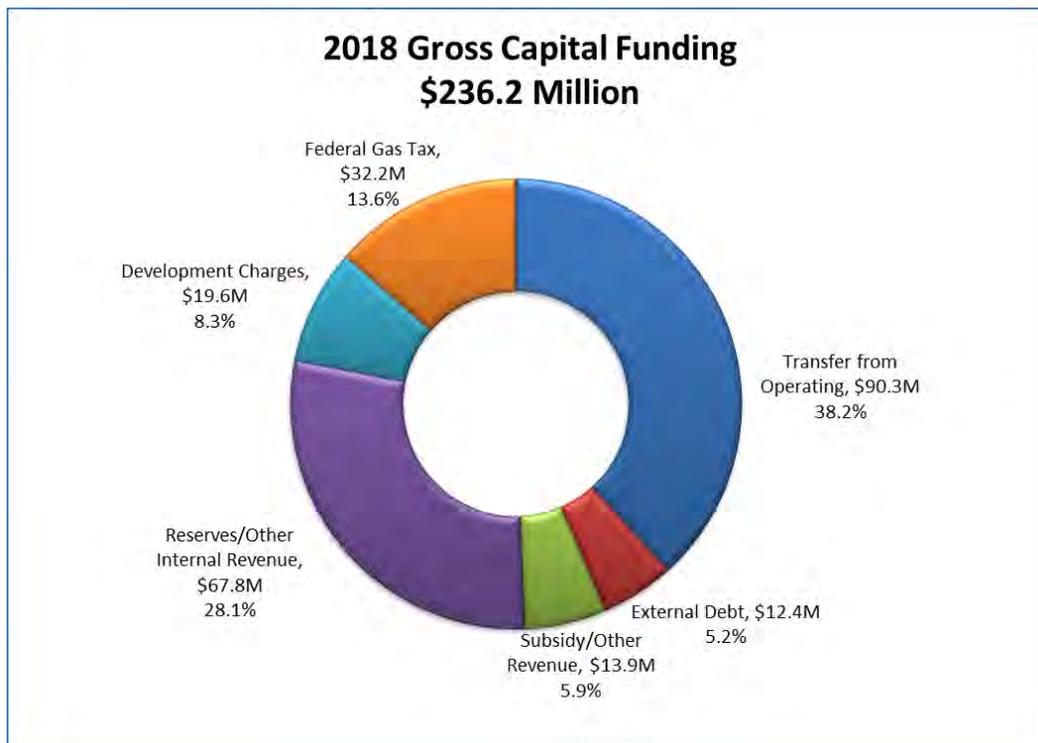
Table 11 illustrates the impact of a 0.5% total levy increase absorbing the additional PTIF funding requirements. If the 2018 Capital Budget increase is limited to 0.5%, then the following Capital Budget options need to be considered;

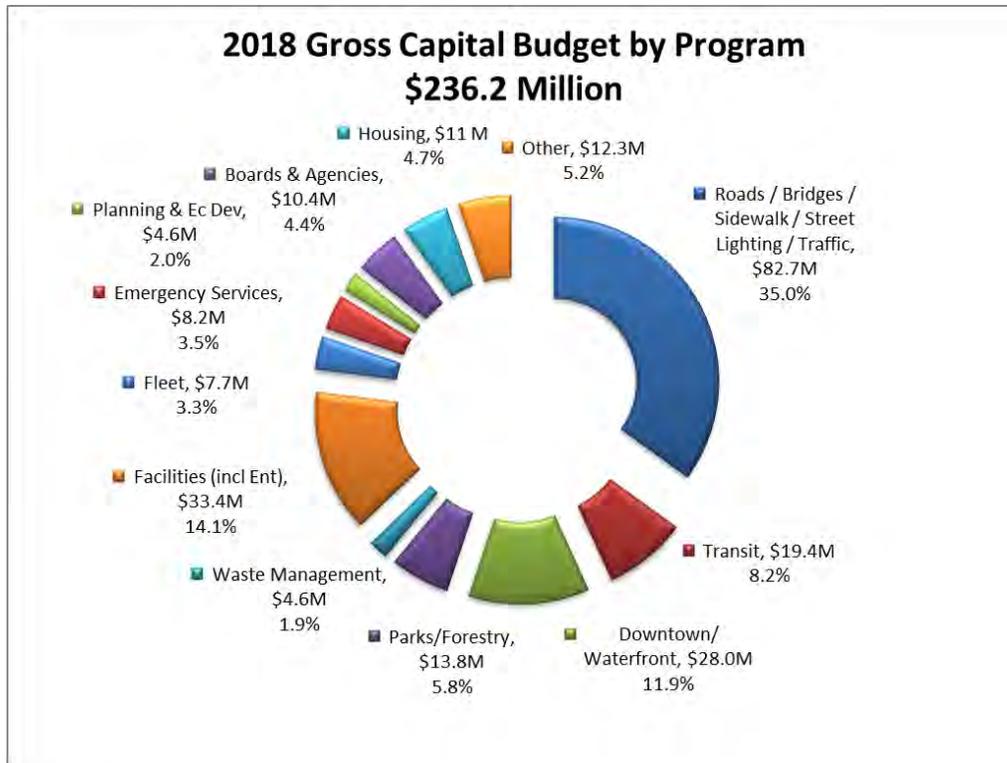
- \$3.4 M in 2018 Capital Projects funded need to be removed from the proposed 2018 Tax Supported Capital Budget
- \$3.4 M in WIP’s need to be identified (not sustainable as additional debt funding will be required for PTIF in 2019)

**Table 11**

<b>CAPITAL BUDGET IMPACT ON OPERATING BUDGET</b>				
<b>(\$000's)</b>				
	<b>2017 APPROVED</b>	<b>2018 PROPOSED</b>	<b>CHANGE</b>	
			<b>\$</b>	<b>%</b>
<b>Debt Charges</b>	<b>52,091</b>	<b>39,020</b>	<b>(13,071)</b>	<b>(25.09)</b>
<b>Transfer from Operating</b>	<b>50,863</b>	<b>68,034</b>	<b>17,171</b>	<b>33.76</b>
<b>Total Impact</b>	<b>102,954</b>	<b>107,054</b>	<b>4,100</b>	<b>3.98</b>
<b>Impact on Average Residential Property Tax 0.5% (\$16)</b>				

The following two pie charts illustrate the 2018 Capital funding sources and the corresponding recommended allocation across programs.





**4.0 2018 TAX SUPPORTED CAPITAL BUDGET PRIORITIZATION PROCESS**

The City of Hamilton employs a hybrid Capital Block Funding Prioritization methodology which over the years has evolved, aligning with the City’s Strategic Plan. This has been accomplished by senior staff in all program areas endorsing a corporate Capital funding program focused on meeting a base level financial requirement. This process ensures stable long-term capital funding for hard infrastructure program areas (roads, facilities, long-term care assets) which facilitates effective costing and priority planning outcomes. In addition, meetings with councillors provide input for the Capital Program through various workshops through the Capital Budget Planning Process.

The process for the 2018 Capital Budget was as follows:

- Staff met to determine 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 (DC’s, Fleet, Transit, etc) or any other specific 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.

## 5.0 2018 PROPOSED TAX SUPPORTED CAPITAL BUDGET

Table 12 summarizes the proposed Capital Budget by program area and compares it to the previous year's approved capital program. The proposed Capital Budget incorporates a 0.9% tax increase (\$7.5 M) dedicated to the Capital Levy.

**Table 12**

### **2018 PROPOSED TAX SUPPORTED CAPITAL BUDGET (\$000's)**

	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
<b>Total Program Funding</b>	<b>281,054</b>	<b>154,078</b>	<b>222,810</b>	<b>127,118</b>
<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
<b>Total Other Major Projects</b>	<b>2,900</b>	<b>2,900</b>	<b>2,975</b>	<b>2,975</b>
<b>Total Before Special Levies and Boards</b>	<b>283,954</b>	<b>156,978</b>	<b>225,785</b>	<b>130,093</b>
<u>Special Levies &amp; 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
<b>Total Special Levies &amp; Boards</b>	<b>5,450</b>	<b>3,636</b>	<b>10,436</b>	<b>4,760</b>
<b>Total Funded Projects</b>	<b>289,404</b>	<b>160,614</b>	<b>236,221</b>	<b>134,853</b>

**6.0 2018 – 2021 TAX SUPPORTED CAPITAL FORECAST ASSUMPTIONS / HIGHLIGHTS**

1. Budgeted debt financing. For the 2018-2021 debt financed capital projects, it is assumed that debt repayments start on July 1 at 5.00% interest rate amortized over 15 years. For previously approved capital projects (Works-In-Progress – WIP's), July 1 is also the date that debt repayments start accruing.
2. Federal/Provincial Infrastructure Subsidy – Gas Tax Revenues. The majority of municipalities cannot meet the cost of proper infrastructure repair and rehabilitation. In response, the Federal government is contributing 5 cents per litre of gas sold to municipalities for this issue. This subsidy is currently estimated at \$32.2 M for 2018.
3. Hamilton Utilities Corporation Capital Funding Dividend. Based on the Hamilton Utilities Corporation Dividend Policy staff incorporated \$8.5 M in dividends to fund the Capital Program in 2017 and \$3 M in each subsequent year thereafter dedicated to the Poverty Reduction Strategy.

Table 13 provides a 4-year discretionary capital forecast for 2018 – 2021 summarized by program area expenditures and the sources of discretionary funding. It does not include non-discretionary capital sources of funding which must be used for a specific purpose (i.e. dedicated reserves for Development Charges, Fleet, etc). The highlights regarding the discretionary funding envelope are:

- a) Significant increase in the contribution from operating from \$50.9 M in 2017 to \$68.0 M in 2018.
- b) 2018 Capital financing surplus stems from calendar year 2016 and is due to approved but unissued debt.

Discretionary funds may be directed by Council to any purpose it deems necessary (with some program limitations regarding the Federal Gas Tax). Table 13 assumes an annual 0.5% property tax increase to support regular capital programming and additional property tax increases to cover the debt charges associated with the City's share of the PTIF Program. This would include incremental increases of 0.40% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021.

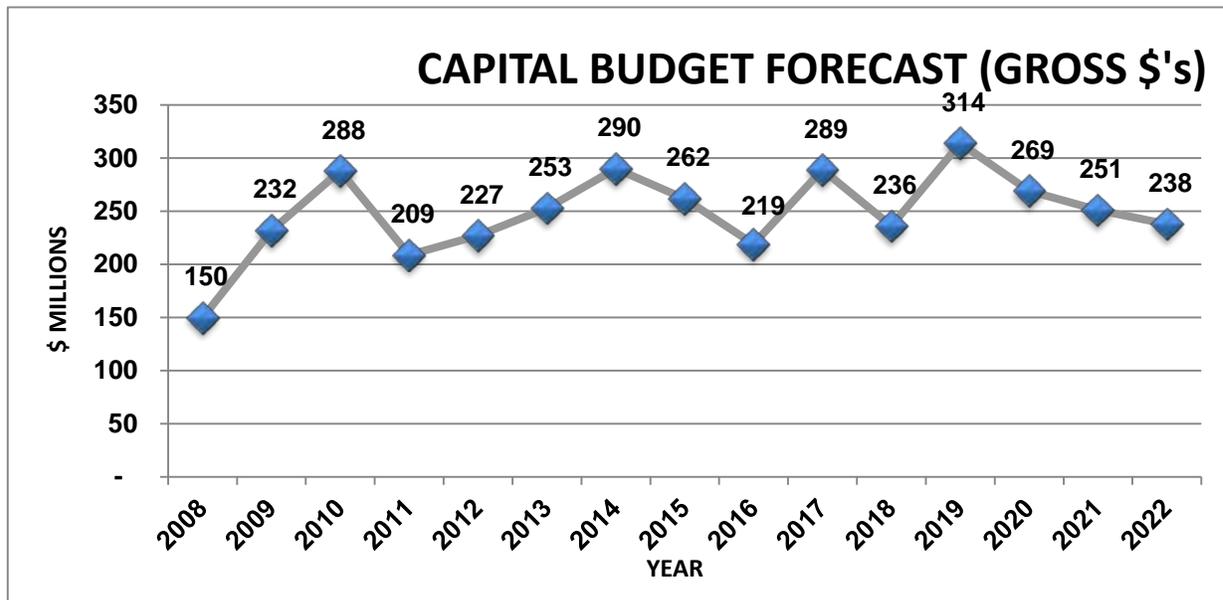
Staff recommends incorporating the operating impact of capital projects in the 2019 operating budget. In 2017, the operating impact of Capital for inclusion into the 2018 operating budget was \$2.03 M and 13.02 FTE's as well as \$2.8 M and 29 FTE's related to PTIF capital. The operating impact of the 2018 Capital Budget for is \$2.3 M and 16.44 FTE's. A small portion, \$65 K and 0.67 FTE is recommended to be included in the 2018 Operating budget, the balance of \$2.2 M and 15.77 FTE's is recommended to be incorporated into the 2019, or future, Tax Supported Operating Budget.

**Table 13**

<b>Discretionary Tax Supported Net Capital Funding 2018 - 2021 Forecast</b>					
<b>0.5% (\$4.1M) + Transit Debt Levy Increase for Capital 2018 - 2021</b>					
<b>Sources of Funding (Net)</b> <b>(\$000's)</b>	<b>2017</b> Approved	<b>2018</b> Proposed	<b>2019</b> Forecast	<b>2020</b> Forecast	<b>2021</b> Forecast
<b><u>Sustainable</u></b>					
Contribution from Operating	50,864	<b>68,034</b>	63,229	68,290	71,609
Hydro Dividends	3,000	<b>5,500</b>	2,000	2,000	2,000
Hydro Dividends - Poverty reduction	-	<b>3,000</b>	3,000	3,000	3,000
Future Fund - Poverty Reduction	-	<b>8,000</b>	4,000	4,000	4,000
Federal Gas Tax	31,616	<b>32,176</b>	33,122	33,122	33,122
Previous Yrs. Capital Financing Surplus	2,000	<b>4,000</b>	5,000	2,000	2,000
<b>Sub-total</b>	<b>87,480</b>	<b>120,710</b>	<b>110,351</b>	<b>112,412</b>	<b>115,731</b>
<b><u>Non-Sustainable</u></b>					
Unallocated Capital Reserve	950	-	-	-	-
HRPI Dividend	250	-	-	-	-
WIP Funding Interest	500	<b>250</b>	-	-	-
Sale of Assets	6,600	-	-	-	-
Roads WIP / Tender Surplus Funding	1,590	<b>1,500</b>	-	-	-
<b>Sub-total</b>	<b>9,890</b>	<b>1,750</b>	<b>-</b>	<b>-</b>	<b>-</b>
External Debt	63,356	<b>12,393</b>	26,459	27,067	23,137
<b>Total Funding (Net)</b>	<b>160,726</b>	<b>134,853</b>	<b>136,810</b>	<b>139,479</b>	<b>138,868</b>
<b>Net Capital Funding (\$000's)</b>					
	<b>2017</b> Approved	<b>2018</b> Proposed	<b>2019</b> Forecast	<b>2020</b> Forecast	<b>2021</b> Forecast
<b>Roads / Bridges / Sidewalk / Street Lighting / Traffic</b>	55,019	<b>55,202</b>	56,202	58,450	58,450
<b>Corporate Facilities</b>	4,450	<b>4,507</b>	4,583	4,583	18,635
<b>Recreation Facilities</b>	8,620	<b>4,624</b>	4,580	4,580	4,580
<b>Entertainment Facilities</b>	800	<b>1,300</b>	800	800	800
<b>Park Development (New/Expansion)</b>	3,018	<b>3,241</b>	3,241	3,241	3,241
<b>Park's Operations</b>	1,138	<b>1,138</b>	1,138	1,138	1,138
<b>Forestry &amp; Horticulture</b>	1,345	<b>1,345</b>	1,345	1,345	1,345
<b>Waste Management</b>	7,862	<b>4,556</b>	3,468	13,937	22,298
<b>Downtowns &amp; Commercial Districts</b>	2,210	<b>2,210</b>	2,210	2,210	2,210
<b>Cultural Facilities</b>	1,852	<b>1,702</b>	1,702	1,702	1,702
<b>Long Term Care Facilities</b>	500	<b>500</b>	500	500	500
<b>Housing Services</b>	500	<b>11,000</b>	7,500	7,500	7,500
<b>Block Funding Total</b>	<b>87,314</b>	<b>91,325</b>	<b>87,269</b>	<b>99,986</b>	<b>122,399</b>
<b><u>Major Capital Initiatives</u></b>					
West Harbour Development	27,235	24,280	10,160	4,520	11,010
Ash Borer	2,600	2,600	2,600	2,600	2,600
Randle Reef	300	375	375	375	375
Fire / Paramedic Services	650	580	1,000	1,000	1,000
Community Services - Other	167	-	90	90	90
Public Health	92	-	70	70	70
Corporate Services	-	115	90	90	90
City Manager/Human Resources	1,040	368	-	-	-
Information Technology	500	500	500	500	500
Planning / Development	1,053	130	130	130	130
Economic Development Initiatives	-	-	1,000	2,000	2,000
Parkland Acquisition	-	-	1,500	1,500	1,500
Transit	33,027	4,820	30,159	30,767	12,785
DC exemptions	3,000	5,000	6,000	6,000	6,000
<b><u>Boards &amp; Agencies</u></b>					
CityHousing Hamilton	500	500	500	500	500
Hamilton Conservation Authority	2,000	2,000	2,000	2,000	2,000
Library	1,136	2,260	-	-	-
Police Services	-	-	9,400	1,330	-
<b>Subtotal - Boards &amp; Agencies</b>	<b>3,636</b>	<b>4,760</b>	<b>11,900</b>	<b>3,830</b>	<b>2,500</b>
Unallocated - Surplus(Shortfall)	112	-	(16,033)	(13,979)	(24,181)
<b>Total Expenditures (Net)</b>	<b>160,726</b>	<b>134,853</b>	<b>136,810</b>	<b>139,479</b>	<b>138,868</b>

**7.0 2018 – 2027 TAX SUPPORTED CAPITAL FORECAST**

The following 15-year Capital Budget graph and corresponding forecast Tables are based on staff’s recommended annual 0.5% tax increase for the Regular Capital Program and an additional property tax increase to cover the debt charges associated with the City’s share of the PTIF Program. This would include incremental increases of 0.40% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021. Over a 4-year period, this plan would add \$42 M more in regular capital funding in addition to funding \$168 M in new Transit Capital.



The City’s declining capital affordability is due to:

- a) Decreased Capital Funding capacity due to major capital project debt commitments (refer to Table 14).
- b) Aging Infrastructure.
- c) A reduced amount of property tax revenue (proportionate) dedicated to capital (Table 9).

Past expenditures on the major projects listed below make up a significant portion (\$19 M) of the \$29 M debt charge component of the 2018 Capital Levy. This is of particular importance in that there are significant future proposed projects (10-year Transit Strategy, West Harbour, park development) which may significantly add to the debt charge component of the Tax Supported Capital Levy.

Table 14

MAJOR PROJECTS (\$ Millions)	<u>2017 &amp; Prior</u>						
	<u>Debt only</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Red Hill Valley Project	36.5						36.5
City Hall	11.2						11.2
Waste Management	20.4	1.7					24.7
Lister Block	22.1						22.1
POA	7.7						7.7
Police Turner Park / Forensic Building	16.9	1.3					18.2
Pan Am Stadium	7.8						7.8
10-year Transit Strategy	28.2		26.4	27.0	9.0	5.3	95.9
West Harbour	41.9	6.0					47.9
<b>Total</b>	<b>192.7</b>	<b>9.0</b>	<b>26.4</b>	<b>27.0</b>	<b>9.0</b>	<b>5.3</b>	<b>272.0</b>
Debt Charges on above projects (funded from Tax Levy)		28.6	35.7	48.4	50.6	54.7	218.0

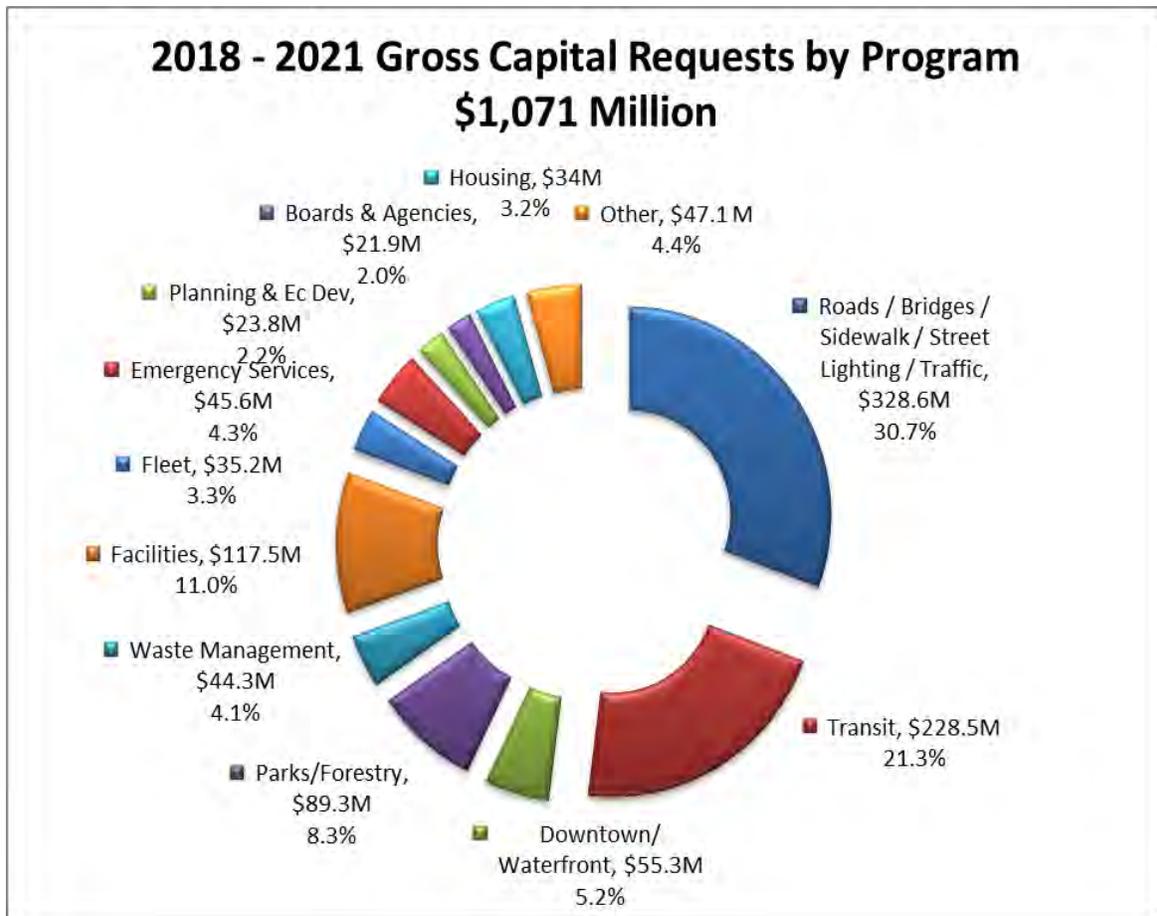
Inflationary pressures of capital expenditures relative to the inflationary capacity of property tax increases are illustrated in Table 15. Over the last 5-years the trend is that both variables have been relatively stable and equal.

Table 15

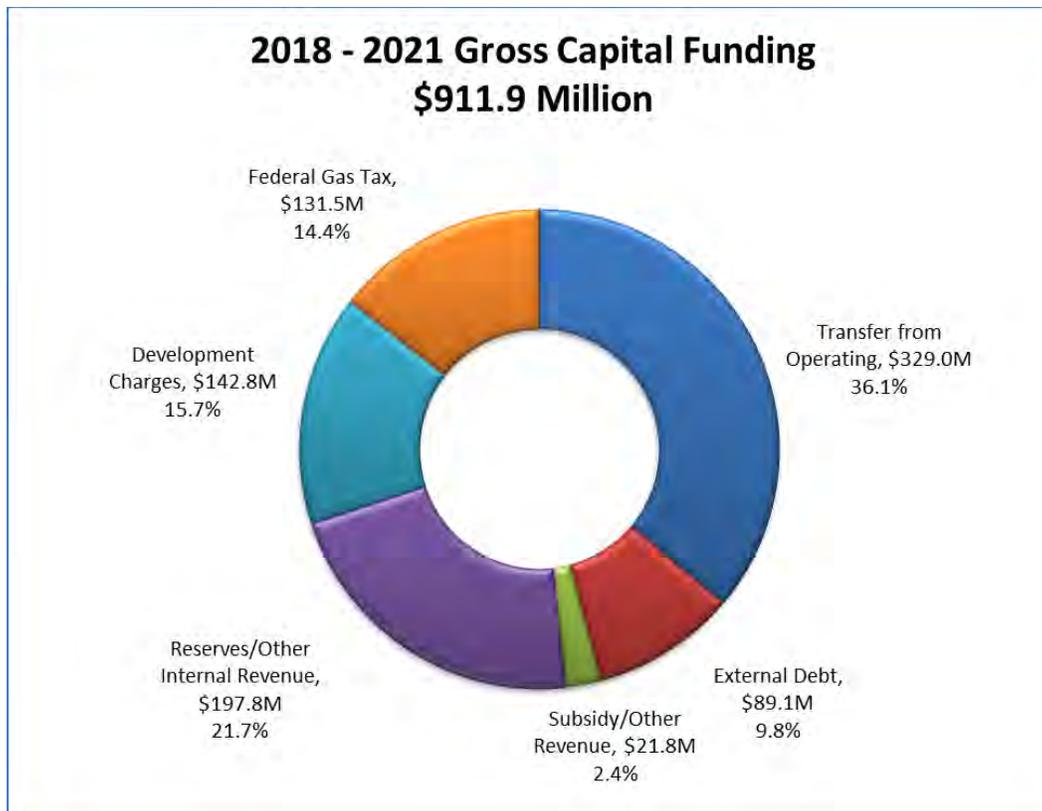
Inflationary Pressures on Capital Expenditures - (%)									
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Non-Residential Building Construction Price Index	-1.93	-0.07	4.07	2.23	0.4	1.38	1.82	2.93	2.54*
Property Tax Increase	1.7	2.0	0.8	0.9	1.9	1.5	2.7	1.7	2.1

\* forecast

The following two pie charts illustrate the City’s 10-year Tax Supported Capital Forecast by program and the 10-year forecast of the sources of funding.



As has been the case in previous years, a rationing problem exists in the City’s capital financing plan. Table 16 illustrates that submitted capital projects for the next 4 years total approximately \$1.07 B while the 2018 - 2021 capital forecast can only support \$0.91 B in new capital projects. This leaves the City with an approximate \$175 M funding gap. However, over the last 3-years, City Capital Program staff have, for the most, part limited their Capital requests to predetermined “block funding” levels knowing that any additional requests would not be considered. The funding gap would be much greater if sufficient funding were available to tackle the \$3.5 B accumulated infrastructure deficit.



While Table 16 illustrates the funding gap between Tax Supported Capital submitted and funding available, the amount of capital submitted by staff would be much greater if additional funding were available to tackle the \$195 M annual infrastructure deficit.

**Table 16**

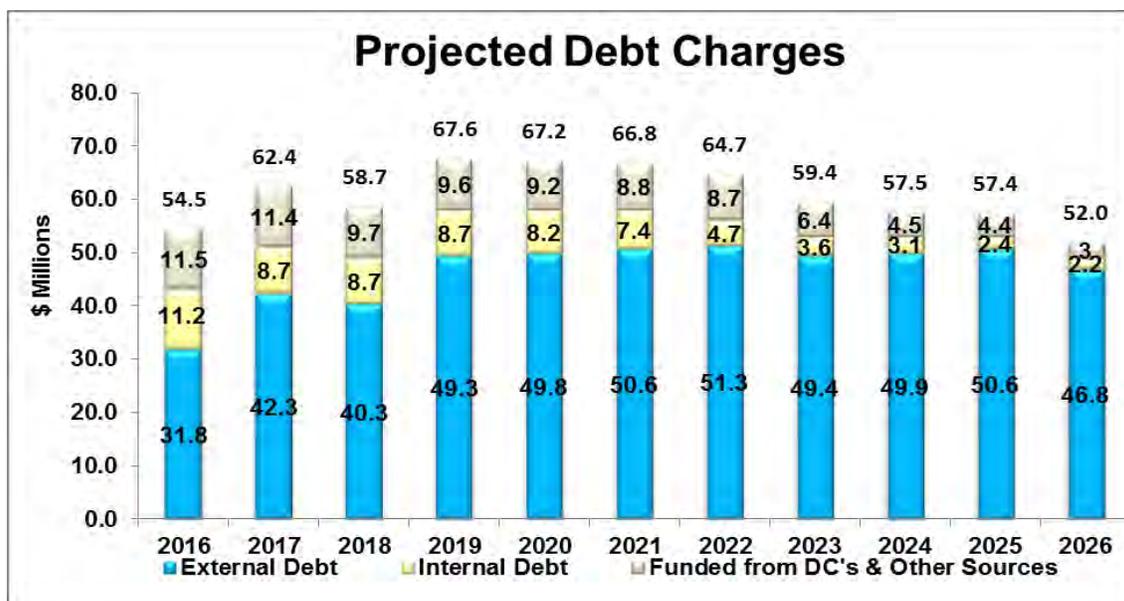
2018 -2021 CAPITAL FORECAST						
PROJECTED GROSS CAPITAL & FUNDING SOURCES						
SOURCES OF FUNDING	2017	2018	2019	2020	2021	4 YEAR TOTAL
SUBSIDY / OTHER REVENUE	38,983	13,944	895	4,800	2,100	21,739
RESERVES / OTHER INTERNAL	61,653	67,823	51,950	40,459	37,526	197,758
DEVELOPMENT CHARGES	28,042	19,601	49,202	40,792	33,169	142,764
FEDERAL GAS TAX	31,616	32,176	33,122	33,122	33,122	131,542
TRANSFER FROM OPERATING	65,754	90,284	77,094	79,155	82,475	329,008
EXTERNAL DEBT	63,356	12,393	26,459	27,067	23,137	89,056
<b>TOTAL CAPITAL FINANCING AVAILABLE</b>	<b>289,404</b>	<b>236,221</b>	<b>238,722</b>	<b>225,395</b>	<b>211,529</b>	<b>911,867</b>
TOTAL CAPITAL SUBMITTED	309,631	252,134	314,500	269,017	251,616	1,087,267
(UNAFFORDABLE)/SURPLUS	(20,227)	(15,913)	(75,778)	(43,622)	(40,087)	(175,400)

**8.0 TAX SUPPORTED DEBT AND DEBT FORECAST**

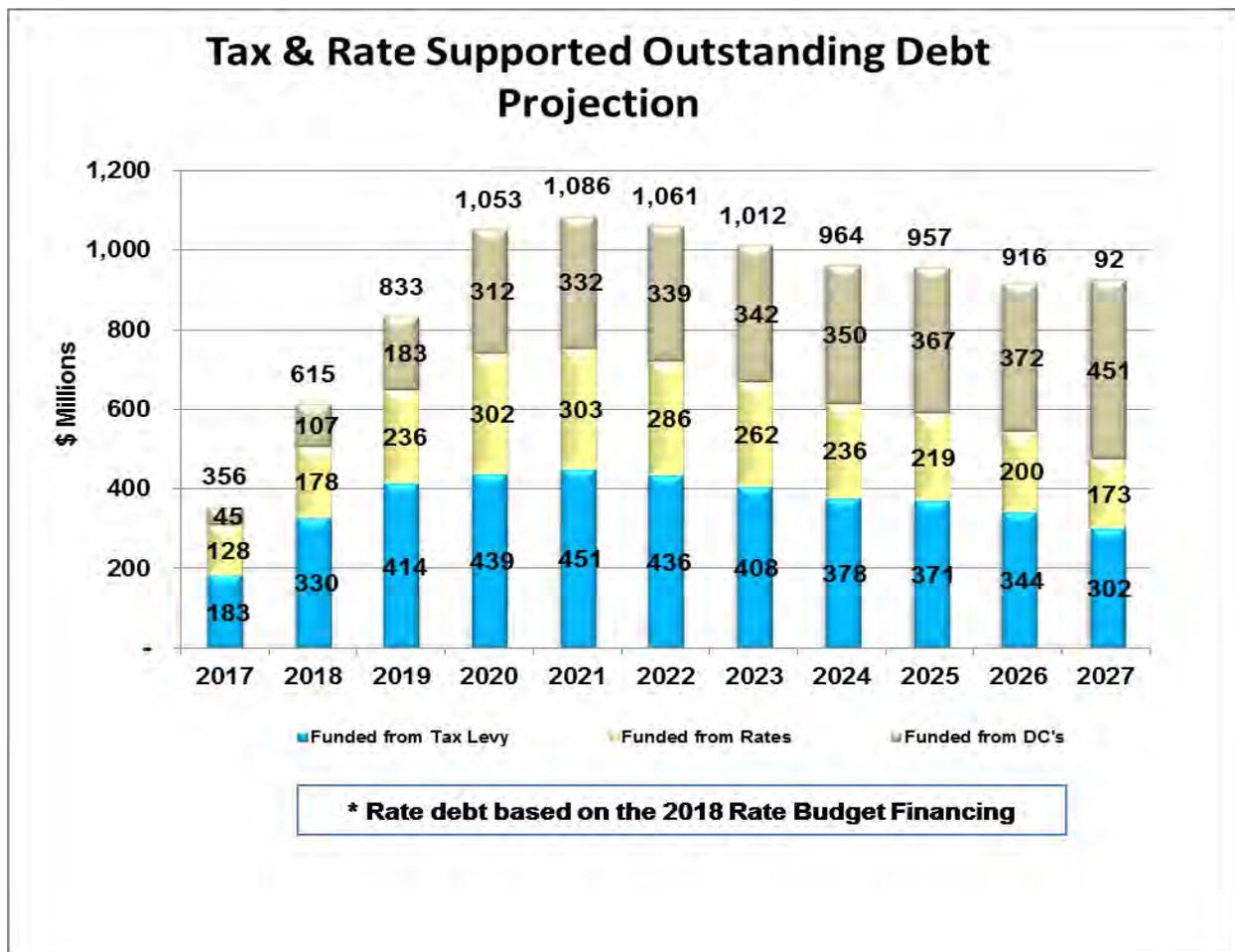
In the proposed 2018-2027 10-year financing plan, tax supported budgeted external - debt levels peak in 2021 at \$471 M. This is the debt level which most concerns bond-rating agencies (refer to Table 17 and corresponding debt charge graph). Table 17 and the following debt graphs provide the projected actual tax supported debt forecast, debt levels and debt charge amounts. The actual debt forecast takes into account the many reasons that debt issuance may be delayed (Capital projects require a longer EA process, etc.). The City will only issue debt as capital expenditures occur. In the latter end of the 10-year debt forecast, the City is still issuing debt for previous period Capital and that is why the actual debt is greater than the budgeted debt. Credit Rating Agencies are most focused on the level of external debt in assessing investor risk, as opposed to internal debt.

**Table 17**

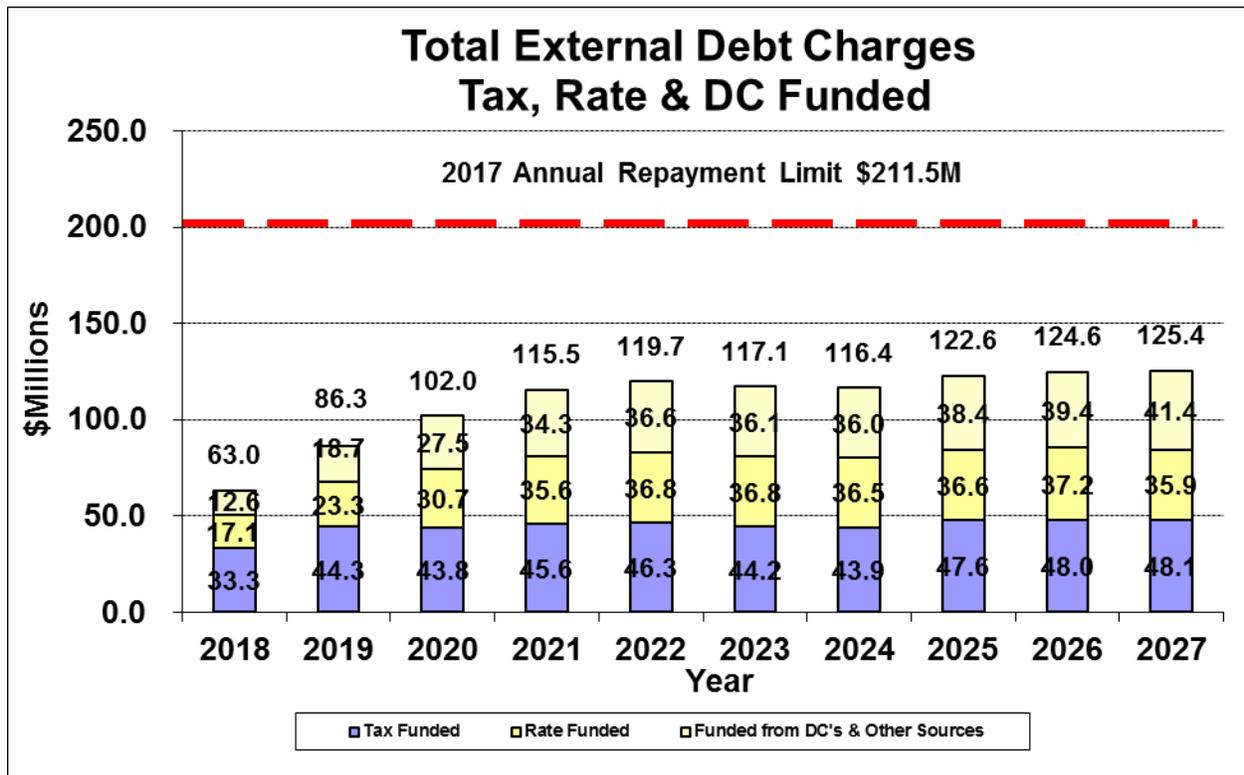
<b>TAX SUPPORTED EXTERNAL DEBT FORECAST</b>											
(\$Millions)	Balance as of December 31st										
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>2018 - 2027 FINANCING PLAN</b>											
TAX SUPPORTED	183	330	414	439	451	436	408	378	371	344	302
FUNDED FROM DC's	44	38	32	26	20	14	9	6	3	2	-
<b>TOTAL BUDGETED DEBT</b>	<b>227</b>	<b>368</b>	<b>446</b>	<b>465</b>	<b>471</b>	<b>450</b>	<b>417</b>	<b>384</b>	<b>374</b>	<b>346</b>	<b>302</b>
<b>PROJECTED ACTUAL</b>	<b>227</b>	<b>276</b>	<b>335</b>	<b>349</b>	<b>353</b>	<b>338</b>	<b>313</b>	<b>288</b>	<b>281</b>	<b>260</b>	<b>227</b>
<b>2017 - 2026 FINANCING PLAN</b>											
TAX SUPPORTED	349	387	433	410	386	362	341	319	288	259	
FUNDED FROM DC's	44	38	32	26	20	14	9	6	3	2	
<b>TOTAL BUDGETED DEBT</b>	<b>393</b>	<b>425</b>	<b>465</b>	<b>436</b>	<b>406</b>	<b>376</b>	<b>350</b>	<b>325</b>	<b>291</b>	<b>261</b>	



The graph below is a 10-year forecast of total Debt for the City of Hamilton. That is debt associated with the Tax Supported Capital and the debt which funds a portion of the Rate Capital Budget (Water, Wastewater and Stormwater). The graph shows that a significant portion of total debt is comprised of debt for growth infrastructure. It includes infrastructure such as the rehabilitation/expansion of the wastewater plant of approximately \$261.3 M in two phases (2017-2023 of \$23.8 M and beyond 2023 of \$237.5 M), major sewer and water trunks and roads benefiting development. The WWTP expansion forecasted beyond 2023 is projected to be 100% DC Debt funded. Staff monitor this forecast very closely and have to date managed to defer a significant portion of the work as development has lagged behind previous forecasts. Staff will continue to monitor the forecast and minimize any risks associated with growth revenues not being able to sustain the forecast debt levels.



The following graph compares the total forecast City debt charges for the 10-year Capital Plan (rate and tax supported) against the Province's 2017 debt repayment limit. The repayment limit is a calculation which takes into account the City's ability to pay the debt charges from available revenues. While this graph shows the City's debt charges rising, staff will monitor the City's ability to pay, especially as it pertains to development charges. Staff will minimize the risk associated with DC debt by ensuring that any growth-related debt principal and interest are forecasted to be covered by future growth projections.



The following table provides a comparison of the City of Hamilton's debt levels to other municipalities. The debt data used in the comparisons is the same data used by the Province to calculate the municipalities Annual Repayment Limit (ARL) i.e. Percent of total debt charges to municipalities own revenues, which provides an indication of the municipalities' ability to meet its financial obligations. The maximum ARL allowed by the Province is debt charges up to a maximum of 25% of the municipalities own revenues. This would translate to support an outstanding debt amount of \$2.2 B versus our current peak forecast of \$1.09 B. Hamilton's current debt is well below the allowable provincial limit.

Hamilton's percent of debt charges to own revenues is 4.7% compared to the average of 7.6% for all municipalities included in the comparison. The ARL comparators range from 2.1% (City of Cambridge) to 17.5% (York Region). It should be noted the debt obligations and the associated debt charges presented in the table include debt obligations pertaining to City Housing Hamilton. The City's debt charges to own revenues in the peak debt forecast period would increase to approximately 9.5% in 2027.

**Debt Comparators**

Based on 2016 FIR's

	Hamilton	London	Ottawa	Brantford	Halton Region	Burlington	Waterloo Region	Waterloo	Cambridge	Niagara Region	St. Catharines	York Region	Toronto
Debt per capita (1)	\$ 847	\$ 856	\$ 2,121	\$ 624	\$ 629	\$ 1,166	\$ 1,161	\$ 1,621	\$ 1,356	\$ 708	\$ 1,497	\$ 2,850	\$ 1,888
Debt per household (1)	\$ 2,121	\$ 1,873	\$ 5,014	\$ 1,498	\$ 1,703	\$ 3,017	\$ 3,236	\$ 4,689	\$ 3,767	\$ 1,621	\$ 3,469	\$ 9,195	\$ 4,635
Credit Rating (2)	AA+	AAA	AA	AA	AAA	NR	AAA	NR	NR	AA	NR	AA+	AA
Total Own Revenues (Net) (per ARL Calculation)	\$M 1,313.6	878.1	2,617.8	236.2	690.7	210.8	719.4	151.2	162.7	585.3	164.1	1,554.3	9,244.8
Total Debt & LT Liabilities (Incl. Housing)	\$M 472.8	328.5	2,053.9	60.8	350.0	94.1	677.2	63.5	26.2	316.9	105.1	3,383.1	5,430.9
% to own revenues	36.0%	37.4%	78.5%	25.7%	50.7%	69.5%	94.1%	42.0%	16.1%	54.1%	64.0%	217.7%	58.7%
Total Debt Charges (Incl. Lease & LT Commitment Payments)	\$M 61.1	67.1	202.5	5.3	47.1	17.2	68.8	7.5	3.4	39.1	14.0	272.3	802.3
% to own revenues	4.7%	7.6%	7.7%	2.2%	6.8%	8.2%	9.6%	5.0%	2.1%	6.7%	8.5%	17.5%	8.7%
Annual Repayment Limit (ARL) = 25% of Total Own Revenues above													

**9.0 AREA RATING SPECIAL CAPITAL RE-INVESTMENT RESERVES**

At the April 14, 2011 Council meeting, amendments to the area rating methodology, constituting an “Urban/Rural” model of area rating, were approved. As a result, a tax shift was initiated resulting in the establishment of 8 reserves for the former City of Hamilton wards to address the infrastructure deficit within the respective wards. Wards 1 to 8 have \$1.68 M allocated annually to address ward specific infrastructure and capital. Table 18 forecasts the expected ending balance of each ward reserve based on current expenditures and commitments. Amounts will be reduced as future projects and initiatives are identified to be funded from the reserves.

**Table 18**

Wards 1 to 8 Area Rating Special Capital Re-Investment Reserves Forecast Closing Balances (\$ 000's)				
Reserve	Ward	2017	2018	2019
108051	Ward 1	241	1,844	3,486
108052	Ward 2	1,581	2,457	4,114
108053	Ward 3	3,499	5,160	6,881
108054	Ward 4	2,178	1,881	3,443
108055	Ward 5	448	1,004	2,625
108056	Ward 6	766	550	2,161
108057	Ward 7	3,059	3,212	4,887
108058	Ward 8	476	810	2,427

## **10.0 HOUSING SERVICES**

On December 13, 2013, Hamilton City Council approved the City's 10-year Housing and Homelessness Action Plan ("Action Plan"). The Action Plan is a solution-focused, person-centred plan that guides decision making on how Hamilton addresses affordable housing and homelessness. The Action Plan includes five broad outcome areas (supply, affordability, supports, quality, equity). There are 16 targets supported by 54 specific strategies. Many of these strategies are being implemented although, in some cases, achieving the established targets and outcomes will require additional funding.

Environmental factors have changed since Council approved the Action Plan in 2013. In the past, Hamilton experienced lower rents than neighbouring communities in the Greater Toronto-Hamilton Area. However, there are trends developing in Hamilton's rental market which show that affordability is eroding at a rapid pace. In 2012, the average rent in Hamilton was \$757 per month and the vacancy rate was 4.1%.<sup>1</sup> In 2016, the average market rent (AMR) for all units in Hamilton increased to \$900 per month. This equates to an average annual increase of 3.8%, a pace almost doubling the rate of inflation. Some areas of the city have seen rents increase at an even faster rate; in East Hamilton, where rents have traditionally been some of the most affordable, rents have increased by an average of 6.3% per year bringing the AMR up from \$724 per month in 2012 to \$953 per month in 2016.<sup>2</sup> This means the average East Hamilton renter household is now paying \$229 per month more on rent than they were only 5 years ago. These increases far exceed average increases in household income over the same time period. Vacancy rates remain high at 4.5%; however, it is anticipated that the 2017 data will confirm a continued upward pressure on average rents and a downward trend in vacancy rates. Currently, 45% of rental households in Hamilton are paying more than 30% of income on rent.<sup>3</sup> It is becoming increasingly difficult to find affordable housing in Hamilton and will result in an increase in the number of households on the City's social housing waitlist.

### 2017 Housing Investments

#### *Poverty Reduction Investment Plan*

In September 2017 City Council approved the Poverty Reduction Investment Plan (Report CES16043(a)). This plan will invest \$50 M from 2017-2027 in the community, allocating \$20 M to address capital repairs and regeneration in the current social housing stock, \$20 M toward new affordable rental housing development, and \$10 M towards Indigenous poverty reduction. This plan is funded by \$20 M derived from the Hamilton Future Fund Reserve with cash flow of \$4 M per year starting in 2017, and \$30 M at \$3 M per year for 10 year from 2018 to 2027 from the dividend uplift to the City from the Horizon Utilities Corporation merger.

#### *Social Housing Apartment Improvement Program (SHAIP)*

On October 6, 2017, the Minister of Housing announced that Hamilton will receive funding under the Social Housing Apartment Improvement Program (SHAIP) for repairs and retrofits to

<sup>1</sup> Canada Mortgage and Housing Corporation, (2012). Rental Market Report

<sup>2</sup> Canada Mortgage and Housing Corporation, (2016). Rental Market Report

<sup>3</sup> Statistics Canada, 2016 Census of Population, Housing Data, Statistics Canada Catalogue no. 98-400-X2016225.

social housing across the province in order to improve living conditions and fight climate change. This investment is part of Ontario's Climate Change Action Plan and is funded by proceeds from the province's carbon market. Proceeds from the carbon market must, by law, be invested in programs that reduce greenhouse gas emissions and save money on energy costs. The program will run from 2017 – 2021, in year one the focus was to fund eligible greenhouse gas reduction retrofits in social housing apartment buildings of 150 units or more, where in years two through four will fund eligible retrofits in social housing apartments buildings of 100 units or more. Funding amounts will be based on future carbon market proceeds, in which the City of Hamilton is conditionally allocated up to \$29 M over the five years.

### **Social Housing Capital Repairs and Regeneration**

Under the *Housing Services Act, 2011*, the City, as Service Manager for social housing is responsible to maintain prescribed service level standards by providing funding and oversight to all social housing providers. The City has the ultimate responsibility for all social housing projects in the City in the case of default or project difficulty.

There are approximately 14,000 social housing units in the City accommodating approximately 30,000 people. Nearly half of the units are managed by the City-owned social housing provider, CityHousing Hamilton (CHH). The rest are managed by other non-profit social housing providers. In 2017, the City subsidized social housing costs in the approximate amount of \$67 M with \$46 M funded from the levy supported operating budget and \$21 M funded through Federal government sources.

As of January 1, 2017, there were approximately 5,964 households waiting for rent-g geared-to-income housing in Hamilton. This represents an increase of approximately 5% from September, 2015. The Action Plan targets a 50% reduction in the number of households waiting for rent-g geared-to-income housing by 2023.

The Action Plan strategy 4.1 calls for adequately funded capital reserves for social housing based on building condition assessments. Most of the social housing stock in Hamilton was constructed between the 1950s and the mid-1990s. In 2001, when the Province transferred the responsibility for administration and funding of social housing to municipalities, it transferred a capital reserve of \$3.7 M and a shortfall of approximately \$135 M, based on City funded building condition assessments and reserve fund studies undertaken at the time. Capital repair liabilities are growing faster than the ability to increase social housing providers' capital reserves, putting additional pressure on the City.

The federal and provincial governments have provided intermittent capital repair funding. From 2009-2010 and 2010-2011, the Social Housing Renovation and Retrofit Program (SHRRP), a funding component of the Canada-Ontario Affordable Housing Program, allocated \$33.7 M to the City for the repair and regeneration of eligible social housing projects. The program did not address the full backlog of capital repair projects existing at that time and the SHRRP was not continued under the subsequent Investment in Affordable Housing program.

On June 21, 2016, the federal government announced new funding for social housing capital repairs through the Social Housing Improvement Program (SHIP), a component of 2016 Social Infrastructure Fund. Through SHIP, Hamilton was allocated \$11,597,400 to fund and support capital repairs in Hamilton's social housing stock. The Program guidelines require that the funding be made available to eligible social housing providers to fund and support capital repairs in Hamilton's social housing stock. In accordance with the guidelines, the Housing Services Division released a call for applications to social housing providers in July 2016 to determine funding requirements for capital projects that meet Program guidelines in terms of scope and timelines.

Social housing providers were required to submit applications for projects that are prioritized based on any completed building condition assessments. Staff received requests for project funding totalling almost \$40 M, in which 49 projects were approved for funding.

Without an additional source of funding, most social housing providers will have no options to deal with the cost of unanticipated capital and emergency repairs that cannot be addressed within the current funding opportunities. The City has the Social Housing Capital Reserve Fund to assist social housing providers with the cost of capital and emergency repairs but this fund is insufficient to meet current and projected demands. As of September 30, 2017, the Social Housing Capital Reserve Fund had an approximate balance of \$781,000.

Capital projects identified in completed building condition assessments are tracked for all social housing providers, except CityHousing Hamilton, in a databased called Asset Planner. CityHousing Hamilton uses a separate process for monitoring its capital repair needs. While there are still some building condition assessments being updated and completed, the current data project required capital repairs totalling nearly \$400M over the next 20 years. Asset Planner provides detailed analysis to support social housing providers with capital work planning and assists the City, as Service Manager, in prioritizing funding allocation for capital repair projects. Projects are assigned priority scores based on five criteria: legislative requirements, tenant impact, urgency of action, savings potential, and component condition. At present, there are almost 1000 capital repair projects in the Asset Planner database based on completed building condition assessments. There are 20 capital repair projects rated as "high priority" in the Asset Planner with an estimated cost of approximately \$10.4M. Only a portion of these identified high priority capital repairs can be addressed with the current available SHIP or SHARP funding. The building condition assessments will be updated to capture any repairs.

Projects will be reviewed and considered for funding from the 2018 tax supported capital funding for social housing repairs and regeneration following a review of the updated building condition assessments and capital reserve fund studies. Projects will be prioritized and recommended for funding based on the severity of health and safety concerns, the ability of the housing provider to access other funding (e.g. reserves) and the restoration of vacant units (which also adds pressure to levy supported operating subsidies).

## **11.0 GROWTH / ASSESSMENT CAPITAL**

Hamilton's proportion of residential to non-residential assessment is approximately 87%-13% and is below the average of similar municipalities which have a non-residential assessment of approximately 17.2%. Commercial and industrial properties have a tax ratio higher than that of the residential class (2-4 times) and therefore growing the non-residential assessment base has not only benefits the City in terms of financial sustainability but also on job creation, improved socio-economic conditions and also provides the foundation for a community with a balanced live-work lifestyle.

### **Development Charges – Growth Planning and Financial Sustainability**

As the City of Hamilton moves forward with its growth infrastructure plans, current policies must sustain the "Places to Grow" (PTG) growth patterns. The City's 2014 Development Charge (DC) By-law was based on 2006 Provincial forecasts which projected Hamilton's population to 660,000 by 2031.

On May 18, 2017, the Province released the updated Growth Plan for the Greater Golden Horseshoe. The amendment builds on the amendments made in 2013 which increased the 2031 population forecast to 680,000 and identified the 2041 population forecast to be 780,000. In addition, the Province is preparing a land budget methodology to be used by all municipalities. It will identify a specific methodology to allocate the 2041 employment and population forecasts based on the Growth Plan targets. The land budget methodology is expected to be released by the end of 2017

The City is awaiting the land budget methodology and will incorporate the methodology in completing its land budget to accommodate population and employment growth to the year 2041. The land budget will identify how much additional land is required to be added to the urban boundary to accommodate the 2041 growth. Through GRIDS 2, the City will identify the preferred growth option to accommodate this additional land need. This preferred growth option will inform the infrastructure masterplan updates.

To date, the City is falling short of the 2006 PTG projections used in the 2014 DC Background Study. To illustrate, the 2006 PTG had forecast that the City's population would reach approximately 565,000 by 2016 (linear assumption based on 540,000 by 2011 and 590,000 by 2021), yet the 2016 census shows that the City's population had only reached 537,000 (558,000 if adjusted for an undercoverage estimate of 4%; Statistics Canada will release net undercoverage rate in 2018).

Since the City is not experiencing growth at the rate that the infrastructure masterplans were planning for, the City has not collected enough DC revenues to fund the infrastructure according to the timelines considered in the plans.

In order to balance the growth revenue shortfalls with infrastructure requirements, the City has prioritized its growth infrastructure in a "Staging of Development Report". The Staging of Development Report is an important tool to guide growth in an orderly manner by balancing the infrastructure needs with the costs of extending new servicing, co-ordinate growth infrastructure with development approvals and guides the pace of growth across the City. This

program, which encompasses a financing strategy of limiting DC reserve exposure and debt financing of growth projects, will ensure that the City’s overall DC reserve balance is sustainable and that growth projects proceed in a thought out and systematic order.

The growth shortfall is not the only challenge around the financing of growth infrastructure. The City’s DC By-law provides for a number of Council directed exemptions. These exemptions, such as reduced non-residential rates and a reduction for properties located within the Downtown Community Improvement Project Area, are provided with the goal of acting as development incentives. The amounts exempted must be recouped through the tax and rate budgets and current funding levels are not sufficient to cover all the exemptions.

Tables 19 and 20 illustrate the development shortfalls in residential and non-residential growth and City forecasts going forward.

**Table 19**

<b>Average Single Detached Unit Equivalent Construction City Versus Provincial Forecast (Places to Grow)</b>				
	2017	2018	2019-2031	Total 2019-2031
City (Staff Budget) <sup>[1]</sup>	1,750	1,750	2,269	29,500
Places To Grow (2006)	2,566	2,566	2,567	33,371
Shortfall	816	816	298	3,871
<b>Average Square Footage Non-Residential Construction, City versus Provincial Forecast (Places to Grow)</b>				
	2017	2018	2019-2031	Total 2019-2031
City (Staff Budget) <sup>[1]</sup>	950,000	950,000	950,000	12,350,000
Places To Grow (2006)	2,048,700	2,048,700	2,048,700	34,827,900
Shortfall	1,098,700	1,098,700	1,098,700	22,477,900

[1] Note that staff budget figures may update annually based on available forecast data and reflect the constraints in place when planning future Capital requests

**Table 20**

<b>City of Hamilton Development Activity</b>		
Year	Single-Detached Unit Equivalent	Non-Residential (Sq.Ft.)
2012	2,027	1,416,744
2013	1,513	1,025,991
2014	1,935	781,180
2015	1,711	564,569
2016	1,739	1,120,725
5-year Average	1,785	981,842
2017 Projection	1,750	950,000
2018 Projection	1,750	950,000
2019 Projection	1,900	950,000

Table 21 summarizes the Capital Projects included in the 2018 Tax and Rates Capital Budget that are required to service growth. Note that while underground servicing is typically required pre-growth, the soft services projects are typically not justifiable until most or all of the anticipated growth has occurred.

**Table 21**

<b>Tax &amp; Rate Growth Projects 2018 (\$000's)</b> <b>(Funded in Whole or in Part by DCs)</b>	Gross	Net
2019 Development Charges' Bylaw Studies	650	65
Waterdown - Burlington Road Upgrades	5,380	0
Rymal W - Garth to West 5th	5,770	3,760
Baseline - Access Road	500	0
Fleet Additions - Roads O&M	300	107
Development Road Urbanization	500	24
McClure - Garner Road to approximately 200m northerly	110	0
Dickenson Road Class EA (Upper James to Southcote) (AEGD)	440	60
City Share of Servicing Costs under Subdivision Agreements	3,000	0
William Connell Community Park	250	25
Equipment Acquisition (DC) Program	247	0
Parkside Hills	458	46
Highbury Meadows North Park (Proposed)	80	8
Bookjans West Proposed Park (25T 200725) - Ancaster Glen	70	7
Spencer Creek Estates (14)	60	6
Caterini Park (Binbrook)	610	61
New Traffic Signal - Dundas @ Riverwalk	250	13
New Traffic Signal - Dundas @ Spring Creek	250	13
Upper Mount Albion - Highland to approximately 410m S	400	0
PD18 (Ancaster) Elevated Reservoir (W-14) (CASH FLOWED)	60	30
PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	550	0
PD11 (Governor's Road) Watermain Extension (W-05)	580	0
Freelton Well (FDF01) Capacity Increase	1,100	78
Greenhill PS HD04B & HD05A Upgrades (W-28) (CASH FLOWED)	7,550	2,038
PD16 (Waterdown) Trunk Feedermain - PS HD016 to Hwy 5 at Algonquin (W-25) (CASH FLOWED)	440	110
Woodward WWTP - Clean Harbour (CASH FLOWED)	76,062	3,266
Woodward WWTP - Biosolids Management Facility	5,200	630
Highland Rd - Winterberry to Upper Mount Albion	90	0
Binbrook PS Upgrade (WW-20)	3,640	0
First Street (Waterdown Sanitary) PS Upgrade DC014	1,930	1,345
Upper Mount Albion - Highland to Rymal	800	405
Highland - Upper Mount Albion to Easement	450	0
Storm Water Management Program	4,000	0
Lewis Rd Culvert - approximately 200m n/o Barton	460	0
Borer's Creek Channel and Culvert (Parkside Hills Ph 2)	1,160	0
Waterdown Memorial Park Ice Loop	380	0
Parkdale Outdoor Pool Redevelopment	1,000	802
William Connell Park Washroom Facility	700	70
Public Use Feasibility Needs & Study	150	42
Domenic Agostino Riverdale Community Centre - Expansion	500	50
Valley Park Library Expansion	4,999	1,767
New Library - Greensville	1,345	493
<b>Sub-Total DC Funded</b>	<b>132,471</b>	<b>15,321</b>

The total amount of budgeted Development Charge revenue required for the 2018 Tax Capital Budget is \$19.6 M and for the Rate Capital Budget is \$25.5 M. Annual Development Charge revenues for 2018 are forecasted at approximately \$80 M (\$17.7 M is required to service debt). To facilitate the growth, the City requires sizeable investment in up-front infrastructure and must incur considerable debt. The largest portion of this budget is in the Rate Supported Capital Program. This means that a significant part of the 2018 – 2041 growth program will be funded through debt and the debt charges repaid from future DC collections.

Of note, the City of Hamilton has a DC Funding Policy which requires that staff limit the amount of risk regarding the sustainability of the DC reserves. That is, growth projects will only

be included in the proposed capital budget if the sustainability of the reserves is maintained. The impact of this policy is that some projects may be delayed when compared to their timing in the DC Background Study or infrastructure masterplans and debt financing may be required in order to maintain DC Reserve integrity. Staff will minimize the risk by ensuring that any growth-related debt principal and interest will be covered by future DC revenues.

Table 22 illustrates the amount of growth capital budgeted for in 2018. The budgeted expenditures are separated into two categories; one for infrastructure that services industrial development and one for non-industrial development (commercial and residential). In Table 22, there are proposed investments in the amount of \$3.3 M dedicated towards industrial park servicing funded from DC Reserves.

**Table 22**

<b>2018 Capital Budget Growth Capital</b>		<b>DC Funding (000's)</b>
<b>Industrial</b>		
Rate	Upper Mount Albion - Highland to approximately 410m S	400
Rate	PD18 (Ancaster) Elevated Reservoir (W-14) (CASH FLOWED)	30
Rate	PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	550
Rate	Upper Mount Albion - Highland to Rymal	395
Rate	Highland - Upper Mount Albion to Easement	450
Rate	Lewis Rd Culvert - approximately 200m n/o Barton	460
Tax	Baseline - Access Road	500
Tax	McClure - Garner Road to approximately 200m northerly	110
Tax	Dickenson Road Class EA (Upper James to Southcote) (AEGD)	380
<b>Total Industrial Projects</b>		<b>3,275</b>
<b>Non-Industrial</b>		
Rate	Water	7,444
Rate	Wastewater - Linear	10,633
Rate	Storm Water	5,160
Tax	Roads	8,533
Tax	Open Space Development	1,622
Tax	Recreation	1,766
Tax	Other	5,809
<b>Total Non-Industrial Projects</b>		<b>40,967</b>
<b>TOTAL TAX DC BUDGET</b>		<b>18,720</b>
<b>TOTAL RATE DC BUDGET</b>		<b>25,522</b>
<b>TOTAL ALL</b>		<b>44,242</b>

**DEVELOPMENT CHARGE RESERVES**

The overall DC Reserves balance is forecasted to be \$138 M as illustrated in Table 23. This balance reflects PSAB standards and does not account for the DC Project spending that has been approved but not yet incurred or DC funding that is planned to be debt funded but not yet issued. Of note is that while the annual collections are estimated to be slightly more than the budgeted DC funding for the 2017 Capital Program, this excess is not typical and a reliance on debt in addition to direct funding is required to maintain the sustainability of the DC Reserve.

**Table 23**

2017 DC Reserve Forecast (Jan 01 - Dec 31)	Opening Balance (\$000s)	Collections (\$000s)	Payments (\$000s)	Ending Balance (\$000s)
Water	27,547	7,569	(2,189)	32,927
Wastewater Plant	52,180	6,945	(15,560)	43,565
Wastewater Linear	29,252	8,061	(1,387)	35,925
Stormwater	15,808	12,069	(2,180)	25,698
Roads	(1,914)	13,299	(9,587)	1,798
Community Services	5,635	12,952	(11,687)	6,900
Planning-Development	(3,226)	14,537	(19,360)	(8,049)
Parks Development	(2,131)	4,454	(8,263)	(5,940)
Hamilton Emergency Services	271	776	(31)	1,016
Transit	63	699	(623)	139
Waterdown Fees	4,477	624	(932)	4,169
<b>Total</b>	<b>127,961</b>	<b>81,984</b>	<b>(71,798)</b>	<b>138,147</b>

Note that this table excludes developer recoveries which are included in the Development Charge totals in Table 24

## **12.0 RESERVES / RESERVE FUND FINANCING**

The City's Performance Audit Report 2017-01 stated that "Hamilton's Reserve balances on a per capita basis were the second highest in the seven major Canadian Municipalities reviewed". Reserves are a key fiscal management tool used by most large Cities in Canada. Reserves are utilized to respond to uneven and unpredictable revenues and expenditures. Reserves allow for the accumulation of funds over time for future funding of large capital and other one-time expenditures. Unexpected one-time revenues such as grants or surpluses can also be set aside in reserves and used for a specified purpose or held to provide financial resiliency should unexpected events occur. The use of reserves can smooth tax and rate payers' burden, moderating tax and rate increases. Holding adequate reserves contributes to a City's sustainability as it provides a measure of financial flexibility to react to unexpected budget shortfalls or significant unexpected issues or events. A planned approach to the use of reserves is considered good financial management.

Reserves provide flexibility against uncertainties, which inevitably arise in today's changing municipal environment, reducing the risk to taxpayers in the future. The City of Hamilton has reserves totalling approximately \$797 M projected as at December 31, 2017. Table 24 illustrates the City's reserve history for the period 2015 – 2016 and specific reserve projections which fund the Tax Supported Capital program for the next 5 years.

An analysis of Table 24 highlights the following trends:

1. The City's Capital reserves, which fund the City's capital program, decrease from \$297 M in 2016 to a projected balance of \$225 M in 2017. The Capital reserves balances are projected to increase over the next 5 years (2017 – 2021) from \$225 M to \$382 M. The Tax

Supported Capital Reserves remain relatively stable over this period even though the City's Unallocated Capital Reserve is at approximately at 60% of its targeted balance (\$25 M).

2. The total reserve and reserve funds position for the City of Hamilton decreases from \$904 M in 2016 to a forecast of \$823 M in 2021. The decrease in the reserves is due to the following:

- There is a declining balance of the City's Rate Reserves due to required significant capital investments. Based on the funding commitments to date, this group of reserves is expected to reach a low of \$62 M in 2020 from its 2017 projected balance of \$120 M. These balances do not include the dedicated Wastewater Subsidy Reserve or the Meter Replacement Reserve. Staff will carefully monitor all Rate reserves.
- The Subsidy Reserve (Provincial Contribution – WTP Upgrades) declines from 2016 \$116 M to a zero balance in 2021. This is due to the expenditure schedule of the Water Treatment Plant upgrades which requires the Reserve be exhausted by 2021.

**Table 24**

THE CITY OF HAMILTON RESERVE FORECAST 2015 - 2021 ( \$ 000's ) (Dec.31)							
YEAR	Actual Balances December 31		Projected Balances December 31				
	2015	2016	2017	2018	2019	2020	2021
<b><u>CAPITAL RESERVES</u></b>							
DEVELOPMENT CHARGES	131,353	127,959	125,939	161,456	176,221	192,031	198,631
EQUIPMENT REPLACEMENT	13,908	15,309	14,290	16,072	18,133	15,097	16,118
VEHICLE REPLACEMENT	50,640	37,466	24,444	26,475	24,710	25,671	22,323
CAPITAL LEVY RESERVE-UNALLOCATED	32,338	25,006	14,655	14,748	15,243	15,338	15,435
CAPITAL RESERVES - ALLOCATED	24,044	23,345	25,865	34,972	52,619	70,789	88,283
GAS TAX RESERVES	46,455	35,040	9,474	7,607	5,836	3,821	1,545
PARKLAND RESERVES	31,357	32,493	10,530	16,597	24,341	32,278	40,054
<b>TOTAL CAPITAL RESERVES</b>	<b>330,095</b>	<b>296,618</b>	<b>225,197</b>	<b>277,927</b>	<b>317,103</b>	<b>355,026</b>	<b>382,389</b>
<b><u>NON- TAX CAPITAL RESERVES</u></b>							
TAX STABILIZATION	12,135	18,427	17,899	16,767	17,052	17,444	17,845
WORKING FUND RESERVES	83,748	88,811	91,854	93,109	96,213	99,389	102,636
EMPLOYEE BENEFIT / ANCILLARY	98,280	96,671	97,654	99,304	100,980	102,683	104,412
BUILDING PERMIT STABILIZATION RESERVE	17,323	17,671	18,940	18,256	17,378	16,480	15,560
PROGRAM SPECIFIC RESERVES	105,480	99,432	70,694	71,151	73,830	76,231	63,650
RATE RESERVES	237,615	241,494	228,887	201,267	147,240	89,867	67,959
OTHER	2,320	1,297	1,561	1,649	2,245	2,803	3,373
<b>TOTAL NON- TAX CAPITAL RESERVES</b>	<b>556,901</b>	<b>563,803</b>	<b>527,489</b>	<b>501,504</b>	<b>454,939</b>	<b>404,895</b>	<b>375,435</b>
<b>TOTAL RESERVES BEFORE FUTURE FUND</b>	<b>886,996</b>	<b>860,421</b>	<b>752,687</b>	<b>779,431</b>	<b>772,042</b>	<b>759,921</b>	<b>757,824</b>
<b><u>FUTURE FUND RESERVES</u></b>							
HAMILTON FUTURE FUND A	31,959	37,912	39,863	44,900	50,063	55,355	60,206
HAMILTON FUTURE FUND B	5,752	5,167	4,487	4,599	4,714	4,832	4,952
<b>TOTAL FUTURE FUND RESERVES</b>	<b>37,711</b>	<b>43,079</b>	<b>44,350</b>	<b>49,499</b>	<b>54,777</b>	<b>60,187</b>	<b>65,159</b>
<b>TOTAL ALL RESERVES</b>	<b>924,707</b>	<b>903,500</b>	<b>797,036</b>	<b>828,930</b>	<b>826,819</b>	<b>820,108</b>	<b>822,982</b>

Reserve Funds have been established either through legislation or by Council to be used for specific future liabilities. The reserve amounts available to fund tax supported capital in future years will vary depending upon operating transfers, senior level government funding and the financing implications of large, multi-year capital projects. Staff will continually review existing reserve and reserve fund balances and make appropriate recommendations to Council during the annual capital budget process.

**13.0 HAMILTON FUTURE FUNDS**

The funds received from Hamilton Utilities Corp. were initially segregated into two reserve accounts:

Hamilton Future Fund A	\$100,000,000
Hamilton Future Fund B	\$ 37,430,705

For the purposes of this budget report, only Future Fund A will be examined. Council and the HFF Board have approved an internal loan from Fund A to the City in the total amount of \$100 M whose disbursement is tied to annual planned waste management and roads expenditures. Refer to Table 25 for Fund A’s 5-year projected balances. Fund A was established as a permanent fund to be protected and invested for five years; thus providing a permanent source of funding.

**Table 25**

<b>HAMILTON FUTURE FUND A</b>								
<b>(\$ 000's)</b>								
		<b>Actual</b>	<b>Projected</b>					
		<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Opening Asset Value</b>		28,809	35,550	38,758	44,638	50,694	56,417	61,526
<b>Revenues</b>	3.0%							
Investment Income		759	1,022	1,163	1,339	1,521	1,692	1,846
Loan Repayment (P&I) - COH		7,991	8,266	8,717	8,717	8,202	7,417	4,722
Loan Rpymt. (P&I) - Good Shepherd		824	920					
<b>Expenditures</b>								
Loans to Fund Capital - COH		(2,833)	(3,000)					
<b>Poverty Reduction (\$20M)</b>			(4,000)	(4,000)	(4,000)	(4,000)	(4,000)	
<b>Balance (Cash &amp; Investments)</b>		<b>35,550</b>	<b>38,758</b>	<b>44,638</b>	<b>50,694</b>	<b>56,417</b>	<b>61,526</b>	<b>68,094</b>
<b>Outstanding Loans Receivable</b>								
COH - to Fund Capital		49,830	48,241	41,165	33,832	26,747	20,198	16,108
Good Shepherd		900	-	-	-	-	-	-
<b>Total Asset Value</b>		<b>86,280</b>	<b>86,999</b>	<b>85,803</b>	<b>84,526</b>	<b>83,163</b>	<b>81,724</b>	<b>84,202</b>
* The \$10 million for purchase of the West Harbour lands and \$10 million for the McMaster Health Campus is to be repaid to the Hamilton Future Fund with the net proceeds from sale of West Harbour lands. (Approvals: West Harbour Jan. 31, 2011 Council; McMaster Health - Aug. 11, 2011 Council)								
The \$20 million in repayments are not reflected in the forecast above, as it is not known when the land sales may occur.								

## 14.0 CONCLUSION

The efficient management of Municipal Infrastructure has significantly evolved over the last 30 years. The Province's Municipal Asset Management requirements will in the future require accountability from Council and staff with regards to infrastructure service levels, sustainable infrastructure rehabilitation expenditure amounts and forecast municipal capital funding plans.

Staff's proposed 2018 Tax Supported Capital Budget and 2019-2027 Capital Forecast are a continuation of a solid long-term plan to maximize own source capital funding and take advantage of partnerships with senior levels of government (transit and housing). Elements of this plan include the following:

1. A 0.5% tax increase dedicated to the Capital Levy annually to support regular Capital Repair and Rehabilitation. This actually increases the Capital Levy by approximately 4% per year and would add \$240 M more capital over a 10-year period versus a 0% increase annually.
2. An additional property tax increase to cover the debt charges associated with the City's share of the PTIF Program. This would include incremental increases of 0.40% in 2018, 0.66% in 2019, 0.61% in 2020 and 0.27% in 2021.
3. Increase roads discretionary funding to a construction cost inflationary net block-funding level with a Council-endorsed emphasis on the rehabilitation of local roads.
4. Focus on funding for the West Harbour and Waterfront Strategic Initiatives.
5. Investment in strategic capital areas, including Transit, Affordable Housing, Waste Management, Park Development, and others.
6. Ensure that debt levels are sustainable. This can be accomplished by ensuring that the City has an efficient Works-In-Progress Capital Turn-around process thereby freeing up funds which are not in use. The City's projected long-term budgeted tax supported debt levels top at \$471 M in 2021 and stabilize, lowering back down to \$302 M in 2027. This can be achieved by carefully examining each major project with a proper cost/benefit approach, deferring when necessary until debt capacity is freed-up.

The City has a \$3.5 B infrastructure deficit backlog through all program areas and an annual infrastructure deficit of approximately \$195 M. The City cannot tackle this problem on its own and will require significant support from senior levels of government. To date, senior levels of government have provided significant funding support for Transit, Social Housing, Water and Wastewater infrastructure for which there is great need at the municipal level. However, the City has significant deficiencies in its roads and facilities infrastructure. Senior level of government support is lagging in these areas and the City must increase its own funding for capital rehabilitation in order to slow the deterioration of its infrastructure.

With the emergence of current and for the foreseeable future, large budget deficits, the ability of senior levels of government to continue to significantly assist municipalities will be severely diminished. Therefore, the City must maximize its own source funding, keep improving relations with the senior levels of government for additional infrastructure repair subsidies and strategically direct these funds to priority programs.

**APPENDIX “2”**

**2018 CAPITAL FINANCING**

**FOR PROJECTS**

**INCLUDED IN FINANCING PLAN**



## 2018 Capital Budget and Financing Plan

		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>Revenues</u>		<u>(incl</u>	<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>		
					<u>Debt)</u>				<u>Dividends</u>			
<b><u>Community &amp; Emergency Services</u></b>												
<b><u>Community Services</u></b>												
City Wide	6731641601	Hamilton's Community Bed Bug Strategy	320	-	-	320	-	-	-	-	-	
		<b>Sub-Total Community Services</b>	<b>320</b>	<b>0</b>	<b>0</b>	<b>320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b><u>Housing Services</u></b>												
City Wide	6731741609	Poverty Reduction Investment	8,000	-	-	8,000	-	-	8,000	-	-	
City Wide	6731841610	Indigenous Poverty Reduction Investment	1,000	-	-	1,000	-	-	1,000	-	-	
City Wide	6731841611	Poverty Reduction Investment	2,000	-	-	2,000	-	-	2,000	-	-	
		<b>Sub-Total Housing Services</b>	<b>11,000</b>	<b>0</b>	<b>0</b>	<b>11,000</b>	<b>0</b>	<b>0</b>	<b>11,000</b>	<b>0</b>	<b>0</b>	
<b><u>Hamilton Fire Department</u></b>												
City Wide	7401851100	Fire Balaclava Replacement	220	-	-	220	-	-	-	-	220	
City Wide	7401851101	Automatic Vehicle Location Devices	360	-	-	360	-	-	-	-	360	
City Wide	7401851600	Annual Fire Equipment Replacement	617	-	-	617	-	617	-	-	-	
City Wide	7401851601	Annual Fire Vehicle Replacement	5,025	-	-	5,025	-	5,025	-	-	-	
		<b>Sub-Total Hamilton Fire Department</b>	<b>6,222</b>	<b>0</b>	<b>0</b>	<b>6,222</b>	<b>0</b>	<b>5,642</b>	<b>0</b>	<b>0</b>	<b>580</b>	
<b><u>Hamilton Paramedic Service</u></b>												
City Wide	7641851101	Annual Paramedic Service Equipment Replacement	1,019	-	-	1,019	-	1,019	-	-	-	
City Wide	7641851100	Annual Paramedic Service Vehicle Replacement	991	-	-	991	-	991	-	-	-	
		<b>Sub-Total Hamilton Paramedic Service</b>	<b>2,010</b>	<b>0</b>	<b>0</b>	<b>2,010</b>	<b>0</b>	<b>2,010</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b><u>Long Term Care Homes</u></b>												
City Wide	6301841001	ML - Roof Replacement	70	-	-	70	-	70	-	-	-	
City Wide	6301851001	ML - Replacement of 3 Chillers	666	-	-	666	-	166	-	500	-	
City Wide	6301741702	Wentworth Lodge - Exterior Walls - Batten Repair	470	-	-	470	-	470	-	-	-	
City Wide	6301841801	WL - 1989 Wing Roof Replacement	70	-	-	70	-	70	-	-	-	
City Wide	6301851002	ML & WL - Annual Resident Care Equipment Replacement	110	-	-	110	-	110	-	-	-	
City Wide	6301851003	WL - Bed Replacement	220	-	-	220	-	34	186	-	-	
		<b>Sub-Total Long Term Care Homes</b>	<b>1,606</b>	<b>0</b>	<b>0</b>	<b>1,606</b>	<b>0</b>	<b>920</b>	<b>186</b>	<b>500</b>	<b>0</b>	
		<b>Total Community &amp; Emergency Services</b>	<b>21,158</b>	<b>0</b>	<b>0</b>	<b>21,158</b>	<b>0</b>	<b>8,572</b>	<b>506</b>	<b>12,080</b>	<b>0</b>	
<b><u>Planning &amp; Economic Development</u></b>												
<b><u>Growth Management</u></b>												
City Wide	4141846100	City Share of Servicing Costs under Subdivision Agreements	3,000	-	-	3,000	3,000	-	-	-	-	
		<b>Sub-Total Growth Management</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>3,000</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

		<u>Project Specific Revenues</u>							<u>Financing Sources</u>			
		<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>			
<b><u>Parking Services</u></b>												
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	-	-	-	-
<b>Sub-Total Parking Services</b>			<b>1,400</b>	<b>0</b>	<b>0</b>	<b>1,400</b>	<b>0</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>Planning Services</u></b>												
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	-	-
<b>Sub-Total Planning Services</b>			<b>211</b>	<b>0</b>	<b>0</b>	<b>211</b>	<b>81</b>	<b>130</b>	<b>0</b>	<b>130</b>	<b>0</b>	<b>0</b>
<b><u>Tourism &amp; Culture</u></b>												
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	-
<b>Sub-Total Tourism &amp; Culture</b>			<b>1,702</b>	<b>0</b>	<b>0</b>	<b>1,702</b>	<b>0</b>	<b>1,702</b>	<b>0</b>	<b>0</b>	<b>1,702</b>	<b>0</b>
<b><u>Urban Renewal</u></b>												
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	-
<b>Sub-Total Urban Renewal</b>			<b>2,260</b>	<b>0</b>	<b>0</b>	<b>2,260</b>	<b>50</b>	<b>2,210</b>	<b>0</b>	<b>20</b>	<b>2,190</b>	<b>0</b>
<b>Total Planning &amp; Economic Development</b>			<b>8,573</b>	<b>0</b>	<b>0</b>	<b>8,573</b>	<b>3,081</b>	<b>1,450</b>	<b>0</b>	<b>150</b>	<b>3,892</b>	<b>0</b>



			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>Subsidies</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Reserves</u>	<u>Internal</u>	<u>Required</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>			
		<u>Revenues</u>		<u>(incl</u>		<u>Revenues</u>			<u>Future Fund</u>	<u>Levy</u>			
				<u>Debt)</u>					<u>Dividends</u>				
<b><u>Council Strategic Projects</u></b>													
City Wide	2110953900	Randle Reef Rehabilitation Project	375	-	-	375	-	-	375	-	-	375	-
<b>Sub-Total Council Strategic Projects</b>			<b>375</b>	<b>0</b>	<b>0</b>	<b>375</b>	<b>0</b>	<b>0</b>	<b>375</b>	<b>0</b>	<b>0</b>	<b>375</b>	<b>0</b>
<b>Total Council Initiatives</b>			<b>1,245</b>	<b>0</b>	<b>0</b>	<b>1,245</b>	<b>0</b>	<b>870</b>	<b>0</b>	<b>375</b>	<b>0</b>	<b>375</b>	<b>0</b>
<b><u>City Manager</u></b>													
<b><u>City Manager</u></b>													
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	-	-	-	-
<b>Sub-Total City Manager</b>			<b>290</b>	<b>0</b>	<b>0</b>	<b>290</b>	<b>0</b>	<b>0</b>	<b>290</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>Human Resources</u></b>													
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	-
<b>Sub-Total Human Resources</b>			<b>500</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>96</b>	<b>36</b>	<b>368</b>	<b>0</b>	<b>368</b>	<b>0</b>
<b>Total City Manager</b>			<b>790</b>	<b>0</b>	<b>0</b>	<b>790</b>	<b>0</b>	<b>96</b>	<b>326</b>	<b>368</b>	<b>0</b>	<b>368</b>	<b>0</b>
<b><u>Corporate Services</u></b>													
<b><u>City Clerk</u></b>													
City Wide	3521858100	Digitization of Microfiche Records	125	-	-	125	-	125	-	-	-	-	-
<b>Sub-Total City Clerk</b>			<b>125</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>Finance</u></b>													
City Wide	2051580510	DC Exemptions Recovery	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	-
<b>Sub-Total Finance</b>			<b>5,700</b>	<b>0</b>	<b>0</b>	<b>5,700</b>	<b>585</b>	<b>0</b>	<b>0</b>	<b>5,115</b>	<b>0</b>	<b>5,000</b>	<b>115</b>
<b><u>Information Technology (IT)</u></b>													
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	-
<b>Sub-Total Information Technology (IT)</b>			<b>840</b>	<b>0</b>	<b>0</b>	<b>840</b>	<b>0</b>	<b>340</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>500</b>	<b>0</b>
<b>Total Corporate Services</b>			<b>6,665</b>	<b>0</b>	<b>0</b>	<b>6,665</b>	<b>585</b>	<b>465</b>	<b>0</b>	<b>5,615</b>	<b>0</b>	<b>5,500</b>	<b>115</b>

		<u>Project Specific Revenues</u>							<u>Financing Sources</u>					
		<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>					
<b><u>Public Works Tax</u></b>														
<b><u>Corporate Facilities</u></b>														
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			
<b>Sub-Total Corporate Facilities</b>			<b>16,217</b>	<b>6,000</b>	<b>4,900</b>	<b>5,317</b>	<b>0</b>	<b>660</b>	<b>150</b>	<b>4,507</b>	<b>0</b>	<b>250</b>	<b>4,257</b>	<b>0</b>
<b><u>Recreation Facilities</u></b>														
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 - <b>DC Debt</b>	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>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	-	-	100	
<b>Sub-Total Recreation Facilities</b>			<b>10,169</b>	<b>244</b>	<b>0</b>	<b>9,925</b>	<b>2,566</b>	<b>270</b>	<b>2,465</b>	<b>4,624</b>	<b>0</b>	<b>4,624</b>	
<b>Entertainment Facilities</b>													
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	
<b>Sub-Total Entertainment Facilities</b>			<b>7,000</b>	<b>0</b>	<b>200</b>	<b>6,800</b>	<b>0</b>	<b>1,487</b>	<b>4,013</b>	<b>1,300</b>	<b>0</b>	<b>1,300</b>	
<b>Fleet Services</b>													
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	-	-	-	-	
<b>Sub-Total Fleet Services</b>			<b>7,739</b>	<b>0</b>	<b>0</b>	<b>7,739</b>	<b>0</b>	<b>7,739</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Forestry &amp; Horticulture</b>													
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	
<b>Sub-Total Forestry &amp; Horticulture</b>			<b>4,342</b>	<b>0</b>	<b>0</b>	<b>4,342</b>	<b>0</b>	<b>397</b>	<b>3,945</b>	<b>0</b>	<b>2,000</b>	<b>1,945</b>	
<b>O &amp; M - Parks &amp; Cemeteries</b>													
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	
<b>Sub-Total O &amp; M - Parks &amp; Cemeteries</b>			<b>1,590</b>	<b>0</b>	<b>0</b>	<b>1,590</b>	<b>247</b>	<b>205</b>	<b>0</b>	<b>1,138</b>	<b>0</b>	<b>1,138</b>	

		<u>Project Specific Revenues</u>							<u>Financing Sources</u>					
		<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>					
<b><u>Open Space Development</u></b>														
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	-	-	-	-	-	
<b>Sub-Total Open Space Development</b>			<b>7,868</b>	<b>0</b>	<b>0</b>	<b>7,868</b>	<b>1,375</b>	<b>2,088</b>	<b>1,164</b>	<b>3,241</b>	<b>0</b>	<b>0</b>	<b>3,241</b>	<b>0</b>
<b><u>Roads</u></b>														
<b><u>Asset Preservation</u></b>														
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	-	-	-	-	-	
<b><u>Bridges &amp; Structures</u></b>														
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	-	

		<u>Project Specific Revenues</u>							<u>Financing Sources</u>				
		<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	-		
<b>Computer Technology</b>													
City Wide	4661820019	Traffic Controller Replacement Program	600	-	-	600	-	400	200	-	200		
<b>Council Priority</b>													
1	4031611601	Council Priority - Ward 1 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
2	4031611602	Council Priority - Ward 2 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
3	4031611603	Council Priority - Ward 3 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
4	4031611604	Council Priority - Ward 4 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
5	4031611605	Council Priority - Ward 5 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
6	4031611606	Council Priority - Ward 6 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
7	4031611607	Council Priority - Ward 7 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
8	4031611608	Council Priority - Ward 8 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
9	4031611609	Council Priority - Ward 9 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
10	4031611610	Council Priority - Ward 10 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
11	4031611611	Council Priority - Ward 11 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
12	4031611612	Council Priority - Ward 12 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
13	4031611613	Council Priority - Ward 13 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
14	4031611614	Council Priority - Ward 14 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
15	4031611615	Council Priority - Ward 15 Minor Rehabilitation	200	-	-	200	-	-	200	100	100		
10	4031819104	Hewitson - Dupont to Barton	300	-	-	300	-	300	-	-	-		
<b>Council Priority - Rehabilitation</b>													
10	4031811015	Barton - Gray to Green	1,080	-	-	1,080	-	460	620	558	62		
<b>Development Engineering</b>													
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		
<b>Replacement Program</b>													
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	87		

		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>Subsidies</u>	<u>External</u>	<u>Costs</u>	<u>Charges</u>	<u>Reserves</u>	<u>Internal</u>	<u>Gas Tax</u>	<u>Reserves</u>	<u>Operating</u>	
				<u>Revenues</u>		<u>(incl</u>		<u>Revenues</u>		<u>Future Fund</u>	<u>Levy</u>	
						<u>Debt)</u>				<u>Dividends</u>		
<b>Retaining Wall</b>												
2, 7	4031817644	Claremont Access - Bin Wall Removal	170	-	-	170	-	-	170	-	170	
<b>Road Operations &amp; Maintenance</b>												
7	3541841801	Rymal Yard Building Envelope Repairs	75	-	-	75	-	-	75	-	75	
City Wide	4031651620	Road Operations and Maintenance Fleet Replacement	500	-	-	500	-	-	500	-	500	
City Wide	4031810005	Major Road Maintenance Program	1,000	-	-	1,000	-	-	1,000	-	1,000	
City Wide	4031810012	Railway Roadway Crossings Rehabilitation Program	150	-	-	150	-	-	150	-	150	
City Wide	4031811224	Sidewalk Rehabilitation Program	700	-	-	700	-	-	700	-	700	
City Wide	4031817241	Fencing/Sound Barrier Rehabilitation/Replacement within	150	-	-	150	-	-	150	-	150	
City Wide	4031817677	Preventative Maintenance Program	2,790	-	-	2,790	-	1,350	1,440	1,296	144	
City Wide	4031821350	Fleet Additions - Roads O&M	300	-	-	300	193	-	107	-	107	
City Wide	4031841762	Yard Facility Maintenance and Improvement Program	100	-	-	100	-	-	100	-	100	
City Wide	4031851410	Roads - Small Equipment Replacement	50	-	-	50	-	50	-	-	-	
City Wide	4041757722	Road Operations - GPS/AVL Service	50	-	-	50	-	-	50	-	50	
City Wide	4041757723	HANSEN/INFOR Mobile Application	120	-	-	120	-	-	120	-	120	
City Wide	4041810004	Escarpment Slope & Appurtenance Stabilization Program	1,000	-	-	1,000	-	-	1,000	900	100	
City Wide	4041810417	Retaining Wall Rehabilitation Program	880	-	-	880	-	-	880	-	880	
City Wide	4041811351	Roads - Alleyway Rehabilitation	100	-	-	100	-	100	-	-	-	
City Wide	4041817384	Guide Rail Replacement Program	400	-	-	400	-	-	400	-	400	
<b>Rural Rehabilitation Program</b>												
14	4031811015	Brock Rd - Hwy 8 (Bullocks Corners) to Concession 4 W	3,000	-	-	3,000	-	-	3,000	-	-	
<b>Street Lights</b>												
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	-	420	
<b>Technical Studies &amp; Reporting</b>												
5	4031718126	Centennial Bridge over the QEW - multi-use path	170	-	-	170	-	-	170	-	170	
City Wide	4031818218	OSIM Bridge and Culvert Inspections	300	-	-	300	-	-	300	-	300	
City Wide	4031818219	Structural Investigations and Reports	400	-	-	400	-	-	400	-	400	
City Wide	4031855556	Mapping Update Program	40	-	-	40	-	-	40	-	40	
City Wide	4031855622	Active Transportation Benchmarking	30	-	-	30	-	-	30	-	30	
City Wide	4031855744	TMP Modelling & Monitoring	80	-	-	80	-	-	80	-	80	
<b>Traffic</b>												
City Wide	4031710715	Railway Crossings - Review and Upgrades	500	-	-	500	-	-	500	-	500	
2	4661620630	Two Way Road Conversion	340	-	-	340	-	-	340	-	340	
City Wide	4661720721	Pedestrian Crossovers	400	-	-	400	400	-	-	-	-	
City Wide	4661720722	Overhead Sign Structure	200	-	-	200	-	-	200	-	200	
City Wide	4661820001	ATMS – Advanced Traffic Management System	790	-	-	790	-	-	790	-	790	
City Wide	4661820720	Annual Plastic Pavement Marking Rehabilitation	200	-	-	200	200	-	-	-	-	
1, 2	4661820810	Queen - Aberdeen to Main Two-Way Conversion	1,100	-	-	1,100	1,100	-	-	-	-	
<b>Traffic - APS</b>												
City Wide	4661820531	APS - Accessible Pedestrian Signals	150	-	-	150	-	-	150	-	150	
<b>Traffic - IPS</b>												
6, 8	4661820525	IPS - Intersection Pedestrian Signal	600	-	-	600	-	-	600	-	600	
<b>Traffic Signals</b>												
2	4241809201	Area Rating - New Traffic Signal - John @ Forest	200	-	-	200	200	-	-	-	-	
2	4241809202	Area Rating - New Traffic Signal - Main & Ferguson	200	-	-	200	200	-	-	-	-	
7, 11, 15	4661820008	New Traffic Signal Installation Program	600	-	-	600	-	-	600	-	600	
City Wide	4661820010	Traffic Signal Modernization & Upgrades Program	870	-	-	870	-	-	870	-	870	

		<u>Project Specific Revenues</u>							<u>Financing Sources</u>					
		<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	-	150	-		
City Wide	4661820522	Traffic Engineering - Signal Design	360	-	-	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	-		
<b>Traffic Study/Master Plan</b>														
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	-		
<b>Transportation Systems</b>														
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	-		
<b>Urban Rehabilitation Program</b>														
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	-	-	-	-	-		
<b>Sub-Total Roads</b>			<b>82,675</b>	<b>1,100</b>	<b>250</b>	<b>81,325</b>	<b>9,523</b>	<b>9,300</b>	<b>7,300</b>	<b>55,202</b>	<b>29,176</b>	<b>1,500</b>	<b>21,026</b>	<b>3,500</b>
<b>Transit Services</b>														
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	-	-	-	-	-		
<b>Sub-Total Transit Services</b>			<b>19,408</b>	<b>0</b>	<b>0</b>	<b>19,408</b>	<b>0</b>	<b>14,588</b>	<b>0</b>	<b>4,820</b>	<b>3,000</b>	<b>0</b>	<b>1,820</b>	<b>0</b>

		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>				
<b><u>Waste Management</u></b>													
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	-		
<b>Sub-Total Waste Management</b>		<b>4,556</b>	<b>0</b>	<b>0</b>	<b>4,556</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,556</b>	<b>0</b>	<b>2,923</b>	<b>1,633</b>	
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>													
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	-	-	-	-		
<b>Sub-Total West Harbour &amp; Waterfront Strategic Initiatives</b>		<b>25,790</b>	<b>0</b>	<b>0</b>	<b>25,790</b>	<b>0</b>	<b>0</b>	<b>1,510</b>	<b>24,280</b>	<b>0</b>	<b>18,280</b>	<b>6,000</b>	
<b>Total Public Works Tax</b>		<b>187,354</b>	<b>7,344</b>	<b>5,350</b>	<b>174,660</b>	<b>13,711</b>	<b>36,337</b>	<b>16,999</b>	<b>107,613</b>	<b>32,176</b>	<b>3,750</b>	<b>60,554</b>	<b>11,133</b>
<b>GRAND TOTAL</b>		<b>236,221</b>	<b>7,344</b>	<b>6,600</b>	<b>222,277</b>	<b>19,601</b>	<b>49,992</b>	<b>17,831</b>	<b>134,853</b>	<b>32,176</b>	<b>22,250</b>	<b>68,034</b>	<b>12,393</b>
DC Debt Total					<b>8,054</b>								



**APPENDIX “3”**

**2018 PROJECTS, INCLUDED**

**IN THE FINANCING PLAN**

Included



**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Community Services &amp; Emergency Services</u></b>						
<b><u>Community Services - Other Divisions</u></b>						
City Wide	6731641601	Hamilton's Community Bed Bug Strategy (Pre 2018 - \$582)	320	-	-	-
<b><i>Sub-Total</i></b>			<b>320</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Hamilton Fire Department</u></b>						
City Wide	7401851100	Fire Balaclava Replacement	220	220	-	-
City Wide	7401851101	Automatic Vehicle Location Devices	360	360	-	-
City Wide	7401851600	Annual Fire Equipment Replacement	617	-	-	-
City Wide	7401851601	Annual Fire Vehicle Replacement	5,025	-	-	-
<b><i>Sub-Total</i></b>			<b>6,222</b>	<b>580</b>	<b>-</b>	<b>-</b>
<b><u>Hamilton Paramedic Service</u></b>						
City Wide	7641851100	Annual Paramedic Service Vehicle Replacement	991	-	-	-
City Wide	7641851101	Annual Paramedic Service Equipment Replacement	1,019	-	-	-
<b><i>Sub-Total</i></b>			<b>2,010</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Housing Services</u></b>						
City Wide	6731741609	Poverty Reduction Investment (Future Fund)	8,000	8,000	-	-
City Wide	6731841610	Indigenous Poverty Reduction Investment (Hydro Dividend)	1,000	1,000	-	-
City Wide	6731841611	Poverty Reduction Investment (Hydro Dividend)	2,000	2,000	-	-
<b><i>Sub-Total</i></b>			<b>11,000</b>	<b>11,000</b>	<b>-</b>	<b>-</b>
<b><u>Long Term Care Homes</u></b>						
City Wide	6301841001	ML - Roof Replacement	70	-	-	-
City Wide	6301851001	ML - Replacement of 3 Chillers	666	500	-	-
City Wide	6301741702	Wentworth Lodge - Exterior Walls - Batten Repair	470	-	-	-
City Wide	6301841801	WL - 1989 Wing Roof Replacement	70	-	-	-
City Wide	6301851002	ML & WL - Annual Resident Care Equipment Replacement	110	-	-	-
City Wide	6301851003	WL - Bed Replacement	220	-	-	-
<b><i>Sub-Total</i></b>			<b>1,606</b>	<b>500</b>	<b>-</b>	<b>-</b>
<b><i>Total Community Services &amp; Emergency Services</i></b>			<b>21,158</b>	<b>12,080</b>	<b>-</b>	<b>-</b>

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Planning &amp; Economic Development</u></b>						
<b><u>Growth Management</u></b>						
City Wide	4141846100	City Share of Servicing Costs under Subdivision Agreements	3,000	-	-	-
<b>Sub-Total</b>			<b>3,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Parking Services</u></b>						
City Wide	4901751700	Parking Payment Equipment (Pre 2018 - \$367)	400	-	-	-
City Wide	4901841800	Fence Replacement - Municipal Carparks	100	-	-	-
City Wide	4901841801	Elevator Replacement-York Parkade	400	-	-	-
2	4901841802	Summers Lane Reconstruction	500	-	-	-
<b>Sub-Total</b>			<b>1,400</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Planning Services</u></b>						
City Wide	8120955900	Community Planning Studies (Pre 2018 - \$806)	30	30	-	-
City Wide	8121755705	Urban and Rural Official Plan Five Year Review (Pre 2018 - \$150)	181	100	-	11.00
<b>Sub-Total</b>			<b>211</b>	<b>130</b>	<b>-</b>	<b>11.00</b>
<b><u>Tourism &amp; Culture</u></b>						
4	7201841802	Hamilton Museum of Steam & Technology Keefer Steps	65	65	-	-
2	7201841803	St. Mark's Interior Restoration	500	500	-	-
3	7201841804	Children's Museum Expansion-Exhibits	350	350	-	-
1	7201841805	Dundurn Small Dinning Room Conservation	55	55	-	-
2	7201841807	2018 Whitehern Hall Conservation	55	55	-	-
8	7201841808	Auchmar Wall Project	547	547	-	-
City Wide	7201858802	Art and Monuments	55	55	-	-
City Wide	7201858803	Hamilton and Scourge Security	75	75	-	-
<b>Sub-Total</b>			<b>1,702</b>	<b>1,702</b>	<b>-</b>	<b>-</b>
<b><u>Urban Renewal</u></b>						
City Wide	3621708002	Brownfield Development (Pre 2018 - \$390)	250	250	-	-
City Wide	8201703100	Office Tenancy Assistance Program (Pre 2018 - \$82)	25	25	-	-
2, 3, 4	8201703700	Barton/Kenilworth Commercial Corridor Building Grant Program	700	700	-	-
2, 3, 4	8201703701	Barton and Kenilworth Rebate of Planning and Building Fees	230	230	-	-
City Wide	8201703703	(BIA) Commercial Property Improvement Grant Program	406	406	-	-

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross</u>	<u>Net</u>	<u>FTE's</u>	<u>Operating</u>
			<u>Budget</u>	<u>Budget</u>		<u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
City Wide	8201703704	Commercial Property Improvement Grant Program	250	250	-	-
City Wide	8201703706	Community Downtowns and BIAs (Pre 2018 - \$1,217)	324	324	-	-
2, 3, 4	8201703900	Downtown West Harborfront Remediation Loan Program	25	25	-	-
City Wide	7201858801	(TCD) City of Hamilton Music Strategy	50	-	-	-
<b>Sub-Total</b>			<b>2,260</b>	<b>2,210</b>	-	-
<b>Total Planning &amp; Economic Development</b>			<b>8,573</b>	<b>4,042</b>	-	<b>11.00</b>
<b>Outside Boards &amp; Agencies</b>						
<b><u>CityHousing Hamilton</u></b>						
City Wide	6181841602	City Housing Contribution	500	500	-	-
<b>Sub-Total</b>			<b>500</b>	<b>500</b>	-	-
<b><u>H.C.A. &amp; Westfield Heritage Village</u></b>						
City Wide	3801856100	Hamilton Conservation Authority Critical and Safety Projects	1,850	1,850	-	-
City Wide	3801858902	Westfield Heritage Village - Critical and/or Safety Projects	150	150	-	-
<b>Sub-Total</b>			<b>2,000</b>	<b>2,000</b>	-	-
<b><u>Hamilton Beach Rescue (HBRU)</u></b>						
City Wide	2861851700	HBRU Renovations & Equipment Purchases	42	-	-	-
<b>Sub-Total</b>			<b>42</b>	-	-	-
<b><u>Hamilton Public Library</u></b>						
9	7501741601	Valley Park Library Expansion (Pre 2018 - \$2,000)	4,999	1,767	-	-
14	7501741610	New Library - Greensville (Pre 2018 - \$905)	1,345	493	-	-
<b>Sub-Total</b>			<b>6,344</b>	<b>2,260</b>	-	-
<b><u>Police Services</u></b>						
City Wide	3761851801	Marine Vessel (Hike)	800	-	-	-
City Wide	3761857801	Police Hardware Acquisition - Server/Storage	400	-	-	-
City Wide	3761857802	Police Video Infrastructure	150	-	-	-
City Wide	3761857804	Police Radio Room Recording Upgrade	200	-	-	-
<b>Sub-Total</b>			<b>1,550</b>	-	-	-
<b>Total Outside Boards &amp; Agencies</b>			<b>10,436</b>	<b>4,760</b>	-	-

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

				<u>Gross</u>	<u>Net</u>	<u>FTE's</u>	<u>Operating</u>
				<u>Budget</u>	<u>Budget</u>		<u>Costs</u>
				(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Council Initiatives</u></b>							
<b><u>Area Rating Special Capital Reinvestment</u></b>							
1	3301809100	Ward 1 Capital Reinvestment		100	-	-	-
2	3301809200	Ward 2 Capital Reinvestment		100	-	-	-
3	3301809300	Ward 3 Capital Reinvestment		100	-	-	-
4	3301809400	Ward 4 Capital Reinvestment		100	-	-	-
5	3301809500	Ward 5 Capital Reinvestment		100	-	-	-
6	3301809600	Ward 6 Capital Reinvestment		100	-	-	-
7	3301809700	Ward 7 Capital Reinvestment		100	-	-	-
8	3301809800	Ward 8 Capital Reinvestment		100	-	-	-
5	4241609505	Food Centre Pilot Project - Board of Health 15-007		70	-	-	-
<b><u>Sub-Total</u></b>				<b>870</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Council Strategic Projects</u></b>							
City Wide	2110953900	Randle Reef Rehabilitation Project (Pre 2018 - \$6,500)		375	375	-	-
<b><u>Sub-Total</u></b>				<b>375</b>	<b>375</b>	<b>-</b>	<b>-</b>
<b><u>Total Council Initiatives</u></b>				<b>1,245</b>	<b>375</b>	<b>-</b>	<b>-</b>
<b><u>City Manager</u></b>							
<b><u>City Manager</u></b>							
City Wide	3381858502	Enhancing City of Hamilton App for citizen services		40	-	-	5.00
City Wide	3381858503	Performance Excellence - Dashboard, Open Data Infrastructure		250	-	1.00	125.00
<b><u>Sub-Total</u></b>				<b>290</b>	<b>-</b>	<b>1.00</b>	<b>130.00</b>
<b><u>Human Resources</u></b>							
City Wide	2051857111	Corporate KRONOS		250	118	-	-
City Wide	2051759701	HR Self Service Enhancements Phase 1 and Phase 2		150	150	-	12.00
City Wide	2051759702	Profile Management Phase 1 and Phase 2 (Pre 2018 - \$90)		100	100	-	-
<b><u>Sub-Total</u></b>				<b>500</b>	<b>368</b>	<b>-</b>	<b>12.00</b>
<b><u>Total City Manager</u></b>				<b>790</b>	<b>368</b>	<b>1.00</b>	<b>142.00</b>

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross</u>	<u>Net</u>	<u>FTE's</u>	<u>Operating</u>
			<u>Budget</u>	<u>Budget</u>		<u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Corporate Services</u></b>						
<b><u>City Clerk</u></b>						
City Wide	3521858100	Digitization of Microfiche Records	125	-	-	-
<b><i>Sub-Total</i></b>			<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Finance</u></b>						
City Wide	2051580510	DC Exemptions Recovery (Pre 2018 - \$6,000)	5,000	5,000	-	-
City Wide	3381855301	2019 Development Charges' Bylaw Studies	650	65	-	-
City Wide	3381857501	Capital Budget System Upgrade	50	50	-	-
<b><i>Sub-Total</i></b>			<b>5,700</b>	<b>5,115</b>	<b>-</b>	<b>-</b>
<b><u>Information Technology (IT)</u></b>						
City Wide	3501357302	Common Address Database (on behalf of all Departments)	125	125	-	-
City Wide	3501657602	IT Security (Pre 2018 - \$188)	160	160	-	-
City Wide	3501757702	Network Infrastructure Sustainability and Continuous Improvement	160	160	-	-
City Wide	3501857801	IT Strategy and Enterprise Architecture	395	55	1.00	125.00
<b><i>Sub-Total</i></b>			<b>840</b>	<b>500</b>	<b>1.00</b>	<b>125.00</b>
<b><i>Total Corporate Services</i></b>			<b>6,665</b>	<b>5,615</b>	<b>1.00</b>	<b>125.00</b>
<b><u>Public Works Tax</u></b>						
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>						
2	4411506106	Marina Services & Gas Dock (Pre 2018 - \$355)	345	345	-	-
2	4411506107	Pier 5-7 Marina Shoreline Rehab (Pre 2018 - \$8,065)	2,105	1,285	-	20.00
2	4411606002	Real Estate Disposition Process (Pre 2018 - \$460)	250	250	-	-
2	4411606102	Pier 5-7 Boardwalk (Pre 2018 - \$510)	625	625	0.33	72.01
2	4411606104	Pier 7 Commercial Village (Pre 2018 - \$2,250)	800	800	1.26	139.20
2	4411606105	Pier 8 Shorewall (Pre 2018 - \$8,175)	5,000	5,000	-	20.00
2	4411606106	Pier 8 Promenade (Pre 2018 - \$475)	7,150	7,150	4.32	439.03
2	4411606111	Bayfront Park Beach Rehab (Pre 2018 - \$80)	300	300	-	-
2	4411606201	Bar-Tiff Site Remediation (Pre 2018 - \$850)	500	500	-	-
2	4411706101	Pier 6-8 Servicing Construction (Pre 2018 - \$4,530)	4,500	4,500	-	-
2	4411706102	Pier 8 Park (Pre 2018 - \$200)	1,200	1,200	0.60	161.26
2	4411706201	Barton-Tiffany Real Estate Solicitation Plan (Pre 2018 - \$100)	100	100	-	-
2	4411806102	Macassa Bay Shoreline Improvements	150	150	-	-
2	4411806103	Macassa Bay Boardwalk and Trail	150	150	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
2	4411806104	West Harbour Public Art	450	450	-	-
City Wide	4411806105	Police Marine Facility Replacement	300	300	-	-
2	4411806106	James Street CSO Tank overflow pipe	375	375	-	-
2	4411806202	Central Neighbourhood Reconstruction (Central Park)	690	-	-	-
2	5121692001	Central Park Remediation (Pre 2018 - \$4,100)	800	800	-	-
<b>Sub-Total</b>			<b>25,790</b>	<b>24,280</b>	<b>6.51</b>	<b>851.50</b>
<b><u>Corporate Facilities</u></b>						
12	3541641602	Ancaster Memorial Arts & Culture Centre (Pre 2018 - \$1,200)	11,200	-	-	157.00
2	3541741603	Central Library Window Replacement (Pre 2018 - \$1,200)	1,227	1,227	-	-
City Wide	3541841010	Program - Facility Upgrades to Hamilton Public Libraries	100	100	-	-
City Wide	3541841013	Program - Firestations Facility Upgrade	350	350	-	-
City Wide	3541841409	Program - Facilities Code & Legislative Compliance	680	680	-	-
City Wide	3541841412	Program - Roof Management	600	600	-	-
City Wide	3541841532	Program - Facility Capital Maintenance	350	350	-	-
City Wide	3541841631	Program - Facilities Security	150	150	-	-
City Wide	3541841648	Program - Parking Lot Rehabilitation	350	350	-	-
7	3541841801	Rymal Yard Building Envelope Repairs	150	-	-	-
11	3541841910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210	-	-	-
City Wide	3541849003	Backflow Prevention for Various Facilities (Pre 2018 - \$2,103)	450	450	-	150.00
City Wide	3541855001	Program Yard Capital Renewal	150	150	-	-
City Wide	3541855100	Corporate Facilities Audit Program	100	100	-	-
5, 10	3541855701	Confederation Beach Park Facility Assessment	150	-	-	-
<b>Sub-Total</b>			<b>16,217</b>	<b>4,507</b>	<b>-</b>	<b>307.00</b>
<b><u>Entertainment Facilities</u></b>						
2	3721841801	Program FirstOntario Concert Hall Replacements and Renovations	200	-	-	-
2	3721841805	Program HCC, FOCH & FOC Lifecycle Renewal	500	500	-	-
2	3721851801	First Ontario Centre Vertical Transportation	4,300	800	-	45.00
2	3721851803	Hamilton Convention Centre Exterior Restoration Program of Court	2,000	-	-	-
<b>Sub-Total</b>			<b>7,000</b>	<b>1,300</b>	<b>-</b>	<b>45.00</b>
<b><u>Fleet Services</u></b>						
City Wide	4941851001	Shop Equipment Replacement	162	-	-	-
City Wide	4941851004	Street Sweeper Purchase	720	-	-	-
City Wide	4941851100	Fleet Vehicle&Equipment Replace Program	6,857	-	-	-
<b>Sub-Total</b>			<b>7,739</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross Budget</u>	<u>Net Budget</u>	<u>FTE's</u>	<u>Operating Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Forestry &amp; Horticulture</u></b>						
City Wide	4451451004	Gage Park Tropical House (Pre 2018 - \$3,055)	300	300	1.67	162.30
City Wide	4451751007	Rural Street Tree, Parks and Cemeteries (Citywide) Tree Inventory	97	97	-	-
City Wide	4451853444	Tree Planting Program	1,345	948	-	67.40
City Wide	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost	2,600	2,600	-	-
<b>Sub-Total</b>			<b>4,342</b>	<b>3,945</b>	<b>1.67</b>	<b>229.70</b>
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>						
7	3541841801	Rymal Yard Building Envelope Repairs	75	75	-	-
City Wide	4401549503	Cemetery Development	20	20	-	-
City Wide	4401811601	Cemetery Roads Rehabilitation Program	85	85	-	-
City Wide	4401841001	Cemetery Building Repairs	100	100	-	-
City Wide	4401849008	Extreme Park Makeover Program	15	15	-	2.00
City Wide	4401849101	Park Pathway Resurfacing Program	133	133	-	-
City Wide	4401849107	Park Fencing Program	100	100	-	-
City Wide	4401849510	Spraypad Infrastructure Rehabilitation Program	40	40	-	-
City Wide	4401849801	Monitoring and Repairs of the Escarpment and Waterfront	65	65	-	-
City Wide	4401849802	Heritage Green Maintenance Building Site Works	150	150	-	15.00
City Wide	4401852100	CSA Safety Material Replacement Program	145	145	-	-
City Wide	4401852600	Playground Lifecycle Replacement Program	200	200	-	-
City Wide	4401855800	QC/CA - Parks and Cemeteries Material Testing	10	10	-	-
City Wide	4401849007	Cemetery Columbarium	50	-	-	2.00
City Wide	4401851601	Equipment Acquisition (DC) Program	247	-	-	-
City Wide	4401851700	Small Equipment Replacement (Reserve) Program	75	-	-	-
City Wide	4401856001	Leash free Dog Park Program	80	-	-	-
<b>Sub-Total</b>			<b>1,590</b>	<b>1,138</b>	<b>-</b>	<b>19.00</b>
<b><u>Open Space Development</u></b>						
4	4241409341	W4 Pipeline Trail (Pre 2018 - \$280)	300	200	-	13.00
3	4401256520	Gage Park Redevelopment - Walkway lighting & Paving	400	400	-	-
11	4401456009	Mount Hope Park Development (Pre 2018 - \$700)	500	407	0.33	46.00
9	4401556503	Heritage Green Community Sports Park Implementation	80	80	-	15.00
City Wide	4401556504	Trails Master Plan Programming (Pre 2018 - \$386)	75	75	-	12.00
8	4401756824	William Connell Community Park (Pre 2018 - \$700)	250	25	0.34	37.00
City Wide	4401855600	Parks Testing and Reporting	50	50	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
1	4401856127	Churchill Park Master Plan Implementation Phase 2	50	50	-	-
15	4401856300	Parkside Hills (Pre 2018 - \$90)	458	46	0.33	18.09
City Wide	4401856601	Legislated Monitoring	50	50	-	-
2	4401856615	John St. N. & Rebecca St. Park - Master Plan Implementation	360	-	-	-
5	4401856802	Beach Park Development Program	100	-	-	2.00
5	4401856803	RHV Trails Master Plan - The Nest	300	300	-	10.00
9	4401856804	Highbury Meadows North Park (Proposed)	80	8	-	-
9	4401856805	Cline Park Redevelopment	60	60	-	-
12	4401856806	Bookjans West Proposed Park (25T 200725) - Ancaster Glen	70	7	-	-
11	4401856807	Glanbrook Hills Phase 2	100	100	-	1.50
14	4401856812	Spencer Creek Estates (14)	60	6	-	-
8	4401856813	Chedoke Falls Viewing Feasibility Study	60	60	-	-
11	4401856815	Caterini Park (Binbrook)	610	61	-	16.00
11	4401856817	Fifty Road Parkette Redevelopment	100	100	-	-
City Wide	4401856819	Waterfalls Viewing	120	120	-	-
2	4401856910	John St. N. & Rebecca St. Park - Land Acquisition	1,550	-	-	2.00
2	4411806201	Central Park Redevelopment	1,647	1,036	0.66	51.00
4	4241809401	AM Cunningham Park redevelopment	338	-	-	-
City Wide	4401858800	Skatepark Facility - Recreation study implementation	100	-	-	-
<b>Sub-Total</b>			<b>7,868</b>	<b>3,241</b>	<b>1.66</b>	<b>223.59</b>
<b><u>Recreation Facilities</u></b>						
City Wide	3541855101	Recreation Facilities Audit Program	110	110	-	-
15	7101454202	Waterdown Memorial Park Ice Loop (Pre 2018 - \$3,320)	380	-	-	-
4	7101558501	Parkdale Outdoor Pool Redevelopment (Pre 2018 - \$450)	1,000	802	-	30.00
6	7101649601	Bernie Arbour Stadium - Upgrades (Pre 2018 - \$150)	150	150	-	-
3	7101654700	Pinky Lewis Recreation Centre Expansion Project	500	500	-	-
8	7101654802	William Connell Park Washroom Facility (Pre 2018 - \$2,015)	700	70	-	-
11	7101754701	Glanbrook Arena Elevator	600	400	-	45.00
5	7101754805	Sir Wilfrid Laurier Gymnasium Replacement/Addition.	550	550	-	-
1	7101758002	Alexander Park Spraypad (Pre 2018 - \$573)	194	-	-	7.50
City Wide	7101841701	Program - Community Halls Retrofits	100	100	-	-
City Wide	7101841706	Program - Recreation Centre Retrofits	200	200	-	-
City Wide	7101854105	Program - Park & Fieldhouse Retrofits	250	250	-	-
City Wide	7101854536	Program - Arena Retrofits	250	250	-	-
City Wide	7101854702	Program - Facility Capital Maintenance	200	200	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
City Wide	7101854703	Program - Senior Centre Retrofits	100	100	-	-
5	7101854803	Domenic Agostino Riverdale Community Centre - Expansion	500	50	-	-
13	7101854807	Dundas Valley Community Park Improvement & Pavillion Feasibilit	350	350	-	6.00
2	7101854810	Durand Washroom Facility	50	-	-	-
7	7101854811	Hill Park Recreation Centre - Renovation	400	400	-	-
9	7101858802	Maplewood Park Washroom Lifecycle Repairs	100	100	-	-
15	7101841213	Flamborough Seniors Recreation Centre Barrier -Free Washroom	220	-	-	-
2	7101841800	Parks North Yard at Bayfront Park	3,115	-	-	30.00
City Wide	7101854508	Public Use Feasibility Needs & Study	150	42	-	-
<b>Sub-Total</b>			<b>10,169</b>	<b>4,624</b>	<b>-</b>	<b>118.50</b>

**Public Works Tax**

**Roads, Bridges, Sidewalks, Traffic**

7	3541841801	Rymal Yard Building Envelope Repairs	75	75	-	-
15	4031380360	Waterdown - Burlington Road Upgrades (Pre 2018 - \$3,970)	5,380	-	-	-
14	4031418425	Bridge 450 - Highway No. 5, 150m w/o Hunter Rd (Pre 2018 - \$350)	1,600	1,600	-	-
8	4031419101	Rymal W - Garth to West 5th (Pre 2018 - \$200)	5,770	3,760	0.30	60.00
1	4031611601	Council Priority - Ward 1 Minor Rehabilitation	200	200	-	-
2	4031611602	Council Priority - Ward 2 Minor Rehabilitation	200	200	-	-
3	4031611603	Council Priority - Ward 3 Minor Rehabilitation	200	200	-	-
4	4031611604	Council Priority - Ward 4 Minor Rehabilitation	200	200	-	-
5	4031611605	Council Priority - Ward 5 Minor Rehabilitation	200	200	-	-
6	4031611606	Council Priority - Ward 6 Minor Rehabilitation	200	200	-	-
7	4031611607	Council Priority - Ward 7 Minor Rehabilitation	200	200	-	-
8	4031611608	Council Priority - Ward 8 Minor Rehabilitation	200	200	-	-
9	4031611609	Council Priority - Ward 9 Minor Rehabilitation	200	200	-	-
10	4031611610	Council Priority - Ward 10 Minor Rehabilitation	200	200	-	-
11	4031611611	Council Priority - Ward 11 Minor Rehabilitation	200	200	-	-
12	4031611612	Council Priority - Ward 12 Minor Rehabilitation	200	200	-	-
13	4031611613	Council Priority - Ward 13 Minor Rehabilitation	200	200	-	-
14	4031611614	Council Priority - Ward 14 Minor Rehabilitation	200	200	-	-
15	4031611615	Council Priority - Ward 15 Minor Rehabilitation	200	200	-	-
2, 3	4031617642	Sherman Access Retaining Wall Replacement (Pre 2018 - \$800)	3,000	3,000	-	-
13	4031618090	Bridge 090 - McMurray St, 100m s/o of Hatt St (Pre 2018 - \$100)	170	170	-	-
6	4031619101	Mohawk - Upper Ottawa to Upper Kenilworth (Pre 2018 - \$200)	3,300	1,930	-	-
City Wide	4031651620	Road Operations and Maintenance Fleet Replacement	500	500	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u>	<u>Net</u>	<u>FTE's</u>	<u>Operating</u>
			<u>Budget</u>	<u>Budget</u>		<u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
City Wide	4031710715	Railway Crossings - Review and Upgrades (Pre 2018 - \$500)	500	500	-	-
5	4031718126	Centennial Bridge over the QEW - multi-use path (Pre 2018 - \$150)	170	170	-	-
City Wide	4031755820	Transportation Demand Management & Smart Commute	260	160	-	-
11	4031780790	Baseline - Access Road	500	-	-	-
City Wide	4031810005	Major Road Maintenance Program	1,000	1,000	-	-
City Wide	4031810006	Minor Construction Program	300	300	-	-
City Wide	4031810012	Railway Roadway Crossings Rehabilitation Program	150	150	-	-
10	4031811015	Barton - Gray to Green	1,080	620	-	-
13	4031811015	Governor's - Creighton to Davidson	2,000	1,120	0.10	10.00
4, 5, 6, 9	4031811015	RHVP Rehabilitation	6,750	6,500	-	-
7	4031811016	Asset Preservation - Burkholme Neighbourhood	4,700	4,700	-	-
City Wide	4031811224	Sidewalk Rehabilitation Program	700	700	-	-
City Wide	4031811225	Geotechnical Investigation Program	700	700	-	-
City Wide	4031814405	Contaminated Soil & Rock Disposal Program	100	100	-	-
City Wide	4031815820	Traffic Counts Program	150	150	-	-
City Wide	4031817241	Fencing/Sound Barrier Rehabilitation/Replacement within the Road	150	150	-	-
2, 7	4031817644	Claremont Access - Bin Wall Removal	170	170	-	-
City Wide	4031817677	Preventative Maintenance Program	2,790	1,440	-	-
13	4031818089	Bridge 089 - Creighton Rd, 30 m s/o Mill St	200	200	-	-
14	4031818108	Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	130	130	-	-
11	4031818150	Bridge 150 - Tapleystown Rd, 550m n/o Green Mountain Rd E	200	200	-	-
11	4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	30	30	-	-
11	4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd	30	30	-	-
City Wide	4031818217	Bridge and Culvert Maintenance	2,000	2,000	-	-
City Wide	4031818218	OSIM Bridge and Culvert Inspections	300	300	-	-
City Wide	4031818219	Structural Investigations and Reports	400	400	-	-
13	4031818296	Bridge 296 - Governors Rd, 45m e/o Ogilvie St	170	170	-	-
2	4031818313	Bridge 313 - Arkledun Ave (Jolley Cut), over Claremont Access	350	350	-	-
9	4031818366	Bridge 366 - Mud St W, 320m e/o Paramount Dr	100	100	-	-
12	4031818372	Bridge 372 - Wilson St E, 1700m e/o Rousseaux St (south side orig	30	30	-	-
11	4031818404	Bridge 404 - Harrison Rd - 910m s/o Kirk Road	170	170	-	-
9	4031818407	Bridge 407 - Queenston Rd, 320m e/o Lake Ave	130	130	-	-
11	4031818437	Bridge 437 - Miles Rd, 610m s/o Dickenson Rd E	130	130	-	-
11	4031818441	Bridge 441 - Harrison Rd - 665m n/o Hall Rd	100	100	-	-
11	4031818444	Bridge 444 - Guyatt Rd - 200m w.o. Hendershot Rd	130	130	-	-
13	4031819101	Baldwin / Court - West St. to Dundas St.	150	150	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
8	4031819101	Columbia/Hudson/Leadale/Marcus/Stacey/Verona (Buchanan Neig	2,680	1,620	-	-
1	4031819101	Locke - Herkimer to Main	150	150	-	-
7	4031819101	Mackenzie - East 27th to Upper Sherman (Burkholme Neighbourhc	450	320	-	-
8	4031819101	South Bend & Delmar (Buchanan Neighbourhood)	1,710	-	-	-
City Wide	4031821350	Fleet Additions - Roads O&M	300	107	-	-
City Wide	4031841762	Yard Facility Maintenance and Improvement Program	100	100	-	-
City Wide	4031849555	QA-QC Service Contract Program	150	150	-	-
City Wide	4031851410	Roads - Small Equipment Replacement	50	-	-	-
City Wide	4031855556	Mapping Update Program	40	40	-	-
City Wide	4031855622	Active Transportation Benchmarking	30	30	-	-
City Wide	4031855744	TMP Modelling & Monitoring	80	80	-	-
6, 7, 8	4031855815	South Mountain Arterial Study (SMATS)	80	80	-	-
City Wide	4031855940	Transportation Tomorrow Survey	40	40	-	-
City Wide	4031880582	Development Road Urbanization	500	24	-	-
8	4031880852	Southridge Court cul-de-sac (Chedoke Hospital Lands)	90	-	-	-
12	4031880853	McClure - Garner Road to approximately 200m northerly	110	-	-	-
11	4031880883	Dickenson Road Class EA (Upper James to Southcote) (AEGD)	440	60	-	-
6, 9	4031880887	Multi-Area Employment Lands - Street A Extension to Pritchard	320	320	0.10	14.00
City Wide	4041610018	Low-Wattage Street Lighting LED Replacement (Pre 2018 - \$5,700	3,000	2,000	-	(750.00)
City Wide	4041757722	Road Operations - GPS/AVL Service (Pre 2018 - \$420)	50	50	-	-
City Wide	4041757723	HANSEN/INFOR Mobile Application (Pre 2018 - \$240)	120	120	-	22.00
City Wide	4041810004	Escarpment Slope & Appurtenance Stabilization Program	1,000	1,000	-	-
City Wide	4041810017	Street Lighting Capital Program	420	420	-	-
City Wide	4041810417	Retaining Wall Rehabilitation Program	880	880	-	-
City Wide	4041811351	Roads - Alleyway Rehabilitation	100	-	-	-
City Wide	4041817384	Guide Rail Replacement Program	400	400	-	-
2	4241709201	Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	150	-	-	-
2	4241809201	Area Rating - New Traffic Signal - John @ Forest	200	-	0.10	18.00
2	4241809202	Area Rating - New Traffic Signal - Main & Ferguson	200	-	0.10	18.00
4	4241809402	Area Rating - Barnaby / Corbett / Quebec / Waterloo	1,360	-	-	-
5	4241809501	Area Rating - Dumbarton - Rosedale to east end	300	-	-	-
5	4241809502	Bow Valley Drive - Barton to Vittorito & Honeywell Court	670	-	-	-
6	4241809601	Area Rating - Fennell - Upper Sherman to Upper Gage	800	-	-	12.20
6	4241809604	Area Rating - Upper Gage Ave - Seventh to Concession (W6 A/R)	1,010	-	-	-
7	4241809701	Area Rating - Mall Road - Limeridge Mall private road to Mohawk	350	-	-	-
7	4241809702	Area Rating - Thorner Neighbourhood (North Section)	1,000	-	-	-

**2018 Proposed Tax Capital Projects**  
**Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>FTE's</u>	<u>Operating</u> <u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
7	4241809703	Area Rating - Viceroy - Callie to north end	200	-	-	-
2	4411806202	Sheaffe / Cannon / Caroline / Railway / Mill / Harriet (Central Park)	1,380	870	-	-
2	4661620630	Two Way Road Conversion (Pre 2018 - \$790)	340	340	-	-
City Wide	4661720721	Pedestrian Crossovers (Pre 2018 - \$300)	400	-	-	45.00
City Wide	4661720722	Overhead Sign Structure (Pre 2018 - \$100)	200	200	-	-
City Wide	4661817124	On Street Bike Facilities	300	300	0.50	52.00
City Wide	4661817125	On Street Bike Facilities in Co-ordination with Construction	450	450	0.50	52.00
City Wide	4661820001	ATMS – Advanced Traffic Management System	790	790	2.00	310.00
7, 11, 15	4661820008	New Traffic Signal Installation Program	600	600	0.40	93.00
City Wide	4661820010	Traffic Signal Modernization & Upgrades Program	870	870	-	-
City Wide	4661820017	Traffic Signal LED Lighting Upgrade Program	150	150	-	-
City Wide	4661820019	Traffic Controller Replacement Program	600	200	-	-
City Wide	4661820522	Traffic Engineering - Signal Design	360	360	-	-
6, 8	4661820525	IPS - Intersection Pedestrian Signal	600	600	0.40	54.00
City Wide	4661820531	APS - Accessible Pedestrian Signals	150	150	-	-
City Wide	4661820540	Traffic Signal Modernization Coordinated with Construction	650	650	-	-
City Wide	4661820720	Annual Plastic Pavement Marking Rehabilitation	200	-	-	-
12	4661820820	New Traffic Signal - Garner & Raymond	250	-	0.10	18.00
10	4661820821	New Traffic Signal - Drakes @ North Service Rd	80	80	-	-
11	4661820822	New Traffic Signal - Fifty @ North Service Rd	80	80	-	-
11	4661820823	New Traffic Signal - Fruitland @ North Service Rd	80	80	-	-
15	4661820828	New Traffic Signal - Dundas @ Riverwalk	250	13	-	-
15	4661820829	New Traffic Signal - Dundas @ Spring Creek	250	13	-	-
14	4031811015	Brock Rd - Hwy 8 (Bullocks Corners) to Concession 4 W	3,000	3,000	-	-
1, 2	4661820810	Queen - Aberdeen to Main Two-Way Conversion	1,100	-	-	-
10	4031819104	Hewitson - Dupont to Barton	300	-	-	-
<b>Sub-Total</b>			<b>82,675</b>	<b>55,202</b>	<b>4.60</b>	<b>28.20</b>
<b><u>Transit Services</u></b>						
City Wide	5301784707	Rapid Ready & Ten Year Local Transit Strategy Implementation	500	500	-	-
City Wide	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	420	420	-	12.00
City Wide	5301883002	Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus	3,700	3,700	-	-
City Wide	5301883100	HSR Bus Replacement Program	14,485	-	-	-
City Wide	5301883503	Nonrevenue Vehicle Replace Program	103	-	-	-
City Wide	5301885803	Terminal and End of Line Rehabilitation	75	75	-	-
City Wide	5301885804	Bus Stop Shelter Rehabilitation	125	125	-	-
<b>Sub-Total</b>			<b>19,408</b>	<b>4,820</b>	<b>-</b>	<b>12.00</b>

**2018 Proposed Tax Capital Projects  
Included in the Financing Plan**

			<u>Gross</u>	<u>Net</u>	<u>FTE's</u>	<u>Operating</u>
			<u>Budget</u>	<u>Budget</u>		<u>Costs</u>
			(\$000's)	(\$000's)	(#)	(\$000's)
<b><u>Waste Management</u></b>						
City Wide	5121655610	2020 Waste System Planning (Pre 2018 - \$450)	175	175	-	-
City Wide	5121855137	Waste Management R & D Program	230	230	-	-
City Wide	5121890200	Diversion Container Replacement Program	870	870	-	-
City Wide	5121890700	Public Space & Special Event Containers	250	250	-	-
City Wide	5121891000	Glanbrook Landfill Capital Improvement Program	330	330	-	-
City Wide	5121892000	Closed Landfill Maintenance & Capital Improvement Program	456	456	-	-
City Wide	5121893000	Maintenance & Capital Improvements to the Resource Recovery	190	190	-	-
City Wide	5121894000	Transfer Station/CRC Maintenance & Capital Improvement Program	205	205	-	-
City Wide	5121895525	SWMMMP Approvals	150	150	-	-
City Wide	5121849800	CCF Air Handling Upgrades	1,700	1,700	-	150.00
<b><i>Sub-Total</i></b>			<b><u>4,556</u></b>	<b><u>4,556</u></b>	<b><u>-</u></b>	<b><u>150.00</u></b>
<b><i>Total Public Works Tax</i></b>			<b><u>187,354</u></b>	<b><u>107,613</u></b>	<b><u>14.44</u></b>	<b><u>1,984.49</u></b>
<b><i>Total All Projects</i></b>			<b><u>236,221</u></b>	<b><u>134,853</u></b>	<b><u>16.44</u></b>	<b><u>2,262.49</u></b>



# **APPENDIX “4”**

## **2018 PROJECTS NOT INCLUDED IN THE FINANCING PLAN**

**Not Included**



**2018 Proposed Tax Capital Projects  
Not-Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u> (\$000's)	<u>Net</u> <u>Budget</u> (\$000's)	<u>Operating</u> <u>Costs</u> (\$000's)	<u>FTE's</u> <u>(#)</u>
<b><u>Community Services &amp; Emergency Services</u></b>						
<b><u>Hamilton Paramedic Service</u></b>						
City Wide	7641851102	Purchase of Additional Paramedic Service Vehicle	250	250	-	-
City Wide	7641357301	Kronos Scheduling Software (Pre 2018 - \$160)	140	140	-	-
<b>Sub-Total</b>			<b>390</b>	<b>390</b>	<b>-</b>	<b>-</b>
<b><u>Housing Services</u></b>						
City Wide	6731841001	Increasing Affordable Rental Housing in Hamilton	250	250	-	-
<b>Sub-Total</b>			<b>250</b>	<b>250</b>	<b>-</b>	<b>-</b>
<b>Total Community Services &amp; Emergency Services</b>			<b>640</b>	<b>640</b>	<b>-</b>	<b>-</b>
<b><u>Planning &amp; Economic Development</u></b>						
<b><u>Planning Services</u></b>						
City Wide	8121459100	Natural Areas Acquisition Fund (Pre 2018 - \$388)	300	300	-	-
City Wide	8121857800	Development Approvals Improvements	75	75	-	-
City Wide	8141155103	Zoning By-law OMB Appeals (Pre 2018 - \$325)	350	350	-	-
<b>Sub-Total</b>			<b>725</b>	<b>725</b>	<b>-</b>	<b>-</b>
<b>Total Planning &amp; Economic Development</b>			<b>725</b>	<b>725</b>	<b>-</b>	<b>-</b>
<b><u>Council Initiatives</u></b>						
<b><u>Council Strategic Projects</u></b>						
City Wide	9901808800	Council Initiated Strategic Projects	2,000	2,000	-	-
City Wide	2111856401	Parkland Acquisition	1,500	1,500	-	-
<b>Sub-Total</b>			<b>3,500</b>	<b>3,500</b>	<b>-</b>	<b>-</b>
<b>Total Council Initiatives</b>			<b>3,500</b>	<b>3,500</b>	<b>-</b>	<b>-</b>
<b><u>Corporate Services</u></b>						
<b><u>Customer Service &amp; POA</u></b>						
City Wide	2051857801	Corporate Customer Experience Program Pilot	95	95	-	35.00
City Wide	2051880810	POA Administration Offices	89	89	-	-
<b>Sub-Total</b>			<b>184</b>	<b>184</b>	<b>-</b>	<b>35.00</b>

**2018 Proposed Tax Capital Projects  
Not-Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u> (\$000's)	<u>Net</u> <u>Budget</u> (\$000's)	<u>Operating</u> <u>Costs</u> (\$000's)	<u>FTE's</u> <u>(#)</u>
<b><u>Information Technology (IT)</u></b>						
City Wide	3501857803	City Website Platform Upgrades	115	115	-	-
City Wide	3501857804	Collaboration Platform	65	65	-	8.00
City Wide	3501857806	Data Centre HVAC	125	125	-	56.00
<b>Sub-Total</b>			<b>305</b>	<b>305</b>	<b>-</b>	<b>64.00</b>
<b>Total Corporate Services</b>			<b>489</b>	<b>489</b>	<b>-</b>	<b>99.00</b>
<b><u>Public Works Tax</u></b>						
<b><u>Corporate Facilities</u></b>						
City Wide	3541351005	Generator BlackOut Testing & Repairs (Pre 2018 - \$282)	150	150	-	-
City Wide	3541841001	MRF Below Ground Demolition, Decommissioning and Filling	1,000	1,000	-	-
City Wide	3541841638	Overhead Door Replacement Program	275	275	-	-
City Wide	3541841729	Program - First Ontario Centre Lifecycle Renewal (M&E only)	750	750	-	-
City Wide	3541841730	Hamilton Place Lifecycle Replacement Program (M&E only)	535	535	-	-
City Wide	3541841734	Convention Centre Lifecycle Program (M&E only)	120	120	-	-
2	3541841735	Program - Hamilton Farmer's Market	576	576	-	-
City Wide	3541851004	HVAC, Energy Efficiency Upgrades	200	200	-	-
City Wide	3541853803	MSC-Security Enhancements	750	750	-	-
City Wide	3541857001	Archibus - Facility Maintenance Management System Upgrade	100	100	-	-
2	3721851800	Commonwealth Square Timber Railing Replacement	400	400	-	-
<b>Sub-Total</b>			<b>4,856</b>	<b>4,856</b>	<b>-</b>	<b>-</b>
<b><u>Entertainment Facilities</u></b>						
2	3721851802	First Ontario Courtyard	168	168	-	-
<b>Sub-Total</b>			<b>168</b>	<b>168</b>	<b>-</b>	<b>-</b>
<b><u>Forestry &amp; Horticulture</u></b>						
City Wide	4451849700	Traffic Island Beautification Program - Councillor Enhancements	760	760	-	143.00
City Wide	4451853701	Gypsy Moth Monitoring and Management	1,950	1,950	-	-
<b>Sub-Total</b>			<b>2,710</b>	<b>2,710</b>	<b>-</b>	<b>143.00</b>

**2018 Proposed Tax Capital Projects  
Not-Included in the Financing Plan**

			<u>Gross</u> <u>Budget</u> (\$000's)	<u>Net</u> <u>Budget</u> (\$000's)	<u>Operating</u> <u>Costs</u> (\$000's)	<u>FTE's</u> <u>(#)</u>
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>						
City Wide	4401751501	Sportsfield Irrigation System Lifecycle Replacements	100	100	-	(5.00)
City Wide	4401818002	Pedestrian Bridge Replacement & Repair Program	108	108	-	-
City Wide	4401845800	Urban Park Parking Lot Paving Program	320	320	-	-
City Wide	4401849100	Stair Replacement and Repair Program	130	130	-	-
City Wide	4401849102	Sports Field Rehab Program	60	60	-	-
City Wide	4401849103	Bocce Court Rehab Program	40	40	-	-
City Wide	4401849104	Park Sports/Security Lighting Upgrade Program	60	60	-	-
City Wide	4401849501	Wrought Iron Fence Replacement - Hamilton Cemetery	350	350	-	-
City Wide	4401849502	Flagpole Replacement & Repairs Program	100	100	-	-
City Wide	4401849504	Parkland Identification and Way Finding Signage	20	20	-	-
City Wide	4401849505	Cemeteries Foundations Study	50	50	-	-
City Wide	4401849610	Park Bleacher Replacement Program	60	60	-	-
City Wide	4401849612	Cemetery ID Sign Program	55	55	-	-
City Wide	4401854699	Tennis and Multi -use Court Rehabilitation Program	100	100	-	-
City Wide	4401855501	IPHC Program Equipment Purchases	565	565	1.00	100.00
	<b>Sub-Total</b>		<b>2,118</b>	<b>2,118</b>	<b>1.00</b>	<b>95.00</b>
<b><u>Recreation Facilities</u></b>						
7	7101845601	Turner Park - Parking Lot	550	370	-	-
	<b>Sub-Total</b>		<b>550</b>	<b>370</b>	<b>-</b>	<b>-</b>
<b><u>Public Works Tax</u></b>						
<b><u>Roads, Bridges, Sidewalks, Traffic</u></b>						
City Wide	4031811223	Semi Barrier Rehabilitation Program	200	200	-	-
1	4031819101	Haddon - Sterling to Marion	150	150	-	-
	<b>Sub-Total</b>		<b>350</b>	<b>350</b>	<b>-</b>	<b>-</b>
	<b>Total Public Works Tax</b>		<b>10,752</b>	<b>10,572</b>	<b>1.00</b>	<b>238.00</b>
	<b>Total All Projects</b>		<b>16,106</b>	<b>15,926</b>	<b>1.00</b>	<b>337.00</b>



# **APPENDIX “5”**

## **2018-2027 AFFORDABLE UNAFFORDABLE**

### **CAPITAL FORECAST**



**CITY OF HAMILTON  
2018-2027 CAPITAL BUDGET FINANCING PLAN  
TAX SUPPORTED PROGRAM - AFFORDABLE / UNAFFORDABLE  
(\$ 000)**

Year	Projected Gross Cost	Affordable Gross Cost	Subsidy/ Other Revenue	Federal Gas Tax	Dev't Charges	Reserves/ & Internal Sources	FINANCING SOURCES	
							Tax Budget	Debt
Approved	\$	\$	\$		\$	\$	\$	
2017	309,631	289,404	38,983	31,616	28,042	61,653	65,754	63,356
<b>2018</b>	<b>252,134</b>	<b>236,221</b>	<b>13,944</b>	<b>32,176</b>	<b>19,601</b>	<b>67,823</b>	<b>90,284</b>	<b>12,393</b>
2019	314,500	238,722	895	33,122	49,202	51,950	77,094	26,459
2020	269,017	225,395	4,800	33,122	40,792	40,459	79,155	27,067
2021	251,616	211,529	2,100	33,122	33,169	37,526	82,475	23,137
2022	238,359	215,073	19,100	33,122	30,575	42,723	84,178	5,375
2023	178,248	185,341	600	33,122	10,344	39,947	91,738	9,590
2024	189,307	200,130	100	33,122	8,660	54,839	96,279	7,130
2025	199,425	236,893	100	33,122	16,813	42,001	97,163	47,694
2026	312,851	254,302	100	33,122	20,036	73,661	101,223	26,160
2027	272,487	203,253	100	33,122	5,591	40,147	105,343	18,950
<b>TOTAL</b>	<b>2,477,944</b>	<b>2,206,858</b>	<b>41,839</b>	<b>330,274</b>	<b>234,783</b>	<b>491,076</b>	<b>904,931</b>	<b>203,955</b>

**Discretionary Tax Supported Net Capital Funding  
2018 - 2027 Forecast**

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

Assumptions:

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
<b>Sustainable</b>												
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 - Poverty 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
<b>Sub-total</b>	<b>87,480</b>	<b>120,710</b>	<b>110,351</b>	<b>112,412</b>	<b>115,731</b>	<b>117,434</b>	<b>124,994</b>	<b>129,536</b>	<b>130,420</b>	<b>134,480</b>	<b>138,599</b>	<b>1,234,667</b>
<b>Non-Sustainable</b>												
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
<b>Sub-total</b>	<b>9,890</b>	<b>1,750</b>	<b>-</b>	<b>1,750</b>								
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
<b>Total Funding (Net)</b>	<b>160,726</b>	<b>134,853</b>	<b>136,810</b>	<b>139,478</b>	<b>138,868</b>	<b>122,809</b>	<b>134,584</b>	<b>136,666</b>	<b>178,114</b>	<b>160,640</b>	<b>157,549</b>	<b>1,440,371</b>

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
<b>Roads / Bridges / Sidewalk / Street</b>												
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	28,979	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
<b>Block Funding Total</b>	<b>87,314</b>	<b>91,325</b>	<b>87,269</b>	<b>99,986</b>	<b>122,399</b>	<b>108,472</b>	<b>89,698</b>	<b>93,041</b>	<b>95,157</b>	<b>195,251</b>	<b>199,672</b>	<b>1,182,271</b>
<b>Major Capital Initiatives</b>												
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
<b>Boards &amp; Agencies</b>												
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
<b>Subtotal - Boards &amp; Agencies</b>	<b>3,636</b>	<b>4,760</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>2,500</b>	<b>27,500</b>	<b>2,500</b>	<b>2,500</b>	<b>52,260</b>
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)
<b>Total Expenditures (Net)</b>	<b>160,726</b>	<b>134,853</b>	<b>136,810</b>	<b>139,478</b>	<b>138,868</b>	<b>122,809</b>	<b>134,584</b>	<b>136,666</b>	<b>178,114</b>	<b>160,640</b>	<b>157,549</b>	<b>1,440,371</b>

# **APPENDIX “6”**

## **2018-2027 CAPITAL PROJECTS**

### **BY WARD**



**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 1**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 1 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>												
	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
Dundurn Small Dining Room Conservation	55	0	177	740	555	155	130	180	100	0	2018	2026
Dundurn Balcony Restoration	0	50	0	202	100	640	0	100	72	0	2019	2026
Dundurn Coach House Redevelopment	0	0	0	0	137	96	900	75	300	0	2018	2026
<b>Sub - Total Tourism &amp; Culture</b>	<b>55</b>	<b>50</b>	<b>177</b>	<b>942</b>	<b>792</b>	<b>891</b>	<b>1,030</b>	<b>355</b>	<b>472</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>												
	<b>55</b>	<b>50</b>	<b>177</b>	<b>942</b>	<b>792</b>	<b>891</b>	<b>1,030</b>	<b>355</b>	<b>472</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Churchill Park Master Plan Implementation Phase 2	50	590	0	540	0	0	0	0	0	0	2010	2021
Strathcona Pedestrian Bridge	0	0	0	0	0	0	0	0	418	6,618	2026	2027
<b>Sub - Total Open Space Development</b>	<b>50</b>	<b>590</b>	<b>0</b>	<b>540</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>418</b>	<b>6,618</b>		
<b><u>Recreation Facilities</u></b>												
Alexander Park Spraypad	194	0	0	0	0	0	0	0	0	0	2017	2018
Victoria Park Outdoor Pool - Redevelopment	0	0	300	2,500	0	0	0	0	0	0	2020	2021
Ryerson Recreation Centre - Refurbishing	0	0	0	0	300	2,200	0	0	0	0	2022	2023
<b>Sub - Total Recreation Facilities</b>	<b>194</b>	<b>0</b>	<b>300</b>	<b>2,500</b>	<b>300</b>	<b>2,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 1 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Locke - Herkimer to Main	150	4,400	0	0	0	0	0	0	0	0	2018	2019
Jones / Oxford / Tecumseh (Strathcona Neighbourhood)	0	0	0	0	1,360	0	0	0	0	0	2022	2022
Marion / Oak Knoll / Carling / Macklin St S / Olmstead / Tope (Westdale South)	0	0	0	0	3,400	0	0	0	0	0	2022	2022
Asset Preservation - Westdale South Neighbourhood (North Section)	0	0	0	0	0	3,000	0	0	0	0	2023	2023
Asset Preservation - Westdale South Neighbourhood (South Section)	0	0	0	0	0	2,900	0	0	0	0	2023	2023
Florence/Morden/Napier/Nelson/Peel/Wellesley (Strathcona Neighbourhood)	0	0	0	0	0	1,640	0	0	0	0	2023	2023
Asset Preservation - Strathcona Neighbourhood	0	0	0	0	0	0	800	0	0	0	2024	2024
Haddon - Sterling to Marion	0	810	0	0	0	0	0	0	0	0	2018	2018

**CITY OF HAMILTON  
 2018 RECOMMENDED PROJECTS &  
 2019-2027 FORECAST  
 FOR WARD 1**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<i>Sub - Total Roads</i>	350	5,410	200	200	4,960	7,740	1,000	200	200	200		
<i>Total Public Works Tax Funded</i>	<u>594</u>	<u>6,000</u>	<u>500</u>	<u>3,240</u>	<u>5,260</u>	<u>9,940</u>	<u>1,000</u>	<u>200</u>	<u>618</u>	<u>6,818</u>		
<i>Grand Total</i>	<u>749</u>	<u>6,150</u>	<u>777</u>	<u>4,282</u>	<u>6,152</u>	<u>10,931</u>	<u>2,130</u>	<u>655</u>	<u>1,090</u>	<u>6,818</u>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 2**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 2 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Parking Services</u></b>												
Summers Lane Reconstruction	500	0	0	0	0	0	0	0	0	0	2018	2019
Waterproofing Rehabilitation - Convention Centre Parking Garage	0	500	500	500	500	500	0	0	0	0	2019	2023
Paint & Signage Preplacement - Convention Centre Parking Garage	0	50	50	50	50	0	0	0	50	0	2019	2026
Paint & signage Replacement - York Boulevard Parkade	0	50	50	50	50	0	0	0	0	0	2019	2022
Fire Door and Window Replacement-York Boulevard Parkade	0	100	100	100	0	0	0	0	0	0	2019	2021
Elevator Upgrades - Convention Centre Parking Garage	0	0	0	50	0	0	0	0	50	0	2021	2026
Fire System Replacement	0	0	100	0	0	0	0	50	0	0	2020	2025
<b>Sub - Total Parking Services</b>	<b>500</b>	<b>700</b>	<b>800</b>	<b>750</b>	<b>600</b>	<b>500</b>	<b>0</b>	<b>50</b>	<b>100</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
St. Mark's Interior Restoration	500	1,000	0	0	0	0	0	50	0	0	2017	2025
2018 Whitehern Hall Conservation	55	0	140	115	250	400	82	95	0	0	2018	2025
<b>Sub - Total Tourism &amp; Culture</b>	<b>555</b>	<b>1,000</b>	<b>140</b>	<b>115</b>	<b>250</b>	<b>400</b>	<b>82</b>	<b>145</b>	<b>0</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>1,055</b>	<b>1,700</b>	<b>940</b>	<b>865</b>	<b>850</b>	<b>900</b>	<b>82</b>	<b>195</b>	<b>100</b>	<b>0</b>		
<b><u>Corporate Facilities</u></b>												
Central Library Window Replacement	1,227	1,200	0	0	0	0	0	0	0	0	2017	2018
Program - Hamilton Farmer's Market	0	480	564	240	100	100	100	100	100	100	2018	Ongoing
<b>Sub - Total Corporate Facilities</b>	<b>1,227</b>	<b>1,680</b>	<b>564</b>	<b>240</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Entertainment Facilities</u></b>												
Program FirstOntario Concert Hall Replacements and Renovations	200	100	100	0	0	0	0	0	0	0	2018	2020
Program HCC, FOCH & FOC Lifecycle Renewal	500	800	800	800	800	800	800	800	800	800	2018	Ongoing
First Ontario Centre Vertical Transportation	4,300	0	0	0	0	0	0	0	0	0	2018	2018
Hamilton Convention Centre Exterior Restoration Program of Courtyard, Stairwells and Elevate	2,000	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Entertainment Facilities</b>	<b>7,000</b>	<b>900</b>	<b>900</b>	<b>800</b>								

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 2**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Open Space Development</u></b>												
Gore Master Plan (Open Space Development Blk)	0	1,800	0	0	0	0	0	0	0	0	2016	2018
John St. N. & Rebecca St. Park - Master Plan Implementation	360	0	0	1,225	1,225	0	0	0	0	0	2018	2022
John St. N. & Rebecca St. Park - Land Acquisition	1,550	0	0	0	0	0	0	0	0	0	2018	2018
Central Park Redevelopment	1,647	0	0	0	0	0	0	0	0	0	2018	2018
Beasley Park - Kelly Street Pedestrianization	0	550	0	0	0	0	0	0	0	0	2019	2019
City Hall Peace Garden	0	90	0	0	0	0	0	0	0	0	2019	2019
Eastwood Park Redevelopment	0	0	0	100	700	0	0	0	0	0	2021	2022
<b>Sub - Total Open Space Development</b>	<b>3,557</b>	<b>2,440</b>	<b>0</b>	<b>1,325</b>	<b>1,925</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Durand Washroom Facility	50	200	88	0	0	0	0	0	0	0	2018	2020
Parks North Yard at Bayfront Park	3,115	0	0	0	0	0	0	0	0	0	2018	2018
Bennetto Recreation Centre - Expansion	0	0	0	0	200	1,800	0	0	0	0	2022	2023
<b>Sub - Total Recreation Facilities</b>	<b>3,165</b>	<b>200</b>	<b>88</b>	<b>0</b>	<b>200</b>	<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 2 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 313 - Arkledun Ave (Jolley Cut), over Claremont Access	350	0	0	0	0	0	250	300	0	6,600	2018	2027
Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	150	1,100	0	0	0	0	0	0	0	0	2017	2019
Area Rating - New Traffic Signal - John @ Forest	200	0	0	0	0	0	0	0	0	0	2018	2018
Area Rating - New Traffic Signal - Main & Ferguson	200	0	0	0	0	0	0	0	0	0	2018	2018
Sheaffe / Cannon / Caroline / Railway / Mill / Harriet (Central Park)	1,380	0	0	0	0	0	0	0	0	0	2018	2018
Two Way Road Conversion	340	0	0	0	0	0	0	0	0	0	2016	2018
North End Traffic Management Plan (NETMP) Study	0	50	0	0	0	0	0	0	0	0	2017	2019
Ferguson/Foster/Walnut/Patrick	0	380	0	0	0	0	0	0	0	0	2019	2019
Sheaffe / Park / Mulberry (Central Neighbourhood (North))	0	1,490	0	0	0	0	0	0	0	0	2019	2019
Asset Preservation - Central Neighbourhood	0	0	1,900	0	0	0	0	0	0	0	2020	2020
Jame - St. James Place to Herkimer	0	0	0	0	0	0	160	0	0	0	2024	2024
York - Caroline to Dundurn	0	0	0	0	0	0	0	1,900	0	0	2025	2025
Banner Program	0	0	100	0	0	0	0	0	0	0	2020	2020
<b>Sub - Total Roads</b>	<b>2,820</b>	<b>3,220</b>	<b>2,200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>610</b>	<b>2,400</b>	<b>200</b>	<b>6,800</b>		
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>												
Marina Services & Gas Dock	345	0	0	0	0	0	0	0	0	0	2015	2018
Pier 5-7 Marina Shoreline Rehab	2,105	0	0	0	0	0	0	0	0	0	2015	2018
Real Estate Disposition Process	250	250	0	0	0	0	0	0	0	0	2016	2019
Pier 5-7 Boardwalk	625	0	0	7,000	0	0	0	0	0	0	2016	2021

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 2**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>												
Pier 7 Commercial Village	800	0	0	0	0	0	0	0	0	0	2016	2018
Pier 8 Shorewall	5,000	0	0	0	0	0	0	0	0	0	2016	2018
Pier 8 Promenade	7,150	0	0	0	0	0	0	0	0	0	2016	2018
Bayfront Park Beach Rehab	300	0	0	0	0	0	0	0	0	0	2016	2018
Bar-Tiff Site Remediation	500	0	0	0	0	0	0	0	0	0	2016	2018
Pier 6-8 Servicing Construction	4,500	0	0	0	0	0	0	0	0	0	2017	2018
Pier 8 Park	1,200	0	0	0	0	0	0	0	0	0	2017	2018
Barton-Tiffany Real Estate Solicitation Plan	100	0	0	0	0	0	0	0	0	0	2017	2018
Macassa Bay Shoreline Improvements	150	3,570	700	0	0	0	0	0	0	0	2018	2020
Macassa Bay Boardwalk and Trail	150	4,520	0	0	0	0	0	0	0	0	2018	2019
West Harbour Public Art	450	800	120	160	0	310	0	0	0	0	2018	2023
James Street CSO Tank overflow pipe	375	0	0	0	0	0	0	0	0	0	2018	2018
Central Neighbourhood Reconstruction (Central Park)	690	0	0	0	0	0	0	0	0	0	2018	2018
Central Park Remediation	800	0	0	0	0	0	0	0	0	0	2016	2018
Marketing Communication Imp.	0	70	0	0	0	0	0	0	0	0	2016	2019
Bayfront Park Upgrades Ph 2	0	950	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total West Harbour &amp; Waterfront Strate</b>	<b>25,490</b>	<b>10,160</b>	<b>820</b>	<b>7,160</b>	<b>0</b>	<b>310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Public Works Tax Funded</b>	<b>43,259</b>	<b>18,600</b>	<b>4,572</b>	<b>9,725</b>	<b>3,225</b>	<b>3,210</b>	<b>1,510</b>	<b>3,300</b>	<b>1,100</b>	<b>7,700</b>		
<b>Grand Total</b>	<b>44,414</b>	<b>20,400</b>	<b>5,612</b>	<b>10,690</b>	<b>4,175</b>	<b>4,210</b>	<b>1,692</b>	<b>3,595</b>	<b>1,200</b>	<b>7,700</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 3**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 3 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
Children's Museum Expansion-Exhibits	350	0	900	400	0	0	0	0	100	0	2018	2026
<b>Sub - Total Tourism &amp; Culture</b>	<b>350</b>	<b>0</b>	<b>900</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>350</b>	<b>0</b>	<b>900</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Gage Park Redevelopment - Walkway lighting & Paving	400	600	0	0	0	0	0	0	0	0	2012	2019
Stadium Precinct Community Park	0	5,000	2,100	0	0	0	0	0	0	0	2019	2020
<b>Sub - Total Open Space Development</b>	<b>400</b>	<b>5,600</b>	<b>2,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Pinky Lewis Recreation Centre Expansion Project	500	0	0	0	250	2,880	0	0	0	0	2009	2023
<b>Sub - Total Recreation Facilities</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>	<b>2,880</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 3 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 329 - Burlington St E over Wilcox St	0	0	3,000	0	0	0	0	0	0	0	2012	2020
Burlington & Industrial - Birch to Gage	0	100	5,200	0	0	0	0	0	0	0	2017	2020
Cheever - Barton to Birge and Birge - Cheever to Wentworth	0	620	0	0	0	0	0	0	0	0	2019	2019
Victoria Ave N - One-way to Two-way Traffic Conversion - Phase 2	0	450	0	0	0	0	0	0	0	0	2019	2019
Sherman Access East Retaining Wall Replacement	0	0	170	0	1,000	0	0	0	0	0	2020	2022
Industrial - Ottawa to Gage / Gage / Depew	0	0	0	2,290	0	0	0	0	0	0	2021	2021
Asset Preservation - Industrial Sector A and B Neighbourhood	0	0	0	1,300	0	0	0	0	0	0	2021	2021
Bridge 330 - Birch Ave, 75m s/o Burlington St E	0	0	0	0	0	0	340	170	0	2,500	2024	2027
Bridge 332 - Birch Ave, 95m n/o Princess St	0	0	0	0	0	0	340	170	0	2,500	2024	2027
Wilson - Wentworth to Sherman	0	0	0	0	0	0	100	2,300	0	0	2024	2025
Sanford - Main to Cannon	0	0	0	0	0	0	0	150	1,480	0	2025	2026
Sanford - Cannon to Barton	0	0	0	0	0	0	0	0	0	930	2027	2027
Stipeley Neighbourhood (South) - Connaught / Balasm / Dunsmore	0	0	0	0	0	0	0	0	0	2,000	2027	2027

**CITY OF HAMILTON  
 2018 RECOMMENDED PROJECTS &  
 2019-2027 FORECAST  
 FOR WARD 3**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<i>Sub - Total Roads</i>	200	1,370	8,570	3,790	1,200	200	980	2,990	1,680	8,130		
<i>Total Public Works Tax Funded</i>	<u>1,100</u>	<u>6,970</u>	<u>10,670</u>	<u>3,790</u>	<u>1,450</u>	<u>3,080</u>	<u>980</u>	<u>2,990</u>	<u>1,680</u>	<u>8,130</u>		
<i>Grand Total</i>	<u>1,550</u>	<u>7,070</u>	<u>11,670</u>	<u>4,290</u>	<u>1,550</u>	<u>3,180</u>	<u>1,080</u>	<u>3,090</u>	<u>1,780</u>	<u>8,130</u>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 4**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 4 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
Hamilton Museum of Steam & Technology Keeper Steps	65	200	0	55	265	155	500	500	0	0	2018	2025
<b>Sub - Total Tourism &amp; Culture</b>	<b>65</b>	<b>200</b>	<b>0</b>	<b>55</b>	<b>265</b>	<b>155</b>	<b>500</b>	<b>500</b>	<b>0</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>65</b>	<b>200</b>	<b>0</b>	<b>55</b>	<b>265</b>	<b>155</b>	<b>500</b>	<b>500</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
W4 Pipeline Trail	300	300	600	0	0	0	0	0	0	0	2016	2020
AM Cunningham Park redevelopment	338	0	0	0	0	0	0	0	0	0	2018	2018
McQuesten Urban Fitness Trail	0	0	200	0	0	0	0	0	0	0	2016	2020
Andrew Warburton Memorial Park	0	100	0	700	0	0	0	0	0	0	2019	2021
Kenilworth Parking Lot	0	200	0	0	0	0	0	0	0	0	2019	2019
Roxborough Park Redevelopment	0	0	600	0	0	0	0	0	0	0	2020	2020
Rennie Street Works Yard - Proposed Park	0	0	0	500	0	0	0	0	0	0	2021	2021
Leaside Park Redevelopment	0	0	0	0	0	400	0	0	0	0	2023	2023
<b>Sub - Total Open Space Development</b>	<b>638</b>	<b>600</b>	<b>1,400</b>	<b>1,200</b>	<b>0</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Parkdale Outdoor Pool Redevelopment	1,000	1,600	0	0	0	0	0	0	0	0	2015	2019
Sir Winston Churchill Recreation Centre - Expansion & Renovation	0	0	0	0	0	0	500	5,000	0	0	2024	2025
<b>Sub - Total Recreation Facilities</b>	<b>1,000</b>	<b>1,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>5,000</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 4 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Area Rating - Barnaby / Corbett / Quebec / Waterloo	1,360	0	0	0	0	0	0	0	0	0	2018	2018
Barton - Parkdale to Talbot	0	100	100	1,820	0	0	0	0	0	0	2019	2021
Roxborough - Kenilworth to Strathearne (Homeside Neighbourhood)	0	1,800	0	0	0	0	0	0	0	0	2019	2019
Brampton - Parkdale to Strathearne	0	1,900	0	0	0	0	0	0	0	0	2019	2019
Parkdale - Burlington to north end & Steel City Crt - Parkdale to 100m easterly	0	1,180	0	0	0	0	0	0	0	0	2019	2019
Asset Preservation - Homeside Neighbourhood (South)	0	0	1,510	0	0	0	0	0	0	0	2020	2020

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
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FOR WARD 4**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Roads</b>												
Bridge 327 - Burlington Street Overpass over Strathearne	0	0	0	300	0	5,200	0	0	0	0	2021	2023
Strathearne - Brampton to gate at north end	0	0	0	150	150	3,000	0	0	0	0	2021	2023
Brampton - Parkdale to Woodward	0	0	0	0	0	150	150	2,100	0	0	2023	2025
Burlington - Tire to MTO Limit (eastbound lanes)	0	0	0	0	0	0	1,200	0	0	0	2024	2024
Beach - Ottawa to Kenilworth	0	0	0	0	0	0	0	440	0	0	2025	2025
Steel City Court - 100m e/o Parkdale to East End	0	0	0	0	0	0	0	150	150	1,300	2025	2027
<b>Sub - Total Roads</b>	<b>1,560</b>	<b>5,180</b>	<b>1,810</b>	<b>2,470</b>	<b>350</b>	<b>8,550</b>	<b>1,550</b>	<b>2,890</b>	<b>350</b>	<b>1,500</b>		
<b>Total Public Works Tax Funded</b>	<b>3,198</b>	<b>7,380</b>	<b>3,210</b>	<b>3,670</b>	<b>350</b>	<b>8,950</b>	<b>2,050</b>	<b>7,890</b>	<b>350</b>	<b>1,500</b>		
<b>Grand Total</b>	<b>3,363</b>	<b>7,680</b>	<b>3,310</b>	<b>3,825</b>	<b>715</b>	<b>9,205</b>	<b>2,650</b>	<b>8,490</b>	<b>350</b>	<b>1,500</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 5**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 5 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
Food Centre Pilot Project - Board of Health 15-007	70	0	0	0	0	0	0	0	0	0	2016	2018
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>170</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>170</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Corporate Facilities</u></b>												
Program - King's Forest Golf Course Improvements	0	0	0	6,042	0	0	0	0	0	0	2021	2021
<b>Sub - Total Corporate Facilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,042</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Beach Park Development Program	100	100	100	100	100	100	100	100	100	100	2018	Ongoing
RHV Trails Master Plan - The Nest	300	0	0	0	0	0	0	0	0	0	2018	2018
Confederation Park Redevelopment	0	0	4,160	0	0	574	2,000	0	0	0	2013	2042
Nash Orchard Park	0	0	560	0	0	0	0	0	0	0	2015	2020
<b>Sub - Total Open Space Development</b>	<b>400</b>	<b>100</b>	<b>4,820</b>	<b>100</b>	<b>100</b>	<b>674</b>	<b>2,100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Recreation Facilities</u></b>												
Sir Wilfrid Laurier Gymnasium Replacement/Addition.	550	6,050	0	0	0	0	0	0	0	0	2017	2019
Domenic Agostino Riverdale Community Centre - Expansion	500	4,500	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Recreation Facilities</b>	<b>1,050</b>	<b>10,550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 5 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Centennial Bridge over the QEW - multi-use path	170	0	0	0	0	0	0	0	0	0	2017	2017
Area Rating - Dumbarton - Rosedale to east end	300	0	0	0	0	0	0	0	0	0	2018	2018
Bow Valley Drive - Barton to Vittorito & Honeywell Court	670	0	0	0	0	0	0	0	0	0	2018	2018
South Service Rd - Centennial to Gray	0	0	0	0	0	0	1,960	0	0	0	2024	2024
Van Wagners Beach & Nash	0	0	0	0	0	0	800	0	0	0	2024	2024
Nash - Barton to Bancroft	0	0	0	0	0	0	360	0	0	0	2024	2024
Beach Boulevard - Woodward to Eastport	0	0	0	0	0	0	0	3,910	0	0	2025	2025
Grays - Barton to Community	0	0	0	0	0	0	0	1,000	0	0	2025	2025
<b>Sub - Total Roads</b>	<b>1,340</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>3,320</b>	<b>5,110</b>	<b>200</b>	<b>200</b>		
<b>Total Public Works Tax Funded</b>	<b>2,790</b>	<b>10,850</b>	<b>5,020</b>	<b>6,342</b>	<b>300</b>	<b>874</b>	<b>5,420</b>	<b>5,210</b>	<b>300</b>	<b>300</b>		

**CITY OF HAMILTON  
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 FOR WARD 5**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Grand Total</b>	<b>2,960</b>	<b>10,950</b>	<b>5,120</b>	<b>6,442</b>	<b>400</b>	<b>974</b>	<b>5,520</b>	<b>5,310</b>	<b>300</b>	<b>300</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 6**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 6 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Stonechurch Road Trail Link @ Dartnall	0	200	0	0	0	0	0	0	0	0	2019	2019
Mohawk Sports Park Sportsfield Lighting	0	0	0	0	84	0	373	0	0	0	2022	2024
<b>Sub - Total Open Space Development</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>373</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Bernie Arbour Stadium - Upgrades	150	150	150	150	150	150	0	0	0	0	2016	2023
Huntington Park Recreation Centre Retrofit Phase 2	0	0	740	0	0	0	0	0	0	0	2020	2020
<b>Sub - Total Recreation Facilities</b>	<b>150</b>	<b>150</b>	<b>890</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 6 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Mohawk - Upper Ottawa to Upper Kenilworth	3,300	0	0	0	0	0	0	0	0	0	2016	2018
Area Rating - Fennell - Upper Sherman to Upper Gage	800	0	0	0	0	0	0	0	0	0	2018	2018
Area Rating - Upper Gage Ave - Seventh to Concession (W6 A/R)	1,010	0	0	0	0	0	0	0	0	0	2018	2018
Asset Preservation - Trenholme Neighbourhood	0	0	0	1,400	0	0	0	0	0	0	2021	2021
Mountain Brow - Upper Gage to Upper Ottawa	0	0	0	0	600	0	0	0	0	0	2022	2022
Upper Gage - Mohawk to Seventh Ave	0	0	0	0	800	0	0	0	0	0	2022	2022
Upper Kenilworth - Fennell to Limeridge	0	0	0	0	0	2,350	0	0	0	0	2023	2023
Mohawk - Upper Kenilworth to Mountain Brow	0	0	0	0	0	0	560	0	0	0	2024	2024
Upper Ottawa - Stone Church to Reno	0	0	0	0	0	0	0	0	1,850	0	2026	2026
Mountain Brow Blvd - Mohawk to Limeridge	0	0	0	0	0	0	0	0	0	960	2027	2027
<b>Sub - Total Roads</b>	<b>5,310</b>	<b>200</b>	<b>200</b>	<b>1,600</b>	<b>1,600</b>	<b>2,550</b>	<b>760</b>	<b>200</b>	<b>2,050</b>	<b>1,160</b>		
<b>Total Public Works Tax Funded</b>	<b>5,460</b>	<b>550</b>	<b>1,090</b>	<b>1,750</b>	<b>1,834</b>	<b>2,700</b>	<b>1,133</b>	<b>200</b>	<b>2,050</b>	<b>1,160</b>		
<b>Grand Total</b>	<b>5,560</b>	<b>650</b>	<b>1,190</b>	<b>1,850</b>	<b>1,934</b>	<b>2,800</b>	<b>1,233</b>	<b>300</b>	<b>2,050</b>	<b>1,160</b>		

**CITY OF HAMILTON  
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2019-2027 FORECAST  
FOR WARD 7**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 7 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>0</b>	<b>0</b>									
<b><u>Total Council Initiatives</u></b>												
	<b>100</b>	<b>0</b>	<b>0</b>									
<b><u>Corporate Facilities</u></b>												
Rymal Yard Building Envelope Repairs	150	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Corporate Facilities</b>	<b>150</b>	<b>0</b>										
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>												
Rymal Yard Building Envelope Repairs	75	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total O &amp; M - Parks &amp; Cemeteries</b>	<b>75</b>	<b>0</b>										
<b><u>Open Space Development</u></b>												
Sam Lawrence Park	0	100	0	500	0	0	0	0	0	0	2016	2021
Olmstead Natural Open Space - Monitoring	0	50	0	0	0	0	0	0	0	0	2008	2019
Eastmount Park Spray Pad Redevelopment	0	0	0	50	300	0	0	0	0	0	2021	2022
Tennis Court Improvements	0	0	0	0	0	0	0	0	0	200	2027	2027
Billy Sherring	0	0	0	0	0	0	0	0	0	2,452	2027	2027
<b>Sub - Total Open Space Development</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>550</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,652</b>		
<b><u>Recreation Facilities</u></b>												
Mountain Arena Elevators	0	0	0	0	0	0	0	0	0	0	2017	2018
Hill Park Recreation Centre - Renovation	400	0	0	0	0	0	0	0	0	0	2018	2018
Sackville Hill Senior Expansion & Renovation	0	0	0	0	0	0	0	0	550	5,500	2026	2027
Turner Park - Parking Lot	0	550	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Recreation Facilities</b>	<b>400</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550</b>	<b>5,500</b>		
<b><u>Roads</u></b>												
Rymal Yard Building Envelope Repairs	75	0	0	0	0	0	0	0	0	0	2018	2018
Council Priority - Ward 7 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Asset Preservation - Burkholme Neighbourhood	4,700	0	0	0	0	0	0	0	0	0	2018	2018
Mackenzie - East 27th to Upper Sherman (Burkholme Neighbourhood)	450	0	0	0	0	0	0	0	0	0	2018	2018
Area Rating - Mall Road - Limeridge Mall private road to Mohawk	350	0	0	0	0	0	0	0	0	0	2018	2018
Area Rating - Thorne Neighbourhood (North Section)	1,000	0	0	0	0	0	0	0	0	0	2018	2018

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 7**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Roads</b>												
Area Rating - Viceroy - Callie to north end	200	0	0	0	0	0	0	0	0	0	2018	2018
Asset Preservation - Balfour Neighbourhood	0	2,400	0	0	0	0	0	0	0	0	2019	2019
Bruceedale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood)	0	1,950	0	0	0	0	0	0	0	0	2019	2019
Asset Preservation - Eastmount Neighbourhood	0	0	2,220	0	0	0	0	0	0	0	2020	2020
Upper Wellington - Bryna to Mohawk	0	0	0	0	100	100	2,800	0	0	0	2022	2024
Fennell - Upper James to Upper Wellington	0	0	0	0	0	0	2,900	0	0	0	2024	2024
Rymal - Upper James to Upper Wellington	0	0	0	0	0	0	100	100	3,230	0	2024	2026
Fennell - Upper Wentworth to Upper Sherman	0	0	0	0	0	0	0	0	0	660	2027	2027
Upper Sherman - LINC to Mohawk	0	0	0	0	0	0	0	0	0	890	2027	2027
Rymal - Upper Wellington to Upper Wentworth	0	0	0	0	0	0	0	0	0	100	2027	2030
<b>Sub - Total Roads</b>	<b>6,975</b>	<b>4,550</b>	<b>2,420</b>	<b>200</b>	<b>300</b>	<b>300</b>	<b>6,000</b>	<b>300</b>	<b>3,430</b>	<b>1,850</b>		
<b>Total Public Works Tax Funded</b>	<b>7,700</b>	<b>5,250</b>	<b>2,420</b>	<b>750</b>	<b>600</b>	<b>300</b>	<b>6,000</b>	<b>300</b>	<b>3,980</b>	<b>10,002</b>		
<b>Grand Total</b>	<b>7,700</b>	<b>5,350</b>	<b>2,520</b>	<b>850</b>	<b>700</b>	<b>400</b>	<b>6,100</b>	<b>400</b>	<b>3,980</b>	<b>10,002</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 8**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Area Rating Special Capital Reinvestment</u></b>												
Ward 8 Capital Reinvestment	100	100	100	100	100	100	100	100	0	0	2018	Ongoing
<b>Sub - Total Area Rating Special Capital Reinv</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b>Total Council Initiatives</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
Auchmar Wall Project	547	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Tourism &amp; Culture</b>	<b>547</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>547</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
William Connell Community Park	250	0	0	0	0	0	0	0	0	0	2017	2018
Chedoke Falls Viewing Feasibility Study	60	0	0	0	0	0	0	0	0	0	2018	2018
Southam Park Master Plan	0	0	0	80	0	300	0	0	0	0	2021	2023
Gourley Park Spray Pad Redevelopment	0	0	0	50	300	0	0	0	0	0	2021	2022
Shawinigan Park Spray Pad Redevelopment	0	0	0	50	300	0	0	0	0	0	2021	2022
William Connell Phase 2	0	0	0	0	1,200	0	0	0	0	0	2022	2022
<b>Sub - Total Open Space Development</b>	<b>310</b>	<b>0</b>	<b>0</b>	<b>180</b>	<b>1,800</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
William Connell Park Washroom Facility	700	980	0	0	0	0	0	0	0	0	2016	2019
Chedoke Splashpad Redevelopment	0	0	0	0	0	0	0	0	500	0	2015	2026
<b>Sub - Total Recreation Facilities</b>	<b>700</b>	<b>980</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>0</b>		
<b><u>Roads</u></b>												
Rymal W - Garth to West 5th	5,770	0	0	0	0	0	0	0	0	0	2014	2018
Council Priority - Ward 8 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Columbia/Hudson/Leadale/Marcus/Stacey/Verona (Buchanan Neighbourhood)	2,680	0	0	0	0	0	0	0	0	0	2018	2018
South Bend & Delmar (Buchanan Neighbourhood)	1,710	0	0	0	0	0	0	0	0	0	2018	2018
Southridge Court cul-de-sac (Chedoke Hospital Lands)	90	0	0	0	0	0	0	0	0	0	2018	2018
Asset Preservation - Buchanan Neighbourhood	0	1,700	0	0	0	0	0	0	0	0	2019	2019
Asset Preservation - Mountview Neighbourhood (Southwest Section)	0	2,290	0	0	0	0	0	0	0	0	2019	2019
Asset Preservation - Bonnington Neighbourhood	0	0	0	2,600	0	0	0	0	0	0	2021	2021
Scenic - Chateau Crt to Upper Paradise	0	0	0	0	1,000	0	0	0	0	0	2022	2022
Scenic - Upper Paradise to Garth & Denlow	0	0	0	0	0	100	2,980	0	0	0	2023	2024

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 8**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Roads</b>												
West 5th - Rymal to Stone Church (SMA)	0	0	0	0	0	100	100	2,100	0	0	2023	2025
Asset Preservation - Rolston Neighbourhood (North Section)	0	0	0	0	0	0	2,300	0	0	0	2024	2024
Asset Preservation - Rosedale Neighbourhood	0	0	0	0	0	0	3,600	0	0	0	2024	2024
Rymal - Glancaster to Upper Paradise	0	0	0	0	0	0	100	2,130	0	0	2024	2025
Upper Paradise - Sanatorium to Scenic	0	0	0	0	0	0	0	740	0	0	2025	2025
Asset Preservation - Rolston Neighbourhood (South Section)	0	0	0	0	0	0	0	3,600	0	0	2025	2025
<b>Sub - Total Roads</b>	<b>10,450</b>	<b>4,190</b>	<b>200</b>	<b>2,800</b>	<b>1,200</b>	<b>400</b>	<b>9,280</b>	<b>8,770</b>	<b>200</b>	<b>200</b>		
<b>Total Public Works Tax Funded</b>	<b>11,460</b>	<b>5,170</b>	<b>200</b>	<b>2,980</b>	<b>3,000</b>	<b>700</b>	<b>9,280</b>	<b>8,770</b>	<b>700</b>	<b>200</b>		
<b>Grand Total</b>	<b>12,107</b>	<b>5,270</b>	<b>300</b>	<b>3,080</b>	<b>3,100</b>	<b>800</b>	<b>9,380</b>	<b>8,870</b>	<b>700</b>	<b>200</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 9**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Hamilton Public Library</u></b>												
Valley Park Library Expansion	4,999	0	0	0	0	0	0	0	0	0	2017	2019
<b>Sub - Total Hamilton Public Library</b>	<b>4,999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Outside Boards &amp; Agencies</b>	<b>4,999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Tourism &amp; Culture</u></b>												
Gage House Upper Rooms	0	222	300	0	200	0	0	50	0	0	2018	2025
<b>Sub - Total Tourism &amp; Culture</b>	<b>0</b>	<b>222</b>	<b>300</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>0</b>	<b>222</b>	<b>300</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Heritage Green Community Sports Park Implementation	80	500	0	0	1,000	0	0	0	0	0	2015	2022
Highbury Meadows North Park (Proposed)	80	0	545	0	0	0	0	0	0	0	2018	2020
Cline Park Redevelopment	60	0	500	0	0	0	0	0	0	0	2018	2020
Red Hill Phase 3 and 4 Park	0	650	0	0	0	0	0	0	0	0	2019	2019
Highland Road Park (Proposed) - Central Park Development	0	690	0	0	0	0	0	0	0	0	2019	2019
<b>Sub - Total Open Space Development</b>	<b>220</b>	<b>1,840</b>	<b>1,045</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Maplewood Park Washroom Lifecycle Repairs	100	0	0	0	0	0	0	0	0	0	2018	2018
Valley Park Community Centre Fit-up	0	0	0	500	500	0	0	0	0	0	2017	2022
<b>Sub - Total Recreation Facilities</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 9 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 366 - Mud St W, 320m e/o Paramount Dr	100	650	0	0	0	0	0	0	0	0	2018	2021
Bridge 407 - Queenston Rd, 320m e/o Lake Ave	130	0	200	0	0	0	0	0	0	0	2018	2020
Bridge 048 - Jones St, 110m w/o King St E	0	0	0	30	170	0	500	0	0	0	2021	2024
Bridge 049 - Collegiate Ave, 30m w/o Donn Ave	0	0	0	30	170	0	500	0	0	0	2021	2024
Lake Avenue - Queenston to Barton	0	0	0	0	150	150	3,400	0	0	0	2022	2024
Paramount - Winterberry to Mud (south side of Mud)	0	0	0	0	0	0	1,000	0	0	0	2024	2024
Asset Preservation - Battlefield Neighbourhood	0	0	0	0	0	0	0	4,100	0	0	2025	2025
Mud - Paramount to Upper Centennial Parkway	0	0	0	0	0	0	0	0	2,150	0	2026	2026
Upper Centennial - Rymal to 720 metres n/o Highland	0	0	0	0	0	0	0	0	0	1,620	2027	2027
<b>Sub - Total Roads</b>	<b>430</b>	<b>850</b>	<b>400</b>	<b>260</b>	<b>690</b>	<b>350</b>	<b>5,600</b>	<b>4,300</b>	<b>2,350</b>	<b>1,820</b>		

**CITY OF HAMILTON  
 2018 RECOMMENDED PROJECTS &  
 2019-2027 FORECAST  
 FOR WARD 9**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<i>Total Public Works Tax Funded</i>	<u>750</u>	<u>2,690</u>	<u>1,445</u>	<u>760</u>	<u>2,190</u>	<u>350</u>	<u>5,600</u>	<u>4,300</u>	<u>2,350</u>	<u>1,820</u>		
<i>Grand Total</i>	<u>5,749</u>	<u>2,912</u>	<u>1,745</u>	<u>760</u>	<u>2,390</u>	<u>350</u>	<u>5,600</u>	<u>4,350</u>	<u>2,350</u>	<u>1,820</u>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 10**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Open Space Development</u></b>												
Hunter Estates Park Sun Shelter	0	0	0	0	0	0	0	60	0	0	2025	2025
<b><i>Sub - Total Open Space Development</i></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Saltfleet Multi-Purpose Recreation Complex Feasibility	0	100	0	0	0	0	0	3,630	40,000	0	2019	2026
<b><i>Sub - Total Recreation Facilities</i></b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,630</b>	<b>40,000</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 10 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Barton - Gray to Green	1,080	0	0	0	0	0	0	0	0	0	2018	2018
New Traffic Signal - Drakes @ North Service Rd	80	270	0	0	0	0	0	0	0	0	2018	2019
Hewitson - Dupont to Barton	300	600	0	0	0	0	0	0	0	0	2018	2019
Asset Preservation - Dewitt Neighbourhood	0	0	0	0	4,100	0	0	0	0	0	2022	2022
Dewitt - Hwy 8 to Barton	0	0	0	0	0	0	630	0	0	0	2024	2024
Green - Hwy 8 to Barton	0	0	0	0	0	0	0	550	0	0	2025	2025
Green - Barton to South Service	0	0	0	0	0	0	0	440	0	0	2025	2025
King - Stoney Brook to Highway No. 8	0	0	0	0	0	0	0	0	1,150	0	2026	2026
<b><i>Sub - Total Roads</i></b>	<b>1,660</b>	<b>1,070</b>	<b>200</b>	<b>200</b>	<b>4,300</b>	<b>200</b>	<b>830</b>	<b>1,190</b>	<b>1,350</b>	<b>200</b>		
<b><i>Total Public Works Tax Funded</i></b>	<b>1,660</b>	<b>1,170</b>	<b>200</b>	<b>200</b>	<b>4,300</b>	<b>200</b>	<b>830</b>	<b>4,880</b>	<b>41,350</b>	<b>200</b>		
<b><i>Grand Total</i></b>	<b>1,660</b>	<b>1,170</b>	<b>200</b>	<b>200</b>	<b>4,300</b>	<b>200</b>	<b>830</b>	<b>4,880</b>	<b>41,350</b>	<b>200</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 11**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Hamilton Public Library</u></b>												
Mount Hope Library Expansion	0	0	0	0	1,880	0	0	0	0	0	2022	2023
<b>Sub - Total Hamilton Public Library</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,880</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Total Outside Boards &amp; Agencies</u></b>												
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,880</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Corporate Facilities</u></b>												
Stoney Creek City Hall -RCMP Lease Capital Replacement	210	210	210	210	210	210	210	210	210	210	2018	Ongoing
<b>Sub - Total Corporate Facilities</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>	<b>210</b>		
<b><u>Open Space Development</u></b>												
Mount Hope Park Development	500	150	0	0	0	0	0	0	0	0	2014	2019
Glanbrook Hills Phase 2	100	0	0	0	0	0	0	0	0	0	2018	2018
Caterini Park (Binbrook)	610	0	0	0	0	0	0	0	0	0	2018	2018
Fifty Road Parkette Redevelopment	100	500	0	0	0	0	0	0	0	0	2018	2019
Lewis Road Park (Winona)	0	100	0	600	0	0	0	0	0	0	2019	2021
Brooks @ Rymal Park (Proposed) - Summit Ph 10 Development	0	500	0	0	0	0	0	0	0	0	2019	2019
Fruitland/Winona Parkland	0	8,000	0	0	0	1,100	0	0	0	0	2019	2023
Mountaingate North Park - Developer Build	0	0	700	0	0	0	0	0	0	0	2015	2020
Fletcher Road Parkette (Proposed)	0	0	0	0	170	0	0	0	0	0	2022	2022
The Crossings Park (Proposed)	0	0	0	0	650	0	0	0	0	0	2022	2022
<b>Sub - Total Open Space Development</b>	<b>1,310</b>	<b>9,250</b>	<b>700</b>	<b>600</b>	<b>820</b>	<b>1,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Glanbrook Arena Elevator	600	0	0	0	0	0	0	0	0	0	2018	2018
Binbrook Recreation Centre Feasibility	0	100	0	0	0	2,200	22,000	0	0	0	2019	2024
Recreation Centre (Winona - New)	0	0	0	2,000	19,000	0	0	0	0	0	2021	2022
Mt. Hope New Recreation Facility	0	0	0	0	350	3,850	0	0	0	0	2022	2023
<b>Sub - Total Recreation Facilities</b>	<b>600</b>	<b>100</b>	<b>0</b>	<b>2,000</b>	<b>19,350</b>	<b>6,050</b>	<b>22,000</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 11 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Baseline - Access Road	500	0	0	0	0	0	0	0	0	0	2018	2018
Bridge 150 - Tapleystown Rd, 550m n/o Green Mountain Rd E	200	0	600	0	0	0	0	0	0	0	2018	2020
Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	30	170	0	700	0	0	0	0	0	0	2018	2021
Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd	30	170	0	500	0	0	0	0	0	0	2018	2021
Bridge 404 - Harrison Rd - 910m s/o Kirk Road	170	0	0	0	1,000	0	0	0	0	0	2018	2022

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 11**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Roads</b>												
Bridge 437 - Miles Rd, 610m s/o Dickenson Rd E	130	0	230	0	0	0	0	0	0	0	2018	2020
Bridge 441 - Harrison Rd - 665m n/o Hall Rd	100	350	0	0	0	0	0	0	0	0	2018	2019
Bridge 444 - Guyatt Rd - 200m w.o. Hendershot Rd	130	0	170	0	0	0	0	0	0	0	2018	2020
Dickenson Road Class EA (Upper James to Southcote) (AEGD)	440	0	0	0	0	0	0	0	0	0	2018	2018
New Traffic Signal - Fifty @ North Service Rd	80	270	0	0	0	0	0	0	0	0	2018	2019
New Traffic Signal - Fruitland @ North Service Rd	80	270	0	0	0	0	0	0	0	0	2018	2019
Bridge 417 - Harrison Rd, 310m n/o Hall Rd	0	350	0	0	0	0	0	0	0	0	2014	2019
Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	0	330	0	0	0	0	0	0	0	0	2015	2019
Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	0	340	0	0	0	0	0	0	0	0	2015	2019
RHBP - Nebo - Rymal to Twenty	0	150	4,650	0	0	0	0	0	0	0	2015	2020
RR 56 - Rymal to south limit of ROPA 9	0	6,360	0	0	0	0	0	0	0	0	2017	2019
Bridge 433 - Westbrook Road, 135m n/o Regional Rd 9A	0	40	0	200	0	0	0	0	0	0	2019	2021
Binbrook - Royal Winter/Binhaven to Fletcher	0	4,500	0	0	0	0	0	0	0	0	2019	2019
Fruitland Road By-pass - Barton to Hwy 8	0	5,280	0	0	0	0	0	0	0	0	2019	2019
Fifty Road Escarpment Access	0	0	100	100	2,330	0	0	0	0	0	2020	2022
Twenty Road Class EA (Upper James to Glancaster)	0	0	290	0	0	0	0	0	0	0	2020	2020
RHBP - Dartnall Road Extension - Twenty to Dickenson	0	0	150	150	3,120	0	0	0	0	0	2020	2022
Bridge 359 - Blackheath to 495m n/o Hall Rd	0	0	0	30	100	0	250	0	0	0	2021	2024
Dickenson - Upper James to Glancaster (AEGD)	0	0	0	0	0	150	150	12,940	0	0	2023	2025
Arvin - Glover to east end	0	0	0	0	0	0	620	0	0	0	2024	2024
Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	0	0	0	0	0	0	0	100	0	380	2025	2027
Barton St - Fruitland to Fifty (Fruitland - Winona)	0	0	0	0	0	0	0	150	19,520	0	2025	2026
RHBP - Dickenson - w/o Nebo to w/o Glover	0	0	0	0	0	0	0	730	150	3,860	2025	2027
Fifty Rd - QEW to Hwy. 8	0	0	0	0	0	0	0	0	2,800	0	2026	2026
<b>Sub - Total Roads</b>	<b>2,090</b>	<b>18,780</b>	<b>6,390</b>	<b>1,880</b>	<b>6,750</b>	<b>350</b>	<b>1,220</b>	<b>14,120</b>	<b>22,670</b>	<b>4,440</b>		
<b>Total Public Works Tax Funded</b>	<b>4,210</b>	<b>28,340</b>	<b>7,300</b>	<b>4,690</b>	<b>27,130</b>	<b>7,710</b>	<b>23,430</b>	<b>14,330</b>	<b>22,880</b>	<b>4,650</b>		
<b>Grand Total</b>	<b>4,210</b>	<b>28,340</b>	<b>7,300</b>	<b>4,690</b>	<b>29,010</b>	<b>7,710</b>	<b>23,430</b>	<b>14,330</b>	<b>22,880</b>	<b>4,650</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 12**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Tourism &amp; Culture</u></b>												
Griffin House Condition Assessment and Remediation	0	0	55	0	75	69	0	80	0	0	2017	2018
Ancaster Old Town Hall Kitchen Renovations	0	0	0	60	120	120	90	72	75	0	2021	Ongoing
<b>Sub - Total Tourism &amp; Culture</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>60</b>	<b>195</b>	<b>189</b>	<b>90</b>	<b>152</b>	<b>75</b>	<b>0</b>		
<b>Total Planning &amp; Economic Development</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>60</b>	<b>195</b>	<b>189</b>	<b>90</b>	<b>152</b>	<b>75</b>	<b>0</b>		
<b><u>Corporate Facilities</u></b>												
Ancaster Memorial Arts & Culture Centre	11,200	0	0	0	0	0	0	0	0	0	2016	2018
<b>Sub - Total Corporate Facilities</b>	<b>11,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Bookjans West Proposed Park (25T 200725) - Ancaster Glen	70	0	300	0	0	0	0	0	0	0	2018	2020
Ancaster Meadows Park (Proposed)	0	500	0	0	0	0	0	0	0	0	2017	2019
Meadowlands Community Park	0	65	410	0	0	0	0	0	0	0	2019	2020
Bookjans East Natural Open Space (25T 200401) - Ancaster Glen	0	0	200	0	0	0	0	0	0	0	2020	2020
<b>Sub - Total Open Space Development</b>	<b>70</b>	<b>565</b>	<b>910</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Ancaster Tennis Bubble	0	0	0	0	0	1,050	0	0	0	0	2023	2023
<b>Sub - Total Recreation Facilities</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,050</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Council Priority - Ward 12 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 372 - Wilson St E, 1700m e/o Rousseaux St (south side original culvert)	30	100	0	570	0	0	0	0	0	0	2018	2021
McClure - Garner Road to approximately 200m northerly	110	0	0	0	0	0	0	0	0	0	2018	2018
New Traffic Signal - Garner & Raymond	250	0	0	0	0	0	0	0	0	0	2018	2018
Southcote - Calder to Garner	0	150	150	0	3,100	0	0	0	0	0	2017	2022
Mohawk - McNiven to Hwy 403	0	150	150	5,000	0	0	0	0	0	0	2019	2021
Book Road Class EA - Hwy 6 to Southcote	0	310	0	0	0	0	0	0	0	0	2019	2019
<b>Sub - Total Roads</b>	<b>590</b>	<b>910</b>	<b>500</b>	<b>5,770</b>	<b>3,300</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Total Public Works Tax Funded</b>	<b>11,860</b>	<b>1,475</b>	<b>1,410</b>	<b>5,770</b>	<b>3,300</b>	<b>1,250</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Grand Total</b>	<b>11,860</b>	<b>1,475</b>	<b>1,465</b>	<b>5,830</b>	<b>3,495</b>	<b>1,439</b>	<b>290</b>	<b>352</b>	<b>275</b>	<b>200</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 13**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Open Space Development</b>												
Valley Community Centre Park	0	0	80	0	0	250	0	0	0	0	2020	2023
Morton Park Redevelopment	0	0	0	60	0	300	0	0	0	0	2021	2023
<b>Sub - Total Open Space Development</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>60</b>	<b>0</b>	<b>550</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Recreation Facilities</b>												
Dundas Valley Community Park Improvement & Pavillion Feasibility	350	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Recreation Facilities</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Roads</b>												
Council Priority - Ward 13 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 090 - McMurray St, 100m s/o of Hatt St	170	0	300	0	0	0	0	0	0	0	2016	2020
Governor's - Creighton to Davidson	2,000	0	0	0	0	0	0	0	0	0	2018	2018
Bridge 089 - Creighton Rd, 30 m s/o Mill St	200	170	0	0	1,000	0	0	0	0	0	2018	2022
Bridge 296 - Governors Rd, 45m e/o Ogilvie St	170	30	170	0	1,300	0	0	0	0	0	2018	2022
Baldwin / Court - West St. to Dundas St.	150	620	0	0	0	0	0	0	0	0	2018	2019
Bridge 248 - King St W, 145m w/o Bond St	0	3,150	0	0	0	0	0	0	0	0	2012	2019
Cairns / East St N / Sleepy Hollow / Spencer / Wilmar (Hunter Neighbourhood)	0	0	0	2,600	0	0	0	0	0	0	2021	2021
Governor's – Main to Ogilvie	0	0	0	0	220	0	0	0	0	0	2022	2022
Asset Preservation - Hunter Neighbourhood	0	0	0	0	1,600	0	0	0	0	0	2022	2022
Asset Preservation - Creighton West Neighbourhood	0	0	0	0	0	2,100	0	0	0	0	2023	2023
Olympic - York to Cootes	0	0	0	0	0	0	880	0	0	0	2024	2024
Asset Preservation - York Heights Neighbourhood	0	0	0	0	0	0	2,300	0	0	0	2024	2024
<b>Sub - Total Roads</b>	<b>2,890</b>	<b>4,170</b>	<b>670</b>	<b>2,800</b>	<b>4,320</b>	<b>2,300</b>	<b>3,380</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Total Public Works Tax Funded</b>	<b>3,240</b>	<b>4,170</b>	<b>750</b>	<b>2,860</b>	<b>4,320</b>	<b>2,850</b>	<b>3,380</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Grand Total</b>	<b>3,240</b>	<b>4,170</b>	<b>750</b>	<b>2,860</b>	<b>4,320</b>	<b>2,850</b>	<b>3,380</b>	<b>200</b>	<b>200</b>	<b>200</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 14**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Hamilton Public Library</u></b>												
New Library - Greensville	1,345	0	0	0	0	0	0	0	0	0	2017	2018
<b>Sub - Total Hamilton Public Library</b>	<b>1,345</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Outside Boards &amp; Agencies</b>	<b>1,345</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Spencer Creek Estates (14)	60	0	200	0	0	0	0	0	0	0	2018	2020
Johnson Tew Planting	0	50	50	50	0	0	0	0	0	0	2019	2021
<b>Sub - Total Open Space Development</b>	<b>60</b>	<b>50</b>	<b>250</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Bridge 450 - Highway No. 5, 150m w/o Hunter Rd	1,600	0	0	0	0	0	0	0	0	0	2014	2018
Council Priority - Ward 14 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	130	0	0	400	0	0	0	0	0	0	2018	2021
Brock Rd - Hwy 8 (Bullocks Corners) to Concession 4 W	3,000	0	0	0	0	0	0	0	0	0	2018	2018
Bridge 385 - Westover Rd, 170m n/o Concession 4W	0	350	0	0	0	0	0	0	0	0	2016	2019
Highway 8 - Hillcrest to Park	0	0	1,550	0	0	0	0	0	0	0	2016	2020
Bridge 019 - Norman Rd, 555m e/o Sager Rd	0	0	30	170	0	550	0	0	0	0	2020	2023
Bridge 021 - Sager Rd, 475m n/o Patrick Rd	0	0	100	30	170	0	700	0	0	0	2020	2024
Bridge 025 - Lynden Rd, 650m n/o Highway No. 5	0	0	0	30	170	0	1,000	0	0	0	2021	2024
Bridge 409 - Regional Rd 97, 230m e/o Valens	0	0	0	0	100	0	300	0	0	0	2022	2024
<b>Sub - Total Roads</b>	<b>4,930</b>	<b>550</b>	<b>1,880</b>	<b>830</b>	<b>640</b>	<b>750</b>	<b>2,200</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Total Public Works Tax Funded</b>	<b>4,990</b>	<b>600</b>	<b>2,130</b>	<b>880</b>	<b>640</b>	<b>750</b>	<b>2,200</b>	<b>200</b>	<b>200</b>	<b>200</b>		
<b>Grand Total</b>	<b>6,335</b>	<b>600</b>	<b>2,130</b>	<b>880</b>	<b>640</b>	<b>750</b>	<b>2,200</b>	<b>200</b>	<b>200</b>	<b>200</b>		

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 15**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Hamilton Fire Department</u></b>												
Station #31 - Waterdown	0	0	1,750	1,750	0	0	0	0	0	0	2019	2021
Greater Flamborough/Carlisle/Waterdown Area - Station	0	0	1,000	3,000	0	0	0	0	0	0	2020	2021
Greater Flamborough/Carlisle/Waterdown Area - Fire Vehicle	0	0	989	0	0	0	0	0	0	0	2020	2021
<b>Sub - Total Hamilton Fire Department</b>	<b>0</b>	<b>0</b>	<b>3,739</b>	<b>4,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Community &amp; Emergency Services</b>	<b>0</b>	<b>0</b>	<b>3,739</b>	<b>4,750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Hamilton Public Library</u></b>												
Carlisle Library Expansion	0	3,530	0	0	0	0	0	0	0	0	2019	2020
<b>Sub - Total Hamilton Public Library</b>	<b>0</b>	<b>3,530</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Outside Boards &amp; Agencies</b>	<b>0</b>	<b>3,530</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Parkside Hills	458	0	0	0	0	0	0	0	0	0	2018	2018
Joe Sams Leisure Park	0	120	0	0	0	0	0	0	0	0	2007	2019
Waterdown South Neighbourhood Park 1 (Skinner Rd)	0	650	0	0	0	0	0	0	0	0	2019	2019
Gatesbury Park	0	89	0	409	0	0	0	0	0	0	2019	2021
Waterdown South Parkette 1 (Burke St.)	0	140	0	0	0	0	0	0	0	0	2019	2019
Clear Skies Proposed Park	0	0	95	775	0	0	0	0	0	0	2020	2021
Waterdown South Neighbourhood Park 3 (East Side) - Sleepy Hollow	0	0	0	500	0	0	0	0	0	0	2021	2021
Waterdown South Parkette 2 (King St. & Mountainbrow)	0	0	0	0	0	155	0	0	0	0	2023	2023
Waterdown South Parkette 3 (Proposed)	0	0	0	0	0	80	0	0	0	0	2023	2023
<b>Sub - Total Open Space Development</b>	<b>458</b>	<b>999</b>	<b>95</b>	<b>1,684</b>	<b>0</b>	<b>235</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Recreation Facilities</u></b>												
Waterdown Memorial Park Ice Loop	380	0	0	0	0	0	0	0	0	0	2014	2018
Flamborough Seniors Recreation Centre Barrier -Free Washroom	220	0	0	0	0	0	0	0	0	0	2018	2018
Waterdown Pool and Recreation Centre Feasibility	0	0	0	2,200	22,000	0	0	0	0	0	2021	2022
<b>Sub - Total Recreation Facilities</b>	<b>600</b>	<b>0</b>	<b>0</b>	<b>2,200</b>	<b>22,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Roads</u></b>												
Waterdown - Burlington Road Upgrades	5,380	5,380	0	0	0	0	0	0	0	0	2013	2019
Council Priority - Ward 15 Minor Rehabilitation	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
New Traffic Signal - Dundas @ Riverwalk	250	0	0	0	0	0	0	0	0	0	2018	2018
New Traffic Signal - Dundas @ Spring Creek	250	0	0	0	0	0	0	0	0	0	2018	2018

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
FOR WARD 15**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Roads</u></b>												
Bridge 451 - Hwy 5 E, 120m e/o Mill St S	0	0	0	0	0	0	5,500	0	0	0	2012	2024
East-West Road Corridor (Waterdown By-Pass)	0	0	0	18,700	0	0	0	0	0	0	2013	2021
Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	0	0	0	130	170	0	1,100	0	0	0	2021	2024
Asset Preservation - Waterdown Neighbourhood (Central East Section)	0	0	0	0	0	0	0	0	3,600	0	2026	2026
<b><i>Sub - Total Roads</i></b>	<b>6,080</b>	<b>5,580</b>	<b>200</b>	<b>19,030</b>	<b>370</b>	<b>200</b>	<b>6,800</b>	<b>200</b>	<b>3,800</b>	<b>200</b>		
<b><i>Total Public Works Tax Funded</i></b>	<b>7,138</b>	<b>6,579</b>	<b>295</b>	<b>22,914</b>	<b>22,370</b>	<b>435</b>	<b>6,800</b>	<b>200</b>	<b>3,800</b>	<b>200</b>		
<b><i>Grand Total</i></b>	<b>7,138</b>	<b>10,109</b>	<b>4,034</b>	<b>27,664</b>	<b>22,370</b>	<b>435</b>	<b>6,800</b>	<b>200</b>	<b>3,800</b>	<b>200</b>		

**CITY OF HAMILTON  
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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Finance</u></b>												
2024 Development Charges' Bylaw Studies	0	0	0	0	0	650	0	0	0	0	2023	2024
<b>Sub - Total Finance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Corporate Services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>650</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Hamilton Public Library</u></b>												
Winona/ Stoney Creek Library Construction	0	0	0	0	0	0	3,279	0	0	0	2024	2025
Lower City New/ Expanded Library	0	0	0	0	0	0	0	0	5,241	0	2026	2027
<b>Sub - Total Hamilton Public Library</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,279</b>	<b>0</b>	<b>5,241</b>	<b>0</b>		
<b><u>Police Services</u></b>												
Police Station 40 (New Division 4)	0	0	0	0	0	0	0	25,000	0	0	2025	2025
<b>Sub - Total Police Services</b>	<b>0</b>	<b>25,000</b>	<b>0</b>	<b>0</b>								
<b>Total Outside Boards &amp; Agencies</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,279</b>	<b>25,000</b>	<b>5,241</b>	<b>0</b>		
<b><u>Urban Renewal</u></b>												
Barton/Kenilworth Commercial Corridor Building Grant Program	700	700	700	0	0	0	0	0	0	0	2018	2020
Barton and Kenilworth Rebate of Planning and Building Fees	230	230	230	0	0	0	0	0	0	0	2018	2020
Downtown West Harborfront Remediation Loan Program	25	25	25	25	25	25	25	25	25	25	2018	Ongoing
<b>Sub - Total Urban Renewal</b>	<b>955</b>	<b>955</b>	<b>955</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>		
<b>Total Planning &amp; Economic Development</b>	<b>955</b>	<b>955</b>	<b>955</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>		
<b><u>Corporate Facilities</u></b>												
Confederation Beach Park Facility Assessment	150	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Corporate Facilities</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Open Space Development</u></b>												
Open Space Replacement Strategy-East Mtn Trail Loop	0	300	0	200	0	0	0	0	0	0	2010	2021
Mountain Brow Path	0	80	0	0	500	80	0	500	0	500	2017	2027
Open Space Replacement Strategy - Acquisitions	0	0	0	0	0	0	0	300	0	0	2025	2025
<b>Sub - Total Open Space Development</b>	<b>0</b>	<b>380</b>	<b>0</b>	<b>200</b>	<b>500</b>	<b>80</b>	<b>0</b>	<b>800</b>	<b>0</b>	<b>500</b>		
<b><u>Recreation Facilities</u></b>												

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Recreation Facilities</b>												
Carlisle & Beverly Arena Accessibility Upgrades & Expansion	0	300	3,500	0	0	0	0	0	0	0	2016	2020
<b>Sub - Total Recreation Facilities</b>	<b>0</b>	<b>300</b>	<b>3,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Roads</b>												
Sherman Access Retaining Wall Replacement	3,000	0	0	0	0	0	0	0	0	0	2016	2018
RHVP Rehabilitation	6,750	6,750	0	0	0	0	0	0	0	0	2018	2019
Claremont Access - Bin Wall Removal	170	170	0	4,500	0	0	170	0	3,000	0	2018	2026
South Mountain Arterial Study (SMATS)	80	0	0	0	0	0	0	0	0	0	2018	2018
Multi-Area Employment Lands - Street A Extension to Pritchard (new road)	320	0	0	0	0	0	0	0	0	0	2018	2018
New Traffic Signal Installation Program	600	0	0	0	0	0	0	0	0	0	2018	Ongoing
IPS - Intersection Pedestrian Signal	600	700	700	700	700	700	700	700	700	700	2018	Ongoing
Queen - Aberdeen to Main Two-Way Conversion	1,100	0	0	0	0	0	0	0	0	0	2018	2018
Highway 8 - Bridge over Spencer Creek to Hillcrest	0	0	2,400	0	0	0	0	0	0	0	2015	2020
Rymal - Fletcher to Upper Centennial	0	0	12,100	0	0	0	0	0	0	0	2015	2020
Bridge 452 - Centennial Pkwy, 990m n/o Ridge	0	170	0	0	2,500	0	0	0	0	0	2017	2022
Glancaster Road Class EA (Garner to Dickenson) (AEGD)	0	340	0	0	0	0	0	0	0	0	2019	2019
Osler - South St to West Park	0	0	0	100	2,020	0	0	0	0	0	2021	2022
Arvin - Dosco to Jones	0	0	0	150	150	3,700	0	0	0	0	2021	2023
Kenilworth Access - Mountain Brow to Kenilworth	0	0	0	0	4,300	0	0	0	0	0	2022	2022
Bridge 325 - Queenston over Red Hill Creek Expressway	0	0	0	0	350	0	0	0	0	0	2022	2022
Burlington & Industrial - Ottawa to Kenilworth	0	0	0	0	4,390	0	0	0	0	0	2022	2022
Upper Gage - LINC to Mohawk	0	0	0	0	0	930	0	0	0	0	2023	2023
Scenic - Mohawk to Chateau Crt	0	0	0	0	0	840	0	0	0	0	2023	2023
Lake Avenue - Barton to South Service	0	0	0	0	0	150	150	1,900	0	0	2023	2025
Gray - King to Hwy 8	0	0	0	0	0	0	0	510	0	0	2025	2025
New Mountain Rd - Ridge to King	0	0	0	0	0	0	0	150	150	1,800	2025	2027
Mud - Winterberry to Paramount	0	0	0	0	0	0	0	0	1,340	0	2026	2026
Claremont Access - Inverness to Main	0	0	0	0	0	0	0	0	0	3,000	2027	2027
Upper James - Mohawk to Fennell	0	0	0	0	0	0	0	0	0	220	2027	2028
Glancaster - Garner to Dickenson (AEGD)	0	0	0	0	0	0	0	0	0	2,220	2027	2028
<b>Sub - Total Roads</b>	<b>12,620</b>	<b>8,130</b>	<b>15,200</b>	<b>5,450</b>	<b>14,410</b>	<b>6,320</b>	<b>1,020</b>	<b>3,260</b>	<b>5,190</b>	<b>7,940</b>		
<b>Total Public Works Tax Funded</b>	<b>12,770</b>	<b>8,810</b>	<b>18,700</b>	<b>5,650</b>	<b>14,910</b>	<b>6,400</b>	<b>1,020</b>	<b>4,060</b>	<b>5,190</b>	<b>8,440</b>		
<b>Grand Total</b>	<b>13,725</b>	<b>9,765</b>	<b>19,655</b>	<b>5,675</b>	<b>14,935</b>	<b>7,075</b>	<b>4,324</b>	<b>29,085</b>	<b>10,456</b>	<b>8,465</b>		

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>City Manager</u></b>												
Enhancing City of Hamilton App for citizen services	40	90	25	25	25	0	0	0	0	0	2018	2022
Performance Excellence - Dashboard, Open Data Infrastructure (Hub and Data Portal)-Cash Flow	250	475	100	100	100	100	100	100	100	100	2018	2021
<b>Sub - Total City Manager</b>	<b>290</b>	<b>565</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Human Resources</u></b>												
Corporate KRONOS	250	2,410	0	0	0	0	0	0	0	0	2018	2019
HR Self Service Enhancements Phase 1 and Phase 2	150	0	0	0	0	0	0	0	0	0	2017	2019
Profile Management Phase 1 and Phase 2	100	0	0	0	0	0	0	0	0	0	2017	2018
<b>Sub - Total Human Resources</b>	<b>500</b>	<b>2,410</b>	<b>0</b>									
<b>Total City Manager</b>	<b>790</b>	<b>2,975</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Community Services - Other Divisions</u></b>												
Hamilton's Community Bed Bug Strategy	320	158	0	0	0	0	0	0	0	0	2016	2019
<b>Sub - Total Community Services - Other Divis</b>	<b>320</b>	<b>158</b>	<b>0</b>									
<b><u>Hamilton Fire Department</u></b>												
Fire Balaclava Replacement	220	0	0	0	0	0	0	0	0	0	2018	2018
Automatic Vehicle Location Devices	360	0	0	0	0	0	0	0	0	0	2018	2018
Annual Fire Equipment Replacement	617	802	1,035	512	689	798	942	710	1,170	766	2018	Ongoing
Annual Fire Vehicle Replacement	5,025	6,895	4,659	1,705	4,520	2,270	1,420	3,225	2,300	1,790	2018	Ongoing
SCBA Complete Unit Replacement	0	0	0	5,600	0	0	0	0	0	0	2021	2021
<b>Sub - Total Hamilton Fire Department</b>	<b>6,222</b>	<b>7,697</b>	<b>5,694</b>	<b>7,817</b>	<b>5,209</b>	<b>3,068</b>	<b>2,362</b>	<b>3,935</b>	<b>3,470</b>	<b>2,556</b>		
<b><u>Hamilton Paramedic Service</u></b>												
Annual Paramedic Service Vehicle Replacement	991	1,231	1,478	2,190	983	767	1,116	1,386	1,664	2,466	2018	Ongoing
Annual Paramedic Service Equipment Replacement	1,019	207	2,454	123	2,433	979	238	73	152	2,840	2018	Ongoing
<b>Sub - Total Hamilton Paramedic Service</b>	<b>2,010</b>	<b>1,438</b>	<b>3,932</b>	<b>2,313</b>	<b>3,416</b>	<b>1,746</b>	<b>1,354</b>	<b>1,459</b>	<b>1,816</b>	<b>5,306</b>		
<b><u>Housing Services</u></b>												
Social Housing Capital Repairs and Regeneration-Block Portion	0	500	500	500	500	500	500	500	500	7,500	2018	Ongoing
Poverty Reduction Investment (Future Fund)	8,000	4,000	4,000	4,000	0	0	0	0	0	0	2017	2021
Indigenous Poverty Reduction Investment (Hydro Dividend)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	2027
Poverty Reduction Investment (Hydro Dividend)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2018	2027
Increasing Affordable Rental Housing in Hamilton	0	250	250	0	0	0	0	0	0	0	2018	2020

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b>Sub - Total Housing Services</b>	<b>11,000</b>	<b>7,750</b>	<b>7,750</b>	<b>7,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>10,500</b>		
<b>Long Term Care Homes</b>												
ML - Roof Replacement	70	540	0	0	0	0	0	0	0	0	2018	2019
ML - Replacement of 3 Chillers	666	0	0	0	0	0	0	0	0	0	2018	2018
ML - Refurbish Basement	0	0	0	50	454	500	0	0	0	0	2021	2023
ML - 1996 A Wing Flooring	0	0	0	0	0	100	560	500	0	0	2023	2025
Wentworth Lodge - Exterior Walls - Batten Repair	470	0	0	0	0	0	0	0	0	0	2017	2018
ML - Carpet Removal (Wing C1 East)	0	275	0	0	0	0	0	0	0	0	2019	2019
ML - Refurbishment of A Wing	0	0	0	0	0	0	100	105	500	0	2024	2026
WL - 1989 Wing Roof Replacement	70	378	0	0	0	0	0	0	0	0	2018	2019
ML - D Wing- Refurbishment	0	0	60	0	0	0	0	0	0	0	2020	2020
ML - Parking Lot Resurface	0	0	0	0	281	0	0	0	0	0	2022	2022
ML & WL - Annual Resident Care Equipment Replacement	110	80	60	155	50	168	180	320	70	125	2018	2027
WL - Bed Replacement	220	0	0	0	0	0	0	0	0	0	2018	2018
ML - Security System	0	0	200	0	0	0	0	0	0	0	2020	2020
ML - Circulation Pumps (Cooling and Heating)	0	0	80	324	0	0	0	0	0	0	2020	2021
ML - Building Components Study	0	60	0	0	0	0	0	0	0	0	2019	2019
<b>Sub - Total Long Term Care Homes</b>	<b>1,606</b>	<b>1,333</b>	<b>400</b>	<b>529</b>	<b>785</b>	<b>768</b>	<b>840</b>	<b>925</b>	<b>570</b>	<b>125</b>		
<b>Total Community &amp; Emergency Services</b>	<b>21,158</b>	<b>18,376</b>	<b>17,776</b>	<b>18,159</b>	<b>12,910</b>	<b>9,082</b>	<b>8,056</b>	<b>9,819</b>	<b>9,356</b>	<b>18,487</b>		
<b>City Clerk</b>												
Digitization of Microfiche Records	125	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total City Clerk</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Customer Service &amp; POA</b>												
POA Administration Offices	0	91	93	95	97	0	0	0	0	0	2018	2022
<b>Sub - Total Customer Service &amp; POA</b>	<b>0</b>	<b>91</b>	<b>93</b>	<b>95</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Finance</b>												
DC Exemptions Recovery	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	2017	2018
2019 Development Charges' Bylaw Studies	650	0	0	0	0	0	0	0	0	0	2018	2019
Capital Budget System Upgrade	50	0	0	50	0	0	50	0	0	50	2016	2022
Budget Operating System Upgrade	0	0	180	0	0	380	0	0	0	0	2015	2023
<b>Sub - Total Finance</b>	<b>5,700</b>	<b>6,000</b>	<b>6,180</b>	<b>6,050</b>	<b>6,000</b>	<b>6,380</b>	<b>6,050</b>	<b>6,000</b>	<b>6,000</b>	<b>6,050</b>		

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<b><u>Information Technology (IT)</u></b>												
Common Address Database (on behalf of all Departments)	125	0	0	0	0	0	0	0	0	0	2013	2018
IT Security	160	120	0	0	0	0	0	0	0	0	2016	2018
Network Infrastructure Sustainability and Continuous Improvement	160	110	85	80	0	0	0	0	0	0	2017	2019
IT Strategy and Enterprise Architecture	395	390	25	25	0	0	0	0	0	0	2018	2021
City Website Platform Upgrades	0	0	0	115	0	0	0	0	0	0	2018	2018
Data Centre HVAC	0	200	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Information Technology (IT)</b>	<b>840</b>	<b>820</b>	<b>110</b>	<b>220</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Corporate Services</b>	<b>6,665</b>	<b>6,911</b>	<b>6,383</b>	<b>6,365</b>	<b>6,097</b>	<b>6,380</b>	<b>6,050</b>	<b>6,000</b>	<b>6,000</b>	<b>6,050</b>		
<b><u>Council Strategic Projects</u></b>												
Randle Reef Rehabilitation Project	375	375	375	375	0	0	0	0	0	0	2009	2021
Parkland Acquisition	0	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	2018	Ongoing
Council Initiated Strategic Projects	0	2,000	2,000	2,000	2,000	2,000	0	0	2,000	2,000	2011	Ongoing
<b>Sub - Total Council Strategic Projects</b>	<b>375</b>	<b>3,875</b>	<b>3,875</b>	<b>3,875</b>	<b>3,500</b>	<b>3,500</b>	<b>1,500</b>	<b>1,500</b>	<b>3,500</b>	<b>3,500</b>		
<b>Total Council Initiatives</b>	<b>375</b>	<b>3,875</b>	<b>3,875</b>	<b>3,875</b>	<b>3,500</b>	<b>3,500</b>	<b>1,500</b>	<b>1,500</b>	<b>3,500</b>	<b>3,500</b>		
<b><u>CityHousing Hamilton</u></b>												
City Housing Contribution	500	500	500	500	500	500	500	500	0	0	2018	Ongoing
<b>Sub - Total CityHousing Hamilton</b>	<b>500</b>	<b>0</b>	<b>0</b>									
<b><u>H.C.A. &amp; Westfield Heritage Village</u></b>												
Hamilton Conservation Authority Critical and Safety Projects	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	0	0	2018	Ongoing
Westfield Heritage Village - Critical and/or Safety Projects	150	150	150	150	150	150	150	150	0	0	2018	Ongoing
<b>Sub - Total H.C.A. &amp; Westfield Heritage Village</b>	<b>2,000</b>	<b>0</b>	<b>0</b>									
<b><u>Hamilton Beach Rescue (HBRU)</u></b>												
HBRU Renovations & Equipment Purchases	42	42	59	75	122	126	38	93	0	0	2018	Ongoing
<b>Sub - Total Hamilton Beach Rescue (HBRU)</b>	<b>42</b>	<b>42</b>	<b>59</b>	<b>75</b>	<b>122</b>	<b>126</b>	<b>38</b>	<b>93</b>	<b>0</b>	<b>0</b>		
<b><u>Police Services</u></b>												
Marine Vessel (Hike)	500	0	0	0	0	0	0	0	0	0	2018	2018
Ice Rescue Equipment	80	0	0	0	0	0	0	0	0	0	2018	2019
Command Van	750	0	0	0	0	0	0	0	0	0	2016	2016

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Police Services</u></b>												
Communications Centre Expansion	0	0	500	0	0	0	0	0	0	0	2020	2020
Horse Stables	0	0	0	0	0	0	0	1,000	0	0	2025	2025
<b>Sub - Total Police Services</b>	<b>1,330</b>	<b>0</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>		
<b>Total Outside Boards &amp; Agencies</b>	<b>3,872</b>	<b>2,542</b>	<b>3,059</b>	<b>2,575</b>	<b>2,622</b>	<b>2,626</b>	<b>2,538</b>	<b>3,593</b>	<b>0</b>	<b>0</b>		
<b><u>Economic Development</u></b>												
Economic Development Initiatives	0	2,000	0	0	0	0	2,000	0	0	0	2017	Ongoing
<b>Sub - Total Economic Development</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Growth Management</u></b>												
City Share of Servicing Costs under Subdivision Agreements	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	2018	Ongoing
<b>Sub - Total Growth Management</b>	<b>3,000</b>	<b>0</b>	<b>0</b>									
<b><u>Parking Services</u></b>												
Parking Payment Equipment	400	200	200	0	0	0	0	0	0	0	2017	2020
Fence Replacement - Municipal Carparks	100	0	0	100	0	0	100	0	0	100	2018	2027
Elevator Replacement-York Parkade	400	0	0	0	50	0	0	50	0	0	2018	2025
Lighting Upgrade/Replacement	0	50	0	0	50	0	0	50	0	0	2019	2025
Online Permit & Pay-by-Phone system for Parking Payment	0	75	0	0	0	0	75	0	0	0	2019	2024
Pay-on-Foot System Replacement - York Boulevard Parkade and Convention Centre Parking Garage	0	550	0	0	0	0	50	0	0	0	2019	2024
Parking Payment Equipment	0	0	100	100	100	100	100	75	75	75	2020	Ongoing
Parking Lot Paving/Surface Repairs	0	0	100	0	0	100	0	0	100	0	2020	2026
<b>Sub - Total Parking Services</b>	<b>900</b>	<b>875</b>	<b>400</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>325</b>	<b>175</b>	<b>175</b>	<b>175</b>		
<b><u>Planning - General Manager's Office</u></b>												
AMANDA Implementation	0	200	0	150	0	0	0	0	0	0	2017	2019
<b>Sub - Total Planning - General Manager's Office</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Planning Services</u></b>												
Community Planning Studies	30	100	100	100	0	0	0	0	0	0	2018	2021
Urban and Rural Official Plan Five Year Review	181	500	0	0	0	0	0	0	0	0	2018	2019
Comprehensive Zoning By-Law	0	700	0	0	0	0	0	0	0	0	2003	2019
Part IV Designation of Properties under the Ontario Heritage Act	0	0	0	0	75	77	78	80	81	83	2017	Ongoing
Planning & Zoning Growth Area	0	525	0	0	0	0	0	0	0	0	2017	2019

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Planning Services</u></b>												
Nodes and Corridors Plans	0	200	200	0	0	0	0	0	0	0	2020	2021
City Wide Employment Survey	0	0	100	95	95	120	0	0	0	0	2016	2023
Natural Areas Acquisition Fund	0	300	300	300	300	300	300	300	300	300	2017	Ongoing
Development Approvals Improvements	0	285	0	0	0	0	0	0	0	0	2018	2020
Zoning By-law OMB Appeals	0	350	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Planning Services</b>	<b>211</b>	<b>2,960</b>	<b>700</b>	<b>495</b>	<b>470</b>	<b>497</b>	<b>378</b>	<b>380</b>	<b>381</b>	<b>383</b>		
<b><u>Tourism &amp; Culture</u></b>												
Art and Monuments	55	75	75	75	0	0	0	0	0	0	2018	2021
Hamilton and Scourge Security	75	0	0	0	0	67	0	0	0	0	2018	Ongoing
Collections Registration Preservation Project	0	55	55	55	0	0	0	0	0	0	2017	2021
Heritage Inventory and Strategic Priorities	0	100	0	0	0	0	0	0	0	0	2018	2022
<b>Sub - Total Tourism &amp; Culture</b>	<b>130</b>	<b>230</b>	<b>130</b>	<b>130</b>	<b>0</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Urban Renewal</u></b>												
Brownfield Development	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Office Tenancy Assistance Program	25	25	25	25	0	0	0	0	0	0	2018	2021
(BIA) Commercial Property Improvement Grant Program	406	406	406	406	406	406	406	406	406	406	2018	Ongoing
Commercial Property Improvement Grant Program	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Community Downtowns and BIAs	324	224	224	224	224	224	224	224	224	224	2018	Ongoing
(TCD) City of Hamilton Music Strategy	50	0	0	0	0	0	0	0	0	0	2018	Ongoing
<b>Sub - Total Urban Renewal</b>	<b>1,305</b>	<b>1,155</b>	<b>1,155</b>	<b>1,155</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>		
<b>Total Planning &amp; Economic Development</b>	<b>5,546</b>	<b>10,420</b>	<b>5,385</b>	<b>5,130</b>	<b>4,800</b>	<b>4,894</b>	<b>6,833</b>	<b>4,685</b>	<b>1,686</b>	<b>1,688</b>		
<b><u>Corporate Facilities</u></b>												
Program - Facility Upgrades to Hamilton Public Libraries	100	800	800	800	800	800	800	800	800	800	2018	Ongoing
Program - Firestations Facility Upgrade	350	710	710	710	710	710	710	710	710	710	2018	Ongoing
Program - Facilities Code & Legislative Compliance	680	880	880	880	880	880	880	880	880	880	2018	Ongoing
Program - Roof Management	600	920	950	950	950	950	950	950	950	950	2018	Ongoing
Program - Facility Capital Maintenance	350	700	700	700	700	700	700	700	700	700	2018	Ongoing
Program - Facilities Security	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Program - Parking Lot Rehabilitation	350	450	450	450	450	450	450	450	450	450	2018	Ongoing
Backflow Prevention for Various Facilities	450	600	150	0	0	0	0	0	0	0	2013	2020
Program Yard Capital Renewal	150	650	650	650	650	650	650	650	650	650	2018	Ongoing
Corporate Facilities Audit Program	100	100	100	100	100	200	200	200	200	200	2018	Ongoing
Program - Chedoke Golf Course Improvements	0	0	0	8,010	0	0	0	0	0	0	2021	2021
Generator BlackOut Testing & Repairs	0	150	150	150	0	0	0	0	0	0	2013	2021

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Corporate Facilities</u></b>												
MRF Below Ground Demolition, Decommissioning and Filling of the Basements	0	1,000	1,000	0	0	0	0	0	0	0	2018	2020
Overhead Door Replacement Program	0	275	275	275	275	275	275	275	275	275	2018	Ongoing
Program - First Ontario Centre Lifecycle Renewal (M&E only)	0	750	750	750	750	750	750	750	750	750	2018	Ongoing
Hamilton Place Lifecycle Replacement Program (M&E only)	0	300	85	86	215	215	215	215	215	215	2018	Ongoing
Convention Centre Lifecycle Program (M&E only)	0	165	138	275	275	275	275	275	275	275	2018	Ongoing
HVAC, Energy Efficiency Upgrades	0	400	400	400	400	400	400	400	400	400	2018	Ongoing
Archibus - Facility Maintenance Management System Upgrade	0	100	100	100	100	100	100	100	100	100	2018	Ongoing
<b>Sub - Total Corporate Facilities</b>	<b>3,280</b>	<b>9,100</b>	<b>8,438</b>	<b>15,436</b>	<b>7,405</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>		
<b><u>Fleet Services</u></b>												
Shop Equipment Replacement	162	165	168	170	170	170	170	170	170	170	2018	Ongoing
Street Sweeper Purchase	720	730	750	765	785	785	785	785	785	785	2018	Ongoing
Fleet Vehicle&Equipment Replace Program	6,857	8,030	8,230	8,430	8,630	8,600	8,600	8,600	8,600	8,600	2018	Ongoing
<b>Sub - Total Fleet Services</b>	<b>7,739</b>	<b>8,925</b>	<b>9,148</b>	<b>9,365</b>	<b>9,585</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>		
<b><u>Forestry &amp; Horticulture</u></b>												
Gage Park Tropical House	300	0	0	0	0	0	0	0	0	0	2014	2018
Rural Street Tree, Parks and Cemeteries (Citywide) Tree Inventory	97	0	0	0	0	0	0	0	0	0	2017	2018
Tree Planting Program	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	2018	Ongoing
Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)	2,600	2,600	2,600	2,600	2,600	0	0	0	0	0	2011	2022
Small Equipment Replacement (Reserve) Program	0	0	60	0	0	60	0	0	0	0	2018	Ongoing
Traffic Island Beautification Program - Councillor Enhancements	0	0	790	0	0	0	0	0	0	0	2018	2020
Gypsy Moth Monitoring and Management	0	550	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Forestry &amp; Horticulture</b>	<b>4,342</b>	<b>4,495</b>	<b>4,795</b>	<b>3,945</b>	<b>3,945</b>	<b>1,405</b>	<b>1,345</b>	<b>1,345</b>	<b>1,345</b>	<b>1,345</b>		
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>												
Cemetery Development	20	570	260	255	110	165	165	165	220	220	2015	Ongoing
Cemetery Roads Rehabilitation Program	85	100	100	100	100	125	125	150	150	150	2018	Ongoing
Cemetery Building Repairs	100	115	115	115	115	165	165	220	220	220	2018	Ongoing
Extreme Park Makeover Program	15	15	20	20	20	20	20	20	20	20	2018	Ongoing
Park Pathway Resurfacing Program	133	200	200	200	250	250	275	300	325	325	2018	Ongoing
Park Fencing Program	100	110	110	140	140	170	170	200	200	230	2018	Ongoing
Spraypad Infrastructure Rehabilitation Program	40	70	70	78	78	90	90	105	105	120	2018	Ongoing
Monitoring and Repairs of the Escarpment and Waterfront (Parks and Cemeteries assets)	65	130	130	130	130	155	155	180	180	180	2018	Ongoing

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>												
Heritage Green Maintenance Building Site Works	150	0	0	0	0	0	0	0	0	0	2018	2018
CSA Safety Material Replacement Program	145	150	150	150	150	175	175	200	200	200	2018	Ongoing
Playground Lifecycle Replacement Program	200	200	220	220	230	250	250	300	300	350	2018	Ongoing
QC/CA - Parks and Cemeteries Material Testing	10	10	10	10	10	15	15	15	15	20	2018	Ongoing
Cemetery Columbarium	50	70	90	120	120	120	145	150	175	175	2018	Ongoing
Equipment Acquisition (DC) Program	247	247	247	247	247	247	247	247	247	247	2018	Ongoing
Small Equipment Replacement (Reserve) Program	75	80	80	80	85	85	85	85	85	85	2018	Ongoing
Leash free Dog Park Program	80	80	80	80	80	80	80	80	80	80	2018	Ongoing
Sportsfield Irrigation System Lifecycle Replacements	0	75	40	40	40	50	50	70	70	70	2017	Ongoing
Pedestrian Bridge Replacement & Repair Program	0	108	108	108	108	165	165	165	195	195	2018	Ongoing
Urban Park Parking Lot Paving Program	0	320	370	375	375	380	430	430	430	430	2018	Ongoing
Stair Replacement and Repair Program	0	150	150	150	160	185	185	185	185	185	2018	Ongoing
Sports Field Rehab Program	0	240	25	40	40	60	60	60	70	70	2018	Ongoing
Bocce Court Rehab Program	0	40	40	50	50	50	50	50	50	50	2018	Ongoing
Park Sports/Security Lighting Upgrade Program	0	70	70	90	90	110	110	110	110	110	2018	Ongoing
Wrought Iron Fence Replacement - Hamilton Cemetery	0	350	350	350	350	0	0	0	0	0	2018	2022
Flagpole Replacement & Repairs Program	0	100	100	100	100	0	0	0	0	0	2018	2022
Parkland Identification and Way Finding Signage	0	20	20	20	20	30	30	30	30	30	2018	Ongoing
Cemeteries Foundations Study	0	50	50	50	50	0	0	0	0	0	2018	2022
Park Bleacher Replacement Program	0	65	65	65	65	65	65	65	65	65	2016	Ongoing
Cemetery ID Sign Program	0	60	60	65	65	0	0	0	0	0	2018	2022
Tennis and Multi -use Court Rehabilitation Program	0	120	120	130	130	200	200	260	260	300	2018	Ongoing
IPHC Program Equipment Purchases	0	480	190	100	0	0	0	0	0	0	2018	2021
<b>Sub - Total O &amp; M - Parks &amp; Cemeteries</b>	<b>1,515</b>	<b>4,395</b>	<b>3,640</b>	<b>3,678</b>	<b>3,508</b>	<b>3,407</b>	<b>3,507</b>	<b>3,842</b>	<b>3,987</b>	<b>4,127</b>		
<b><u>Open Space Development</u></b>												
Trails Master Plan Programming	75	335	525	1,090	590	1,780	1,405	1,020	1,500	1,500	2015	2028
Parks Testing and Reporting	50	50	50	50	50	50	50	50	50	50	2018	Ongoing
Legislated Monitoring	50	50	50	0	0	37	0	0	37	0	2019	2037
Waterfalls Viewing	120	1,200	0	0	0	0	0	0	0	0	2018	2019
Skatepark Facility - Recreation study implementation	0	100	1,100	0	100	2,000	0	100	2,000	0	2019	2028
Fallen Firefighter's Memorial	0	900	0	0	0	0	0	0	0	0	2017	2018
<b>Sub - Total Open Space Development</b>	<b>295</b>	<b>2,635</b>	<b>1,725</b>	<b>1,140</b>	<b>740</b>	<b>3,867</b>	<b>1,455</b>	<b>1,170</b>	<b>3,587</b>	<b>1,550</b>		
<b><u>Recreation Facilities</u></b>												
Recreation Facilities Audit Program	110	80	80	80	80	80	80	80	80	80	2018	Ongoing
Program - Community Halls Retrofits	100	100	300	300	300	300	300	300	300	300	2018	Ongoing
Program - Recreation Centre Retrofits	200	200	200	200	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Program - Park & Fieldhouse Retrofits	250	250	250	250	250	250	250	250	250	250	2018	Ongoing

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<b>Recreation Facilities</b>												
Program - Arena Retrofits	250	800	800	800	800	800	800	800	800	800	2018	Ongoing
Program - Facility Capital Maintenance	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Program - Senior Centre Retrofits	100	100	100	100	100	100	100	100	100	100	2018	Ongoing
Public Use Feasibility Needs & Study	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Program - Parking Lot Management	0	0	0	0	500	500	500	500	500	500	2018	Ongoing
Program - Roof Management	0	400	400	0	800	0	800	800	800	800	2018	Ongoing
Program - Exterior Structure	0	0	400	0	400	0	400	400	400	400	2018	Ongoing
<b>Sub - Total Recreation Facilities</b>	<b>1,360</b>	<b>2,280</b>	<b>2,880</b>	<b>2,080</b>	<b>4,580</b>	<b>3,380</b>	<b>4,580</b>	<b>4,580</b>	<b>4,580</b>	<b>4,580</b>		
<b>Roads</b>												
Road Operations and Maintenance Fleet Replacement	500	0	0	3,100	0	900	0	0	0	0	2016	2023
Railway Crossings - Review and Upgrades	500	500	500	500	0	0	0	0	0	0	2017	2021
Transportation Demand Management & Smart Commute	260	260	0	0	0	0	0	0	0	0	2017	2019
Major Road Maintenance Program	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Minor Construction Program	300	300	300	300	300	300	300	300	300	300	2018	Ongoing
Railway Roadway Crossings Rehabilitation Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Rural Hot Mix Program	0	0	0	0	3,000	4,000	4,000	4,000	4,000	4,000	2022	Ongoing
Sidewalk Rehabilitation Program	700	700	700	700	700	700	700	700	700	700	2018	Ongoing
Geotechnical Investigation Program	700	700	700	700	700	700	700	700	700	700	2018	Ongoing
Contaminated Soil & Rock Disposal Program	100	0	0	240	0	0	240	0	0	240	2018	Ongoing
Traffic Counts Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Fencing/Sound Barrier Rehabilitation/Replacement within the Road Allowance	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Preventative Maintenance Program	2,790	2,000	2,170	2,120	2,000	2,000	2,000	2,000	2,000	2,000	2018	Ongoing
Bridge and Culvert Maintenance	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2018	Ongoing
OSIM Bridge and Culvert Inspections	300	300	300	300	300	300	300	300	300	300	2018	Ongoing
Structural Investigations and Reports	400	400	400	400	400	400	400	400	400	400	2018	Ongoing
Fleet Additions - Roads O&M	300	200	0	200	0	200	0	0	0	0	2018	Ongoing
Yard Facility Maintenance and Improvement Program	100	100	100	100	100	100	100	100	100	100	2018	Ongoing
QA-QC Service Contract Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Roads - Small Equipment Replacement	50	50	50	50	50	50	50	50	50	50	2018	Ongoing
Mapping Update Program	40	0	40	0	40	0	40	0	40	0	2018	Ongoing
Active Transportation Benchmarking	30	30	30	10	10	10	10	10	10	10	2018	Ongoing
TMP Modelling & Monitoring	80	80	80	30	30	30	30	30	30	30	2018	Ongoing
Transportation Tomorrow Survey	40	40	40	40	40	40	40	40	40	40	2018	Ongoing
Development Road Urbanization	500	0	500	500	500	500	500	500	500	500	2018	Ongoing
Low-Wattage Street Lighting LED Replacement	3,000	500	0	0	0	0	0	0	0	0	2016	2021
Road Operations - GPS/AVL Service	50	0	0	0	0	0	0	0	0	0	2017	2018
HANSEN/INFOR Mobile Application	120	0	0	0	0	0	0	50	0	0	2017	2025
Escarpment Slope & Appurtenance Stabilization Program	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing

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<b><u>Roads</u></b>												
Street Lighting Capital Program	420	350	350	350	350	350	350	350	350	350	2018	Ongoing
Retaining Wall Rehabilitation Program	880	850	850	900	900	900	950	950	700	700	2018	Ongoing
Roads - Alleyway Rehabilitation	100	400	400	400	400	400	400	400	400	400	2018	Ongoing
Guide Rail Replacement Program	400	400	400	400	400	400	400	400	400	400	2018	Ongoing
Pedestrian Crossovers	400	300	300	300	0	0	0	0	0	0	2017	2021
Overhead Sign Structure	200	300	300	300	0	0	0	0	0	0	2017	2021
On Street Bike Facilities	300	300	300	300	300	300	300	300	300	800	2018	Ongoing
On Street Bike Facilities in Co-ordination with Construction	450	0	100	0	0	0	0	0	0	0	2018	2018
ATMS – Advanced Traffic Management System	790	900	900	1,000	1,000	500	500	500	400	400	2018	Ongoing
Traffic Signal Modernization & Upgrades Program	870	600	600	600	600	600	600	600	600	600	2018	Ongoing
Traffic Signal LED Lighting Upgrade Program	150	200	200	200	200	200	200	200	200	200	2018	Ongoing
Traffic Controller Replacement Program	600	600	600	600	600	600	600	600	600	600	2018	Ongoing
Traffic Engineering - Signal Design	360	200	200	200	200	200	200	200	200	200	2018	Ongoing
APS - Accessible Pedestrian Signals	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Traffic Signal Modernization Coordinated with Construction	650	600	600	600	600	600	600	600	600	600	2018	Ongoing
Annual Plastic Pavement Marking Rehabilitation	200	300	400	500	500	500	500	500	500	500	2018	Ongoing
Highway 403 Ramp Studies	0	4,030	0	0	0	0	0	0	0	0	2015	2019
Cordon Count Project	0	0	110	0	0	0	0	110	0	0	2016	2025
Local Road Asset Preservation	0	0	0	0	0	0	0	800	4,900	7,800	2018	Ongoing
New Sidewalk Program	0	500	500	530	540	550	560	570	580	590	2018	Ongoing
State of the Infrastructure - Asset Management	0	300	300	300	300	300	300	300	300	300	2018	Ongoing
Transportation Demand Management & Smart Commute	0	0	270	270	270	270	270	280	280	280	2020	Ongoing
Complete Liveable Better Streets Manual	0	250	0	0	0	0	0	0	0	0	2019	2019
LINC Rehabilitation	0	0	15,250	15,250	0	0	0	0	0	0	2020	2021
Arterial Asset Preservation Program	0	0	0	0	2,940	11,300	2,670	8,510	12,060	10,650	2022	2027
Snow Disposal Facility	0	0	0	0	0	0	0	250	2,500	1,500	2024	2025
Bridge Replacement / Rehabilitation Reserve	0	0	0	0	0	0	0	5,000	2,000	0	2025	2026
Semi Barrier Rehabilitation Program	0	200	200	200	200	200	200	200	200	200	2017	Ongoing
<b>Sub - Total Roads</b>	<b>22,380</b>	<b>22,490</b>	<b>33,790</b>	<b>37,240</b>	<b>23,220</b>	<b>33,150</b>	<b>23,760</b>	<b>35,550</b>	<b>41,990</b>	<b>41,190</b>		
<b><u>Transit Services</u></b>												
Rapid Ready & Ten Year Local Transit Strategy Implementation	500	0	50	0	0	50	0	0	50	0	2017	2026
Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	420	740	760	770	900	1,030	1,050	1,080	0	0	2018	2025
Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement Program	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	2015	Ongoing
HSR Bus Replacement Program	14,485	14,122	13,546	17,508	13,886	14,841	14,235	15,214	14,810	14,810	2018	Ongoing
Nonrevenue Vehicle Replace Program	103	170	162	69	85	138	85	110	185	90	2018	Ongoing
Terminal and End of Line Rehabilitation	75	75	75	75	75	75	75	75	75	75	2018	Ongoing
Bus Stop Shelter Rehabilitation	125	125	125	125	125	125	125	125	125	125	2018	Ongoing
Transit Hybrid Bus Battery Replacement	0	240	0	0	0	0	0	0	0	0	2015	2019

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Transit Services</u></b>												
HSR Bus Expansion Program - 10 Year Plan	0	5,520	5,630	6,460	6,590	7,470	7,610	0	0	0	2017	2027
Transit Maintenance and Storage Facility	0	55,675	55,675	0	0	0	0	0	0	0	2017	2020
Corridor Capacity	0	610	610	610	610	610	610	610	610	0	2019	2026
Branding and Marketing - Launch and Implementation	0	1,600	1,610	1,610	1,620	1,620	1,620	1,630	1,630	0	2019	2026
PRESTO Equipment Replacement	0	4,235	0	0	0	0	0	0	4,825	0	2019	2026
Transit Terminal Development	0	3,190	490	3,260	3,310	3,400	2,930	0	0	0	2019	2024
Transit Shelter Expansion Program	0	150	150	150	150	150	150	150	150	150	2019	Ongoing
Ranger Equipment Replacement	0	0	0	2,000	0	0	0	0	0	0	2021	2021
<b>Sub - Total Transit Services</b>	<b>19,408</b>	<b>90,152</b>	<b>82,583</b>	<b>36,337</b>	<b>31,051</b>	<b>33,209</b>	<b>32,190</b>	<b>22,694</b>	<b>26,160</b>	<b>18,950</b>		
<b><u>Waste Management</u></b>												
2020 Waste System Planning	175	200	0	0	0	0	0	0	0	0	2016	2019
Waste Management R & D Program	230	210	265	225	230	235	245	250	255	265	2018	Ongoing
Diversion Container Replacement Program	870	900	925	950	980	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Public Space & Special Event Containers	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Glanbrook Landfill Capital Improvement Program	330	506	318	327	337	346	357	367	377	389	2018	Ongoing
Closed Landfill Maintenance & Capital Improvement Program	456	465	471	484	496	509	523	537	550	565	2018	Ongoing
Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	190	278	286	295	304	313	322	332	342	352	2018	Ongoing
Transfer Station/CRC Maintenance & Capital Improvement Program	205	209	213	217	221	226	230	235	240	244	2018	Ongoing
SWMMP Approvals	150	100	150	150	0	0	0	0	0	0	2018	2021
CCF Air Handling Upgrades	1,700	0	0	0	0	0	0	0	0	0	2018	2018
Leaf & Yard Waste Composting Facility Relocation	0	0	3,600	0	0	0	0	0	0	0	2012	2020
Transfer Station/CRC Expansion & Capital Replacement	0	150	5,900	14,500	0	0	0	0	0	0	2015	2021
MRF Lifecycle Replacement	0	0	150	3,000	21,000	0	0	0	0	0	2017	2022
SWMMP - Recommendation 6: Alternative Disposal Facility	0	200	200	200	0	0	0	0	96,000	96,000	2019	2027
CCF Lifecycle Replacement	0	0	1,209	0	267	0	267	209	1,525	3,050	2020	2028
Waste Collection Fleet Replacement	0	0	0	1,700	0	0	500	0	0	0	2016	2024
<b>Sub - Total Waste Management</b>	<b>4,556</b>	<b>3,468</b>	<b>13,937</b>	<b>22,298</b>	<b>24,085</b>	<b>2,879</b>	<b>3,694</b>	<b>3,180</b>	<b>100,539</b>	<b>102,115</b>		
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>												
Police Marine Facility Replacement	300	0	3,700	0	0	0	0	0	0	0	2018	2020
<b>Sub - Total West Harbour &amp; Waterfront Strate</b>	<b>300</b>	<b>0</b>	<b>3,700</b>	<b>0</b>								
<b>Total Public Works Tax Funded</b>	<b>65,175</b>	<b>147,940</b>	<b>164,636</b>	<b>131,519</b>	<b>108,119</b>	<b>98,357</b>	<b>87,591</b>	<b>89,421</b>	<b>199,248</b>	<b>190,917</b>		
<b>Grand Total</b>	<b>103,581</b>	<b>193,039</b>	<b>201,239</b>	<b>167,748</b>	<b>138,173</b>	<b>124,939</b>	<b>112,668</b>	<b>115,118</b>	<b>219,890</b>	<b>220,742</b>		

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<b><u>City Manager</u></b>												
Enhancing City of Hamilton App for citizen services	40	90	25	25	25	0	0	0	0	0	2018	2022
Performance Excellence - Dashboard, Open Data Infrastructure (Hub and Data Portal)-Cash Flow	250	475	100	100	100	100	100	100	100	100	2018	2021
<b>Sub - Total City Manager</b>	<b>290</b>	<b>565</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Human Resources</u></b>												
Corporate KRONOS	250	2,410	0	0	0	0	0	0	0	0	2018	2019
HR Self Service Enhancements Phase 1 and Phase 2	150	0	0	0	0	0	0	0	0	0	2017	2019
Profile Management Phase 1 and Phase 2	100	0	0	0	0	0	0	0	0	0	2017	2018
<b>Sub - Total Human Resources</b>	<b>500</b>	<b>2,410</b>	<b>0</b>									
<b>Total City Manager</b>	<b>790</b>	<b>2,975</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		
<b><u>Community Services - Other Divisions</u></b>												
Hamilton's Community Bed Bug Strategy	320	158	0	0	0	0	0	0	0	0	2016	2019
<b>Sub - Total Community Services - Other Divis</b>	<b>320</b>	<b>158</b>	<b>0</b>									
<b><u>Hamilton Fire Department</u></b>												
Fire Balaclava Replacement	220	0	0	0	0	0	0	0	0	0	2018	2018
Automatic Vehicle Location Devices	360	0	0	0	0	0	0	0	0	0	2018	2018
Annual Fire Equipment Replacement	617	802	1,035	512	689	798	942	710	1,170	766	2018	Ongoing
Annual Fire Vehicle Replacement	5,025	6,895	4,659	1,705	4,520	2,270	1,420	3,225	2,300	1,790	2018	Ongoing
SCBA Complete Unit Replacement	0	0	0	5,600	0	0	0	0	0	0	2021	2021
<b>Sub - Total Hamilton Fire Department</b>	<b>6,222</b>	<b>7,697</b>	<b>5,694</b>	<b>7,817</b>	<b>5,209</b>	<b>3,068</b>	<b>2,362</b>	<b>3,935</b>	<b>3,470</b>	<b>2,556</b>		
<b><u>Hamilton Paramedic Service</u></b>												
Annual Paramedic Service Vehicle Replacement	991	1,231	1,478	2,190	983	767	1,116	1,386	1,664	2,466	2018	Ongoing
Annual Paramedic Service Equipment Replacement	1,019	207	2,454	123	2,433	979	238	73	152	2,840	2018	Ongoing
<b>Sub - Total Hamilton Paramedic Service</b>	<b>2,010</b>	<b>1,438</b>	<b>3,932</b>	<b>2,313</b>	<b>3,416</b>	<b>1,746</b>	<b>1,354</b>	<b>1,459</b>	<b>1,816</b>	<b>5,306</b>		
<b><u>Housing Services</u></b>												
Social Housing Capital Repairs and Regeneration-Block Portion	0	500	500	500	500	500	500	500	500	7,500	2018	Ongoing
Poverty Reduction Investment (Future Fund)	8,000	4,000	4,000	4,000	0	0	0	0	0	0	2017	2021
Indigenous Poverty Reduction Investment (Hydro Dividend)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	2027
Poverty Reduction Investment (Hydro Dividend)	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2018	2027
Increasing Affordable Rental Housing in Hamilton	0	250	250	0	0	0	0	0	0	0	2018	2020

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<b>Sub - Total Housing Services</b>	<b>11,000</b>	<b>7,750</b>	<b>7,750</b>	<b>7,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>10,500</b>		
<b>Long Term Care Homes</b>												
ML - Roof Replacement	70	540	0	0	0	0	0	0	0	0	2018	2019
ML - Replacement of 3 Chillers	666	0	0	0	0	0	0	0	0	0	2018	2018
ML - Refurbish Basement	0	0	0	50	454	500	0	0	0	0	2021	2023
ML - 1996 A Wing Flooring	0	0	0	0	0	100	560	500	0	0	2023	2025
Wentworth Lodge - Exterior Walls - Batten Repair	470	0	0	0	0	0	0	0	0	0	2017	2018
ML - Carpet Removal (Wing C1 East)	0	275	0	0	0	0	0	0	0	0	2019	2019
ML - Refurbishment of A Wing	0	0	0	0	0	0	100	105	500	0	2024	2026
WL - 1989 Wing Roof Replacement	70	378	0	0	0	0	0	0	0	0	2018	2019
ML - D Wing- Refurbishment	0	0	60	0	0	0	0	0	0	0	2020	2020
ML - Parking Lot Resurface	0	0	0	0	281	0	0	0	0	0	2022	2022
ML & WL - Annual Resident Care Equipment Replacement	110	80	60	155	50	168	180	320	70	125	2018	2027
WL - Bed Replacement	220	0	0	0	0	0	0	0	0	0	2018	2018
ML - Security System	0	0	200	0	0	0	0	0	0	0	2020	2020
ML - Circulation Pumps (Cooling and Heating)	0	0	80	324	0	0	0	0	0	0	2020	2021
ML - Building Components Study	0	60	0	0	0	0	0	0	0	0	2019	2019
<b>Sub - Total Long Term Care Homes</b>	<b>1,606</b>	<b>1,333</b>	<b>400</b>	<b>529</b>	<b>785</b>	<b>768</b>	<b>840</b>	<b>925</b>	<b>570</b>	<b>125</b>		
<b>Total Community &amp; Emergency Services</b>	<b>21,158</b>	<b>18,376</b>	<b>17,776</b>	<b>18,159</b>	<b>12,910</b>	<b>9,082</b>	<b>8,056</b>	<b>9,819</b>	<b>9,356</b>	<b>18,487</b>		
<b>City Clerk</b>												
Digitization of Microfiche Records	125	0	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total City Clerk</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Customer Service &amp; POA</b>												
POA Administration Offices	0	91	93	95	97	0	0	0	0	0	2018	2022
<b>Sub - Total Customer Service &amp; POA</b>	<b>0</b>	<b>91</b>	<b>93</b>	<b>95</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Finance</b>												
DC Exemptions Recovery	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	2017	2018
2019 Development Charges' Bylaw Studies	650	0	0	0	0	0	0	0	0	0	2018	2019
Capital Budget System Upgrade	50	0	0	50	0	0	50	0	0	50	2016	2022
Budget Operating System Upgrade	0	0	180	0	0	380	0	0	0	0	2015	2023
<b>Sub - Total Finance</b>	<b>5,700</b>	<b>6,000</b>	<b>6,180</b>	<b>6,050</b>	<b>6,000</b>	<b>6,380</b>	<b>6,050</b>	<b>6,000</b>	<b>6,000</b>	<b>6,050</b>		

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<b><u>Information Technology (IT)</u></b>												
Common Address Database (on behalf of all Departments)	125	0	0	0	0	0	0	0	0	0	2013	2018
IT Security	160	120	0	0	0	0	0	0	0	0	2016	2018
Network Infrastructure Sustainability and Continuous Improvement	160	110	85	80	0	0	0	0	0	0	2017	2019
IT Strategy and Enterprise Architecture	395	390	25	25	0	0	0	0	0	0	2018	2021
City Website Platform Upgrades	0	0	0	115	0	0	0	0	0	0	2018	2018
Data Centre HVAC	0	200	0	0	0	0	0	0	0	0	2018	2018
<b>Sub - Total Information Technology (IT)</b>	<b>840</b>	<b>820</b>	<b>110</b>	<b>220</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Corporate Services</b>	<b>6,665</b>	<b>6,911</b>	<b>6,383</b>	<b>6,365</b>	<b>6,097</b>	<b>6,380</b>	<b>6,050</b>	<b>6,000</b>	<b>6,000</b>	<b>6,050</b>		
<b><u>Council Strategic Projects</u></b>												
Randle Reef Rehabilitation Project	375	375	375	375	0	0	0	0	0	0	2009	2021
Parkland Acquisition	0	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	2018	Ongoing
Council Initiated Strategic Projects	0	2,000	2,000	2,000	2,000	2,000	0	0	2,000	2,000	2011	Ongoing
<b>Sub - Total Council Strategic Projects</b>	<b>375</b>	<b>3,875</b>	<b>3,875</b>	<b>3,875</b>	<b>3,500</b>	<b>3,500</b>	<b>1,500</b>	<b>1,500</b>	<b>3,500</b>	<b>3,500</b>		
<b>Total Council Initiatives</b>	<b>375</b>	<b>3,875</b>	<b>3,875</b>	<b>3,875</b>	<b>3,500</b>	<b>3,500</b>	<b>1,500</b>	<b>1,500</b>	<b>3,500</b>	<b>3,500</b>		
<b><u>CityHousing Hamilton</u></b>												
City Housing Contribution	500	500	500	500	500	500	500	500	500	500	2018	Ongoing
<b>Sub - Total CityHousing Hamilton</b>	<b>500</b>											
<b><u>H.C.A. &amp; Westfield Heritage Village</u></b>												
Hamilton Conservation Authority Critical and Safety Projects	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	0	0	2018	Ongoing
Westfield Heritage Village - Critical and/or Safety Projects	150	150	150	150	150	150	150	150	0	0	2018	Ongoing
<b>Sub - Total H.C.A. &amp; Westfield Heritage Village</b>	<b>2,000</b>	<b>0</b>	<b>0</b>									
<b><u>Hamilton Beach Rescue (HBRU)</u></b>												
HBRU Renovations & Equipment Purchases	42	42	59	75	122	126	38	93	0	0	2018	Ongoing
<b>Sub - Total Hamilton Beach Rescue (HBRU)</b>	<b>42</b>	<b>42</b>	<b>59</b>	<b>75</b>	<b>122</b>	<b>126</b>	<b>38</b>	<b>93</b>	<b>0</b>	<b>0</b>		
<b><u>Police Services</u></b>												
Marine Vessel (Hike)	800	0	0	0	0	0	0	0	0	0	2018	2018
Ice Rescue Equipment	0	0	80	0	0	0	0	0	0	0	2018	2019
Command Van	0	0	750	0	0	0	0	0	0	0	2016	2016

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<b><u>Police Services</u></b>												
Police Hardware Acquisition - Server/Storage	400	0	0	0	0	0	0	0	0	0	2018	2018
Police Video Infrastructure	150	0	0	0	0	0	0	0	0	0	2018	2018
Police Radio Room Recording Upgrade	200	0	0	0	0	0	0	0	0	0	2018	2018
Police Master Site Upgrade	0	3,000	0	0	0	0	0	0	0	0	2019	2019
Police Personal Issued Portable Radio Replacement	0	300	600	1,500	1,800	1,800	0	0	0	0	2019	2023
Police Computer Aided Dispatch (CAD) Upgrade	0	400	0	0	0	0	0	0	0	0	2019	2019
Communications Centre Expansion	0	0	500	0	0	0	0	0	0	0	2020	2020
<b>Sub - Total Police Services</b>	<b>1,550</b>	<b>3,700</b>	<b>1,930</b>	<b>1,500</b>	<b>1,800</b>	<b>1,800</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b>Total Outside Boards &amp; Agencies</b>	<b>4,092</b>	<b>6,242</b>	<b>4,489</b>	<b>4,075</b>	<b>4,422</b>	<b>4,426</b>	<b>2,538</b>	<b>2,593</b>	<b>500</b>	<b>500</b>		
<b><u>Economic Development</u></b>												
Economic Development Initiatives	0	2,000	0	0	0	0	2,000	0	0	0	2017	Ongoing
<b>Sub - Total Economic Development</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Growth Management</u></b>												
City Share of Servicing Costs under Subdivision Agreements	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	2018	Ongoing
<b>Sub - Total Growth Management</b>	<b>3,000</b>											
<b><u>Parking Services</u></b>												
Parking Payment Equipment	400	200	200	0	0	0	0	0	0	0	2017	2020
Fence Replacement - Municipal Carparks	100	0	0	100	0	0	100	0	0	100	2018	2027
Elevator Replacement-York Parkade	400	0	0	0	50	0	0	50	0	0	2018	2025
Lighting Upgrade/Replacement	0	50	0	0	50	0	0	50	0	0	2019	2025
Online Permit & Pay-by-Phone system for Parking Payment	0	75	0	0	0	0	75	0	0	0	2019	2024
Pay-on-Foot System Replacement - York Boulevard Parkade and Convention Centre Parking Garage	0	550	0	0	0	0	50	0	0	0	2019	2024
Parking Payment Equipment	0	0	100	100	100	100	100	75	75	75	2020	Ongoing
Parking Lot Paving/Surface Repairs	0	0	100	0	0	100	0	0	100	0	2020	2026
<b>Sub - Total Parking Services</b>	<b>900</b>	<b>875</b>	<b>400</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>325</b>	<b>175</b>	<b>175</b>	<b>175</b>		
<b><u>Planning - General Manager's Office</u></b>												
AMANDA Implementation	0	200	0	150	0	0	0	0	0	0	2017	2019
<b>Sub - Total Planning - General Manager</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		

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	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Planning Services</u></b>												
Community Planning Studies	30	100	100	100	0	0	0	0	0	0	2018	2021
Urban and Rural Official Plan Five Year Review	181	500	0	0	0	0	0	0	0	0	2018	2019
Comprehensive Zoning By-Law	0	700	0	0	0	0	0	0	0	0	2003	2019
Part IV Designation of Properties under the Ontario Heritage Act	0	0	0	0	75	77	78	80	81	83	2017	Ongoing
Planning & Zoning Growth Area	0	525	0	0	0	0	0	0	0	0	2017	2019
Nodes and Corridors Plans	0	200	200	0	0	0	0	0	0	0	2020	2021
City Wide Employment Survey	0	0	100	95	95	120	0	0	0	0	2016	2023
Natural Areas Acquisition Fund	0	300	300	300	300	300	300	300	300	300	2017	Ongoing
Development Approvals Improvements	0	285	0	0	0	0	0	0	0	0	2018	2020
Zoning By-law OMB Appeals	0	350	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Planning Services</b>	<b>211</b>	<b>2,960</b>	<b>700</b>	<b>495</b>	<b>470</b>	<b>497</b>	<b>378</b>	<b>380</b>	<b>381</b>	<b>383</b>		
<b><u>Tourism &amp; Culture</u></b>												
Art and Monuments	55	75	75	75	0	0	0	0	0	0	2018	2021
Hamilton and Scourge Security	75	0	0	0	0	67	0	0	0	0	2018	Ongoing
Collections Registration Preservation Project	0	55	55	55	0	0	0	0	0	0	2017	2021
Heritage Inventory and Strategic Priorities	0	100	0	0	0	0	0	0	0	0	2018	2022
<b>Sub - Total Tourism &amp; Culture</b>	<b>130</b>	<b>230</b>	<b>130</b>	<b>130</b>	<b>0</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
<b><u>Urban Renewal</u></b>												
Brownfield Development	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Office Tenancy Assistance Program	25	25	25	25	0	0	0	0	0	0	2018	2021
(BIA) Commercial Property Improvement Grant Program	406	406	406	406	406	406	406	406	406	406	2018	Ongoing
Commercial Property Improvement Grant Program	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Community Downtowns and BIAs	324	224	224	224	224	224	224	224	224	224	2018	Ongoing
(TCD) City of Hamilton Music Strategy	50	0	0	0	0	0	0	0	0	0	2018	Ongoing
<b>Sub - Total Urban Renewal</b>	<b>1,305</b>	<b>1,155</b>	<b>1,155</b>	<b>1,155</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>	<b>1,130</b>		
<b>Total Planning &amp; Economic Development</b>	<b>5,546</b>	<b>10,420</b>	<b>5,385</b>	<b>5,130</b>	<b>4,800</b>	<b>4,894</b>	<b>6,833</b>	<b>4,685</b>	<b>4,686</b>	<b>4,688</b>		
<b><u>Corporate Facilities</u></b>												
Program - Facility Upgrades to Hamilton Public Libraries	100	800	800	800	800	800	800	800	800	800	2018	Ongoing
Program - Firestations Facility Upgrade	350	710	710	710	710	710	710	710	710	710	2018	Ongoing
Program - Facilities Code & Legislative Compliance	680	880	880	880	880	880	880	880	880	880	2018	Ongoing
Program - Roof Management	600	920	950	950	950	950	950	950	950	950	2018	Ongoing
Program - Facility Capital Maintenance	350	700	700	700	700	700	700	700	700	700	2018	Ongoing
Program - Facilities Security	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Program - Parking Lot Rehabilitation	350	450	450	450	450	450	450	450	450	450	2018	Ongoing

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<b><u>Corporate Facilities</u></b>												
Backflow Prevention for Various Facilities	450	600	150	0	0	0	0	0	0	0	2013	2020
Program Yard Capital Renewal	150	650	650	650	650	650	650	650	650	650	2018	Ongoing
Corporate Facilities Audit Program	100	100	100	100	100	200	200	200	200	200	2018	Ongoing
Program - Chedoke Golf Course Improvements	0	0	0	8,010	0	0	0	0	0	0	2021	2021
Generator BlackOut Testing & Repairs	0	150	150	150	0	0	0	0	0	0	2013	2021
MRF Below Ground Demolition, Decommissioning and Filling of the Basements	0	1,000	1,000	0	0	0	0	0	0	0	2018	2020
Overhead Door Replacement Program	0	275	275	275	275	275	275	275	275	275	2018	Ongoing
Program - First Ontario Centre Lifecycle Renewal (M&E only)	0	750	750	750	750	750	750	750	750	750	2018	Ongoing
Hamilton Place Lifecycle Replacement Program (M&E only)	0	300	85	86	215	215	215	215	215	215	2018	Ongoing
Convention Centre Lifecycle Program (M&E only)	0	165	138	275	275	275	275	275	275	275	2018	Ongoing
HVAC, Energy Efficiency Upgrades	0	400	400	400	400	400	400	400	400	400	2018	Ongoing
Archibus - Facility Maintenance Management System Upgrade	0	100	100	100	100	100	100	100	100	100	2018	Ongoing
<b>Sub - Total Corporate Facilities</b>	<b>3,280</b>	<b>9,100</b>	<b>8,438</b>	<b>15,436</b>	<b>7,405</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>	<b>7,505</b>		
<b><u>Fleet Services</u></b>												
Shop Equipment Replacement	162	165	168	170	170	170	170	170	170	170	2018	Ongoing
Street Sweeper Purchase	720	730	750	765	785	785	785	785	785	785	2018	Ongoing
Fleet Vehicle&Equipment Replace Program	6,857	8,030	8,230	8,430	8,630	8,600	8,600	8,600	8,600	8,600	2018	Ongoing
<b>Sub - Total Fleet Services</b>	<b>7,739</b>	<b>8,925</b>	<b>9,148</b>	<b>9,365</b>	<b>9,585</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>	<b>9,555</b>		
<b><u>Forestry &amp; Horticulture</u></b>												
Gage Park Tropical House	300	0	0	0	0	0	0	0	0	0	2014	2018
Rural Street Tree, Parks and Cemeteries (Citywide) Tree Inventory	97	0	0	0	0	0	0	0	0	0	2017	2018
Tree Planting Program	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	2018	Ongoing
Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)	2,600	2,600	2,600	2,600	2,600	0	0	0	0	0	2011	2022
Small Equipment Replacement (Reserve) Program	0	0	60	0	0	60	0	0	0	0	2018	Ongoing
Traffic Island Beautification Program - Councillor Enhancements	0	0	790	0	0	0	0	0	0	0	2018	2020
Gypsy Moth Monitoring and Management	0	550	0	0	0	0	0	0	0	0	2018	2019
<b>Sub - Total Forestry &amp; Horticulture</b>	<b>4,342</b>	<b>4,495</b>	<b>4,795</b>	<b>3,945</b>	<b>3,945</b>	<b>1,405</b>	<b>1,345</b>	<b>1,345</b>	<b>1,345</b>	<b>1,345</b>		
<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>												
Cemetery Development	20	570	260	255	110	165	165	165	220	220	2015	Ongoing
Cemetery Roads Rehabilitation Program	85	100	100	100	100	125	125	150	150	150	2018	Ongoing
Cemetery Building Repairs	100	115	115	115	115	165	165	220	220	220	2018	Ongoing
Extreme Park Makeover Program	15	15	20	20	20	20	20	20	20	20	2018	Ongoing

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<b><u>O &amp; M - Parks &amp; Cemeteries</u></b>												
Park Pathway Resurfacing Program	133	200	200	200	250	250	275	300	325	325	2018	Ongoing
Park Fencing Program	100	110	110	140	140	170	170	200	200	230	2018	Ongoing
Spraypad Infrastructure Rehabilitation Program	40	70	70	78	78	90	90	105	105	120	2018	Ongoing
Monitoring and Repairs of the Escarpment and Waterfront (Parks and Cemeteries assets)	65	130	130	130	130	155	155	180	180	180	2018	Ongoing
Heritage Green Maintenance Building Site Works	150	0	0	0	0	0	0	0	0	0	2018	2018
CSA Safety Material Replacement Program	145	150	150	150	150	175	175	200	200	200	2018	Ongoing
Playground Lifecycle Replacement Program	200	200	220	220	230	250	250	300	300	350	2018	Ongoing
QC/CA - Parks and Cemeteries Material Testing	10	10	10	10	10	15	15	15	15	20	2018	Ongoing
Cemetery Columbarium	50	70	90	120	120	120	145	150	175	175	2018	Ongoing
Equipment Acquisition (DC) Program	247	247	247	247	247	247	247	247	247	247	2018	Ongoing
Small Equipment Replacement (Reserve) Program	75	80	80	80	85	85	85	85	85	85	2018	Ongoing
Leash free Dog Park Program	80	80	80	80	80	80	80	80	80	80	2018	Ongoing
Sportsfield Irrigation System Lifecycle Replacements	0	75	40	40	40	50	50	70	70	70	2017	Ongoing
Pedestrian Bridge Replacement & Repair Program	0	108	108	108	108	165	165	165	195	195	2018	Ongoing
Urban Park Parking Lot Paving Program	0	320	370	375	375	380	430	430	430	430	2018	Ongoing
Stair Replacement and Repair Program	0	150	150	150	160	185	185	185	185	185	2018	Ongoing
Sports Field Rehab Program	0	240	25	40	40	60	60	60	70	70	2018	Ongoing
Bocce Court Rehab Program	0	40	40	50	50	50	50	50	50	50	2018	Ongoing
Park Sports/Security Lighting Upgrade Program	0	70	70	90	90	110	110	110	110	110	2018	Ongoing
Wrought Iron Fence Replacement - Hamilton Cemetery	0	350	350	350	350	0	0	0	0	0	2018	2022
Flagpole Replacement & Repairs Program	0	100	100	100	100	0	0	0	0	0	2018	2022
Parkland Identification and Way Finding Signage	0	20	20	20	20	30	30	30	30	30	2018	Ongoing
Cemeteries Foundations Study	0	50	50	50	50	0	0	0	0	0	2018	2022
Park Bleacher Replacement Program	0	65	65	65	65	65	65	65	65	65	2016	Ongoing
Cemetery ID Sign Program	0	60	60	65	65	0	0	0	0	0	2018	2022
Tennis and Multi -use Court Rehabilitation Program	0	120	120	130	130	200	200	260	260	300	2018	Ongoing
IPHC Program Equipment Purchases	0	480	190	100	0	0	0	0	0	0	2018	2021
<b>Sub - Total O &amp; M - Parks &amp; Cemeteries</b>	<b>1,515</b>	<b>4,395</b>	<b>3,640</b>	<b>3,678</b>	<b>3,508</b>	<b>3,407</b>	<b>3,507</b>	<b>3,842</b>	<b>3,987</b>	<b>4,127</b>		
<b><u>Open Space Development</u></b>												
Trails Master Plan Programming	75	335	525	1,090	590	1,780	1,405	1,020	1,500	1,500	2015	2028
Parks Testing and Reporting	50	50	50	50	50	50	50	50	50	50	2018	Ongoing
Legislated Monitoring	50	50	50	0	0	37	0	0	37	0	2019	2037
Waterfalls Viewing	120	1,200	0	0	0	0	0	0	0	0	2018	2019
Skatepark Facility - Recreation study implementation	100	0	1,100	0	100	2,000	0	100	2,000	0	2018	2028
Fallen Firefighter's Memorial	0	900	0	0	0	0	0	0	0	0	2017	2018
<b>Sub - Total Open Space Development</b>	<b>395</b>	<b>2,535</b>	<b>1,725</b>	<b>1,140</b>	<b>740</b>	<b>3,867</b>	<b>1,455</b>	<b>1,170</b>	<b>3,587</b>	<b>1,550</b>		

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<b>Recreation Facilities</b>												
Recreation Facilities Audit Program	110	80	80	80	80	80	80	80	80	80	2018	Ongoing
Program - Community Halls Retrofits	100	100	300	300	300	300	300	300	300	300	2018	Ongoing
Program - Recreation Centre Retrofits	200	200	200	200	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Program - Park & Fieldhouse Retrofits	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Program - Arena Retrofits	250	800	800	800	800	800	800	800	800	800	2018	Ongoing
Program - Facility Capital Maintenance	200	200	200	200	200	200	200	200	200	200	2018	Ongoing
Program - Senior Centre Retrofits	100	100	100	100	100	100	100	100	100	100	2018	Ongoing
Public Use Feasibility Needs & Study	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Program - Parking Lot Management	0	0	0	0	500	500	500	500	500	500	2018	Ongoing
Program - Roof Management	0	400	400	0	800	0	800	800	800	800	2018	Ongoing
Program - Exterior Structure	0	0	400	0	400	0	400	400	400	400	2018	Ongoing
<b>Sub - Total Recreation Facilities</b>	<b>1,360</b>	<b>2,280</b>	<b>2,880</b>	<b>2,080</b>	<b>4,580</b>	<b>3,380</b>	<b>4,580</b>	<b>4,580</b>	<b>4,580</b>	<b>4,580</b>		
<b>Roads</b>												
Road Operations and Maintenance Fleet Replacement	500	0	0	3,100	0	900	0	0	0	0	2016	2023
Railway Crossings - Review and Upgrades	500	500	500	500	0	0	0	0	0	0	2017	2021
Transportation Demand Management & Smart Commute	260	260	0	0	0	0	0	0	0	0	2017	2019
Major Road Maintenance Program	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Minor Construction Program	300	300	300	300	300	300	300	300	300	300	2018	Ongoing
Railway Roadway Crossings Rehabilitation Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Rural Hot Mix Program	0	0	0	0	3,000	4,000	4,000	4,000	4,000	4,000	2022	Ongoing
Sidewalk Rehabilitation Program	700	700	700	700	700	700	700	700	700	700	2018	Ongoing
Geotechnical Investigation Program	700	700	700	700	700	700	700	700	700	700	2018	Ongoing
Contaminated Soil & Rock Disposal Program	100	0	0	240	0	0	240	0	0	240	2018	Ongoing
Traffic Counts Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Fencing/Sound Barrier Rehabilitation/Replacement within the Road Allowance	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Preventative Maintenance Program	2,790	2,000	2,170	2,120	2,000	2,000	2,000	2,000	2,000	2,000	2018	Ongoing
Bridge and Culvert Maintenance	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2018	Ongoing
OSIM Bridge and Culvert Inspections	300	300	300	300	300	300	300	300	300	300	2018	Ongoing
Structural Investigations and Reports	400	400	400	400	400	400	400	400	400	400	2018	Ongoing
Fleet Additions - Roads O&M	300	200	0	200	0	200	0	0	0	0	2018	Ongoing
Yard Facility Maintenance and Improvement Program	100	100	100	100	100	100	100	100	100	100	2018	Ongoing
QA-QC Service Contract Program	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Roads - Small Equipment Replacement	50	50	50	50	50	50	50	50	50	50	2018	Ongoing
Mapping Update Program	40	0	40	0	40	0	40	0	40	0	2018	Ongoing
Active Transportation Benchmarking	30	30	30	10	10	10	10	10	10	10	2018	Ongoing
TMP Modelling & Monitoring	80	80	80	30	30	30	30	30	30	30	2018	Ongoing
Transportation Tomorrow Survey	40	40	40	40	40	40	40	40	40	40	2018	Ongoing
Development Road Urbanization	500	0	500	500	500	500	500	500	500	500	2018	Ongoing

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<b><u>Roads</u></b>												
Low-Wattage Street Lighting LED Replacement	3,000	500	0	0	0	0	0	0	0	0	2016	2021
Road Operations - GPS/AVL Service	50	0	0	0	0	0	0	0	0	0	2017	2018
HANSEN/INFOR Mobile Application	120	0	0	0	0	0	0	50	0	0	2017	2025
Escarpment Slope & Appurtenance Stabilization Program	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Street Lighting Capital Program	420	350	350	350	350	350	350	350	350	350	2018	Ongoing
Retaining Wall Rehabilitation Program	880	850	850	900	900	900	950	950	700	700	2018	Ongoing
Roads - Alleyway Rehabilitation	100	400	400	400	400	400	400	400	400	400	2018	Ongoing
Guide Rail Replacement Program	400	400	400	400	400	400	400	400	400	400	2018	Ongoing
Pedestrian Crossovers	400	300	300	300	0	0	0	0	0	0	2017	2021
Overhead Sign Structure	200	300	300	300	0	0	0	0	0	0	2017	2021
On Street Bike Facilities	300	300	300	300	300	300	300	300	300	800	2018	Ongoing
On Street Bike Facilities in Co-ordination with Construction	450	0	100	0	0	0	0	0	0	0	2018	2018
ATMS – Advanced Traffic Management System	790	900	900	1,000	1,000	500	500	500	400	400	2018	Ongoing
Traffic Signal Modernization & Upgrades Program	870	600	600	600	600	600	600	600	600	600	2018	Ongoing
Traffic Signal LED Lighting Upgrade Program	150	200	200	200	200	200	200	200	200	200	2018	Ongoing
Traffic Controller Replacement Program	600	600	600	600	600	600	600	600	600	600	2018	Ongoing
Traffic Engineering - Signal Design	360	200	200	200	200	200	200	200	200	200	2018	Ongoing
APS - Accessible Pedestrian Signals	150	150	150	150	150	150	150	150	150	150	2018	Ongoing
Traffic Signal Modernization Coordinated with Construction	650	600	600	600	600	600	600	600	600	600	2018	Ongoing
Annual Plastic Pavement Marking Rehabilitation	200	300	400	500	500	500	500	500	500	500	2018	Ongoing
Highway 403 Ramp Studies	0	4,030	0	0	0	0	0	0	0	0	2015	2019
Cordon Count Project	0	0	110	0	0	0	0	110	0	0	2016	2025
Local Road Asset Preservation	0	0	0	0	0	0	0	800	4,900	7,800	2018	Ongoing
New Sidewalk Program	0	500	500	530	540	550	560	570	580	590	2018	Ongoing
State of the Infrastructure - Asset Management	0	300	300	300	300	300	300	300	300	300	2018	Ongoing
Transportation Demand Management & Smart Commute	0	0	270	270	270	270	270	280	280	280	2020	Ongoing
Complete Liveable Better Streets Manual	0	250	0	0	0	0	0	0	0	0	2019	2019
LINC Rehabilitation	0	0	15,250	15,250	0	0	0	0	0	0	2020	2021
Arterial Asset Preservation Program	0	0	0	0	2,940	11,300	2,670	8,510	12,060	10,650	2022	2027
Snow Disposal Facility	0	0	0	0	0	0	0	250	2,500	1,500	2024	2025
Bridge Replacement / Rehabilitation Reserve	0	0	0	0	0	0	0	5,000	2,000	0	2025	2026
Semi Barrier Rehabilitation Program	0	200	200	200	200	200	200	200	200	200	2017	Ongoing
<b>Sub - Total Roads</b>	<b>22,380</b>	<b>22,490</b>	<b>33,790</b>	<b>37,240</b>	<b>23,220</b>	<b>33,150</b>	<b>23,760</b>	<b>35,550</b>	<b>41,990</b>	<b>41,190</b>		
<b><u>Transit Services</u></b>												
Rapid Ready & Ten Year Local Transit Strategy Implementation	500	0	50	0	0	50	0	0	50	0	2017	2026
Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	420	740	760	770	900	1,030	1,050	1,080	0	0	2018	2025
Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement Program	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	3,700	2015	Ongoing
HSR Bus Replacement Program	14,485	14,122	13,546	17,508	13,886	14,841	14,235	15,214	14,810	14,810	2018	Ongoing

**CITY OF HAMILTON  
2018 RECOMMENDED PROJECTS &  
2019-2027 FORECAST  
CITY-WIDE**

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>Start</u>	<u>End</u>
<b><u>Transit Services</u></b>												
Nonrevenue Vehicle Replace Program	103	170	162	69	85	138	85	110	185	90	2018	Ongoing
Terminal and End of Line Rehabilitation	75	75	75	75	75	75	75	75	75	75	2018	Ongoing
Bus Stop Shelter Rehabilitation	125	125	125	125	125	125	125	125	125	125	2018	Ongoing
Transit Hybrid Bus Battery Replacement	0	240	0	0	0	0	0	0	0	0	2015	2019
HSR Bus Expansion Program - 10 Year Plan	0	5,520	5,630	6,460	6,590	7,470	7,610	0	0	0	2017	2027
Transit Maintenance and Storage Facility	0	55,675	55,675	0	0	0	0	0	0	0	2017	2020
Corridor Capacity	0	610	610	610	610	610	610	610	610	0	2019	2026
Branding and Marketing - Launch and Implementation	0	1,600	1,610	1,610	1,620	1,620	1,620	1,630	1,630	0	2019	2026
PRESTO Equipment Replacement	0	4,235	0	0	0	0	0	0	4,825	0	2019	2026
Transit Terminal Development	0	3,190	490	3,260	3,310	3,400	2,930	0	0	0	2019	2024
Transit Shelter Expansion Program	0	150	150	150	150	150	150	150	150	150	2019	Ongoing
Ranger Equipment Replacement	0	0	0	2,000	0	0	0	0	0	0	2021	2021
<b>Sub - Total Transit Services</b>	<b>19,408</b>	<b>90,152</b>	<b>82,583</b>	<b>36,337</b>	<b>31,051</b>	<b>33,209</b>	<b>32,190</b>	<b>22,694</b>	<b>26,160</b>	<b>18,950</b>		
<b><u>Waste Management</u></b>												
2020 Waste System Planning	175	200	0	0	0	0	0	0	0	0	2016	2019
Waste Management R & D Program	230	210	265	225	230	235	245	250	255	265	2018	Ongoing
Diversion Container Replacement Program	870	900	925	950	980	1,000	1,000	1,000	1,000	1,000	2018	Ongoing
Public Space & Special Event Containers	250	250	250	250	250	250	250	250	250	250	2018	Ongoing
Glanbrook Landfill Capital Improvement Program	330	506	318	327	337	346	357	367	377	389	2018	Ongoing
Closed Landfill Maintenance & Capital Improvement Program	456	465	471	484	496	509	523	537	550	565	2018	Ongoing
Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	190	278	286	295	304	313	322	332	342	352	2018	Ongoing
Transfer Station/CRC Maintenance & Capital Improvement Program	205	209	213	217	221	226	230	235	240	244	2018	Ongoing
SWMMP Approvals	150	100	150	150	0	0	0	0	0	0	2018	2021
CCF Air Handling Upgrades	1,700	0	0	0	0	0	0	0	0	0	2018	2018
Leaf & Yard Waste Composting Facility Relocation	0	0	3,600	0	0	0	0	0	0	0	2012	2020
Transfer Station/CRC Expansion & Capital Replacement	0	150	5,900	14,500	0	0	0	0	0	0	2015	2021
MRF Lifecycle Replacement	0	0	150	3,000	21,000	0	0	0	0	0	2017	2022
SWMMP - Recommendation 6: Alternative Disposal Facility	0	200	200	200	0	0	0	0	96,000	96,000	2019	2027
CCF Lifecycle Replacement	0	0	1,209	0	267	0	267	209	1,525	3,050	2020	2028
Waste Collection Fleet Replacement	0	0	0	1,700	0	0	500	0	0	0	2016	2024
<b>Sub - Total Waste Management</b>	<b>4,556</b>	<b>3,468</b>	<b>13,937</b>	<b>22,298</b>	<b>24,085</b>	<b>2,879</b>	<b>3,694</b>	<b>3,180</b>	<b>100,539</b>	<b>102,115</b>		
<b><u>West Harbour &amp; Waterfront Strategic Initiatives</u></b>												
Police Marine Facility Replacement	300	0	3,700	0	0	0	0	0	0	0	2018	2020
<b>Sub - Total West Harbour &amp; Waterfront Strate</b>	<b>300</b>	<b>0</b>	<b>3,700</b>	<b>0</b>								
<b>Total Public Works Tax Funded</b>	<b>65,275</b>	<b>147,840</b>	<b>164,636</b>	<b>131,519</b>	<b>108,119</b>	<b>98,357</b>	<b>87,591</b>	<b>89,421</b>	<b>199,248</b>	<b>190,917</b>		
<b>Grand Total</b>	<b>103,901</b>	<b>196,639</b>	<b>202,669</b>	<b>169,248</b>	<b>139,973</b>	<b>126,739</b>	<b>112,668</b>	<b>114,118</b>	<b>223,390</b>	<b>224,242</b>		