



GENERAL ISSUES COMMITTEE 2019 TAX CAPITAL BUDGET REPORT 18-021

9:30 a.m.

December 7 & 14, 2018 and January 21, 2019

Council Chambers

Hamilton City Hall

71 Main Street West

December 7, 2018 (18-021):

Present: Mayor F. Eisenberger, Deputy Mayor J. Farr (Chair)
Councillors M. Wilson, N. Nann, S. Merulla, C. Collins, T. Jackson,
E. Pauls, J.P. Danko, B. Clark, M. Pearson, B. Johnson,
L. Ferguson, A. VanderBeek, T. Whitehead, J. Partridge

December 14, 2018 (18-021(a)):

Present: Mayor F. Eisenberger, Deputy Mayor J. Farr (Chair)
Councillors M. Wilson, N. Nann, S. Merulla, C. Collins, T. Jackson,
E. Pauls, J.P. Danko, B. Clark, M. Pearson, B. Johnson,
L. Ferguson, A. VanderBeek, J. Partridge

Absent: Councillor T. Whitehead – Personal

January 21, 2019 (18-021(b)):

Present: Mayor F. Eisenberger, Deputy Mayor S. Merulla (Chair)
Councillors M. Wilson, J. Farr, N. Nann, C. Collins, T. Jackson,
E. Pauls, J.P. Danko, B. Clark, M. Pearson, L. Ferguson,
A. VanderBeek, T. Whitehead, J. Partridge

Absent: Councillor B. Johnson – Personal

**THE GENERAL ISSUES COMMITTEE PRESENTS REPORT 18-021 AND
RESPECTFULLY RECOMMENDS:**

**1. Phase 2 – Shoreline Protection Measures for the Waterfront Trail from
Bayfront Park to the Floating Bridge (PW18010(a)) (City Wide) (Item 4.1)**

That Report PW18010(a), respecting the Phase 2 – Shoreline Protection Measures for the Waterfront Trail from Bayfront Park to the Floating Bridge, be received.

2. 2019 Budget Overview (FCS18096) (City Wide) (Item 5.2)

That Report FCS18096, respecting the 2019 Budget Overview, be received.

**3. Capital Lifecycle Renewal – Valley Park Community Centre (PW18092)
(Ward 9) (Item 6.1)**

That Report PW18092, respecting Capital Lifecycle Renewal – Valley Park Community Centre, be received.

**4. Capital Lifecycle Renewal – FirstOntario Centre Brine Lines and Ice Plant
Safety (PW18091) (Ward 2) (Item 6.2)**

That Report PW18091, respecting the Capital Lifecycle Renewal – FirstOntario Centre Brine Lines and Ice Plant Safety, be received.

**5. Capital Lifecycle Renewal – Hamilton Farmers' Market (HFM) (PW18090)
(Ward 2) (Item 6.3)**

That \$550,000 be approved as part of the 2019 Capital Budget for the replacement cost of the end-of-life Fresh Air Supply Fan unit; a critical piece of mechanical equipment, which services the Hamilton Farmers' Market, currently not included in the block funding and deemed as a priority within the facility.

6. 2019 Tax Supported Capital Budget (FCS18097) (City Wide) (Item 6.1)

(a) That the 2019 Tax Supported Capital Levy in the amount of \$116,451,000, be approved;

- (b) That the 2019 Tax Supported Capital Budget and Financing Plan in the amount of \$227,120,000, attached as Appendix “A”, as amended, to Report 18-021, be approved;
- (c) That the Tax Supported Discretionary Net Capital Funding Forecast 2019 – 2028, attached as Appendix “B”, as amended, to Report 18-021, which assumes the following, be approved, in principle, and re-visited by Council each budget year:
 - (i) a 0.5% Residential Property Tax increase in each year from 2019 to 2028;
 - (ii) an additional Property Tax increase of 0.02% in 2019, 0.27% in 2020, 0.47% in 2021 and 0.47% in 2022 to fund the debt charges associated with the City’s share of Capital Levy Funding required for Public Transit Infrastructure Fund (PTIF) Capital Investments;
 - (iii) an additional Property Tax increase of 0.13% in 2020, 0.04% in 2021, 0.06% in 2023 and 0.25% in 2025 to fund the debt charges associated with the City’s share of Capital Levy Funding required for West Harbour Development; and,
- (d) That the reserve funding included in the 2019 Tax Supported Capital Budget in the amount of \$41,283,000, attached as Appendix “C” to Report 18-021, be approved;
- (e) That funding from previously approved projects (Work-in-Progress (WIP’s)) included in the 2019 Tax Capital Budget in the amount of \$16,231,000, as attached in Appendix “D” to Report 18-021, be approved and any relevant projects be referred to the Capital Project Work-in-Progress Sub-Committee for closure;
- (f) That the operating budget impacts related to Digital Office: Smart City and Digital Transformation Project #3381959501, including two temporary FTE’s and associated costs for a period of up to 24 months in the amount of \$200,000 annually be funded from Tax Stabilization Reserve be approved;
- (g) That the requested term extension for temporary complement, including one temporary FTE related to AMANDA Applications Analyst, Project #8121457600 in the amount of \$160,000 annually for a period of up to 24 months, with no impact on the levy, as outlined in Appendix “E” to Report 18-021, be approved;

- (h) That the requested term extension for temporary complement, including one temporary FTE related to Senior Consultant, West Harbour Disposition Project #4411606002, in the amount of \$144,000 annually, for a period of up to 36 months, with no impact on the levy, as outlined in Appendix “E” to Report 18-021, be approved;
- (i) That the Acting General Manager, Finance and Corporate Services, be authorized to negotiate the terms and placement of a debenture issue(s), and / or private placement debenture issue(s), in either a public or private market and / or bank loan agreement and debenture issue(s) and / or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$16,124,000 Canadian currency, as attached in Appendix “A”, as amended, to Report 18-021, which includes \$3,833,000 in Tax Supported municipal debt and \$12,291,000 in Development Charges Tax Supported municipal debt,
- (j) That the Acting General Manager, Finance and Corporate Services, be authorized to engage the services of all required professionals to secure the terms and issuance of the debenture issue(s) described in subsection (i) including, but not limited to, external legal counsel, fiscal agents and Infrastructure Ontario’s Loan Program;
- (k) That the Acting General Manager, Finance and Corporate Services, Mayor and City Clerk are each authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents requiring their respective signatures, to secure the terms and issuance of the debenture issue(s) described in subsections (i), and (j), in a form satisfactory to the City Solicitor;
- (l) That the Mayor and City Clerk are authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents not requiring any specific signing authority, to secure the terms and issuance of the debenture issue(s) described in subsections (i) and (j), in a form satisfactory to the City Solicitor and with content acceptable to the Acting General Manager, Finance and Corporate Services; and,
- (m) That all necessary By-Law(s) be passed to authorize the debenture issue(s) negotiated placed and secured in accordance with subsections (i) and (j).

7. Cycling Infrastructure 2019 (PED19032) (City Wide) (Item 7.2)

That Report PED19032, respecting Cycling Infrastructure 2019, be received.

8. Proceeds of the Sale of the Pier 8 Lands (Item 8.1)

That the guaranteed proceeds of the sale of the Pier 8 lands, of \$41.2M, be used to fund the previously approved debt for the West Harbour Development of \$37.4M, with estimated principal and interest payments of \$54M over 15 years.

9. Project 3541641602 – Ancaster Memorial Arts and Culture Centre (Item 8.3)

WHEREAS, the Energy, Fleet and Facilities Management Division is tendering the Ancaster Memorial Arts & Culture Centre project in 2019;

WHEREAS, staff is required to submit the Agreement to the Federal Government, for the Canada Cultural Spaces Fund grant no later than 60 days, prior to March 31, 2019; and,

WHEREAS, Council authority is required to execute the agreement with the Federal Government for the \$1.5M in funding provided to the City of Hamilton as a grant.

THEREFORE, BE IT RESOLVED:

- (a) That the Mayor and Clerk be authorized and directed to execute the Federal Contribution agreement(s) and ancillary documents, as required, for the \$1.5M grant from the Federal Government, for the Ancaster Memorial Arts and Culture Centre - Project 3541641602, in a form satisfactory to the City Solicitor; and,
- (b) That staff be directed to report back to the Public Works Committee for approval, prior to awarding the tender for the Ancaster Memorial Arts and Culture Centre - Project 3541641602, with respect to any City funding that may be required for the project.

10. Digital Information Strategy and Information Technology Infrastructure (Item 8.4)

- (a) That the Terms of Reference for the Mayor's Intelligent Community Task Force, be amended to change the Task Force to a Sub-Committee, with

the Sub-Committee reporting to the Audit, Finance & Administration Committee; and,

- (a) That the City Manager be directed to report to the Mayor's Intelligent Community Sub-Committee, respecting a Digital Information Strategy, the information technology infrastructure to support that strategy, and any associated programs, projects and budgets related to the Digital Information Strategy.

FOR INFORMATION:

December 7, 2018:

(a) CHANGES TO THE AGENDA (Item 1)

The Committee Clerk advised that, although the following points were not changes to the agenda, the Committee should be advised:

5.3 2019 Tax Supported Capital Budget (FCS18097) (City Wide)

You have before you a "REVISED" Appendix "C" to Report FCS18097

As a result of the revised Appendix "C", sub-section (d) to that report will also need to be amended by deleting the dollar amount of "\$2,742,490" and replacing it with the dollar amount of **\$2,892,490**.

The agenda for the December 7, 2018 General Issues Committee (Budget) meeting was approved, as presented.

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(c) PRESENTATIONS (Item 4)

- (i) **Economic Update provided by Brett House, Vice President & Deputy Chief Economist, Scotia Bank (Item 5.1)**

Brett House, Vice President & Deputy Chief Economist, Scotia Bank, addressed Committee and provided an economic update.

Council – January 23, 2019

The presentation provided by Brett House, Vice President & Deputy Chief Economist, Scotia Bank, respecting an economic update, be received.

The presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

(ii) 2019 Budget Overview (FCS18096) (City Wide) (Item 5.2)

Mike Zegarac, Interim City Manager, addressed Committee and provided an overview of Report FCS18096, respecting the 2019 Budget Overview.

The presentation, respecting Report FCS18096, respecting the 2019 Budget Overview, was received.

The presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

For disposition of this matter, please refer to Item 2.

(iii) 2019 Tax Supported Capital Budget (FCS18097) (City Wide) (Item 5.3)

Mike Zegarac, Interim City Manager, addressed Committee and provided an overview of Report FCS18097, respecting the 2019 Tax Supported Capital Budget.

The presentation, respecting Report FCS18097, respecting the 2019 Tax Supported Capital Budget, was received.

The presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

Discussion of Report FCS18097, respecting the 2019 Tax Supported Capital Budget, was deferred to the December 14, 2018 General Issues Committee (Tax Capital Budget).

For disposition of this matter, please refer to Item 6.

(d) ADJOURNMENT (Item 11)

There being no further business, the General Issues Committee adjourned at 2:49 p.m.

Council – January 23, 2019

December 14, 2018:

(a) CHANGES TO THE AGENDA (Item 1)

The Committee Clerk advised that there were no changes to the agenda.

The agenda for the December 14, 2018 General Issues Committee (Capital Budget) meeting was approved, as presented.

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF PREVIOUS MEETINGS (Item 3)

(i) December 6, 2018 (Rate Budget) (Item 3.1)

The December 6, 2018 Minutes of the General Issues Committee (Rate Budget) meeting were approved, as presented.

(ii) December 7, 2018 (Tax Capital Budget) (Item 3.2)

The December 7, 2018 Minutes of the General Issues Committee (Capital Budget) meeting were approved, as presented.

(d) PRESENTATIONS (Item 5)

(i) 2019 Tax Supported Capital Budget (FCS18097) (City Wide) (Item 5.1)

Mike Zegarac, Interim City Manager, addressed Committee and provided an updated presentation respecting Report FCS18097, the 2019 Tax Supported Capital Budget.

The updated presentation, respecting Report FCS18097, the 2019 Tax Supported Capital Budget, was received.

The presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

For disposition of the above matter, please refer to Item 6.

(e) DISCUSSION ITEMS (Item 6)

(i) Hamilton Police Services Board Report PSB 18-108 – Hamilton Police Service 2019 Projected Capital Expenditures (Item 6.1)

Discussion of the Hamilton Police Services Board Report PSB 18-108, respecting the Hamilton Police Service 2019 Projected Capital Expenditures, was deferred to the January 21, 2019 General Issues Capital Budget meeting.

(f) NOTICES OF MOTION (Item 8)

Councillor L. Ferguson introduced the following Notice of Motion:

(i) West Harbour Infrastructure Funding Source (Item 8.1)

That the guaranteed proceeds of the Sale of the West Harbour lands of \$41.2M be used to fund the previously approved debt for the West Harbour Development of \$37.4M with estimated principal and interest payments of \$54M over 15 years.

Councillor L. Ferguson introduced the following Notice of Motion:

(ii) Paramedic Staffing Enhancement (Item 8.2)

That, notwithstanding the capital request in the amount of \$260K for a new ambulance be considered during the 2019 capital budget process, the paramedic staffing enhancement for 10 FTEs, in the amount of \$670K, be deferred to the 2019 operating budget for consideration.

(g) ADJOURNMENT (Item 11)

There being no further business, the General Issues Committee adjourned at 11:20 a.m.

January 21, 2019:

(a) CHANGES TO THE AGENDA (Item 1)

The Committee Clerk advised that there were no changes to the agenda.

The agenda for the January 21, 2019 General Issues Committee (Tax Capital Budget) meeting was approved, as presented.

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item3)

(i) December 14, 2018 (Tax Capital Budget) (Item 3.1)

The December 14, 2018 Minutes of the General Issues Committee (Tax Capital Budget) meeting were approved, as presented.

(d) PRESENTATIONS (Item 6)

(i) 2019 Tax Supported Capital Budget (Update) (FCS18097) (City Wide) (Item 6.1)

Mike Zegarac, Interim City Manager, addressed Committee and provided an updated presentation respecting Report FCS18097 – the 2019 Tax Supported Capital Budget.

The updated presentation, respecting Report FCS18097, the 2019 Tax Supported Capital Budget, was received.

The presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

The following Motion was DEFEATED at Committee:

That sub-section (c) to Report FCS18097, respecting the 2019 Tax Supported Capital Budget, be amended by adding a new sub-section (iv), to read as follows:

- (iv) That an additional 0.5% residential property tax increase be applied each year, from 2019 to 2028, to increase the capital funds to repair/rebuild roads on a priority basis city-wide.

Sub-section (d) to Report FCS18097, respecting the 2019 Tax Supported Capital Budget, which reads as follows, was deferred to the January 31, 2019 GIC Operating budget (Corporate Financials) meeting for further discussion:

- (d) That the operating budget and Full Time Equivalent (FTE) impacts of the 2019 Tax Supported Capital Budget in the amount of \$2,742,490 and 24.24 FTEs, attached as Appendix “C” to Report FCS18097, be incorporated into the 2019, or future, Tax Supported Operating Budgets.

For disposition of this matter, please refer to Item 6.

(e) DISCUSSION ITEMS (Item 7)

(i) Hamilton Police Services Board Report PSB 18-108 – Hamilton Police Service 2019 Projected Capital Expenditures (Item 7.1)

- (a) That the 2019 proposed budget amounts, reflected in Items 1 to 4 of the Hamilton Police Services Board Report PSB 18-108 – Hamilton Police Service 2019 Projected Capital Expenditures, as shown below, be approved and the total dollar amount of \$1,485,700, be reflected in the overall 2019 Tax Capital Budget (Report FCS18097) to avoid duplication of funding dollars:

1. 2019-Computer Aided Dispatch (CAD) Upgrade: \$500,000

HPS will be required to upgrade to the latest CAD software version to remain current for support. This upgrade includes the Computer Aided Dispatch (CAD) system for the radio room and the application that runs in patrol vehicles. The cost of the upgrade includes all professional services (implementation, training, and support after cut-over). The upgrade will also be required to coincide with the move to Windows 10. HPS deployment strategy will be **\$300,000 in 2019** and \$200,000 in 2020.

2. 2019 - 2022 - Roof Replacement - Police Stations - \$1,350,000

The roofing systems at Central, East End, and Mountain Police Stations have exceeded or are approaching their life expectancy. At Central Station, there are significant leaks during inclement weather.

HPS requested the City to include police facilities as part of the City's Building Condition Assessment Program. Stantec Consulting was retained to complete the work. As a result, a Facilities Condition Report (July 2016) was issued which identified a need to *replace* and/or repair the roofs due to age and condition. The following table shows the projected repairs required and the year of the repairs:

	2019	2020	2021	2022
Central Station – Division 1	\$250,000	\$200,000	\$250,000	\$250,000
East End Station – Division 2	\$200,000	\$0	\$0	\$0
Mountain Station – Division 3	\$0	\$0	\$0	\$200,000

3. 2019 - Roof-Top HVAC Units - Mountain Station - \$400,000

The roof-top HVAC units are the original units of the facility from its opening in 2004 and have exceeded their life expectancy of 10 years. The units are constantly failing, and parts are difficult to obtain. The new units will be more energy efficient.

4. 2019 - Conducted Energy Weapons (CEWs) - \$335,700

Currently, HPS deploys X26 CEWs to its front-line officers. They are being discontinued and; therefore, there is a need to move to the new X2 model. HPS needs to begin training and transitioning to the X2 CEW model in 2019. The costs include holsters, warranty, and cartridges for training, re-certification and operational needs.

(f) MOTIONS (Item 8)

(i) Project 7101954902 – Valley Park Lifecycle Renewal and Accessibility Funding (Item 8.2)

The Motion, respecting Project 7101954902 – Valley Park Lifecycle Renewal and Accessibility Funding, was deferred to the appropriate upcoming General Issues Committee 2019 Budget meeting.

(g) ADJOURNMENT (Item 11)

There being no further business, the General Issues Committee adjourned at 4:11 p.m.

Respectfully Submitted

J. Farr, Acting Deputy Mayor
Chair, General Issues Committee

Stephanie Paparella
Legislative Coordinator
Office of the City Clerk

S. Merulla, Deputy Mayor
Chair, General Issues Committee

City of Hamilton
Tax Capital Budget
2019 Capital Budget Project List
(000's)

													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
<u>City Manager</u>																
City Manager																
City Wide	3381959501	Digital Office: Smart City and Digital Transformation Program		1,000	-	-	-	-	-	-	-	1,000	1,000	-	-	-
City Wide	3381959502	City Hall Digital Sign Replacement		125	-	-	-	-	-	-	-	125	125	-	-	-
City Manager Total:				1,125	-	-	-	-	-	-	-	1,125	1,125	-	-	-
Human Resources																
	2051959703	Performance and Learning Management System		250	-	-	-	-	-	-	-	250	250	-	-	-
Human Resources Total:				250	-	-	-	-	-	-	-	250	250	-	-	-
<u>City Manager Total:</u>				1,375	-	-	-	-	-	-	-	1,375	1,375	-	-	-
<u>Corporate Services</u>																
Customer Service & POA																
City Wide	2051957901	Corporate Wide Customer Experience Feedback Program		286	-	-	-	-	-	-	-	286	286	-	-	-
Customer Service & POA Total:				286	-	-	-	-	-	-	-	286	286	-	-	-
Finance																
City Wide	2051580510	DC Exemptions Recovery		6,500	-	-	-	-	-	-	-	6,500	6,500	-	-	-
Finance Total:				6,500	-	-	-	-	-	-	-	6,500	6,500	-	-	-
Information Technology (IT)																
City Wide	3501757702	Network Infrastructure Sustainability and Continuous Improvement		194	-	-	-	-	-	-	-	194	194	-	-	-
City Wide	3501857801	IT Strategy and Enterprise Architecture		390	-	-	-	-	-	-	-	390	390	-	-	-
City Wide	3501957909	IT Strategy - Strategic Theme Integrated & Connected		50	-	-	-	-	-	-	-	50	50	-	-	-
City Wide	3501857806	Data Centre HVAC		200	-	-	-	-	-	-	-	200	200	-	-	-
City Wide	3501657602	IT Security		156	-	-	-	-	-	-	-	156	156	-	-	-
City Wide	3501957903	IT Strategy - Strategic Theme Mobility		50	-	-	-	25	-	-	-	25	25	-	-	-
City Wide	3501957905	IT Strategy - Strategic Theme Enabling Our People		600	-	-	-	-	-	-	-	600	600	-	-	-
City Wide	3501957906	IT Strategy - Strategic Theme IT Optimization		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	3501957907	Business Systems and Services Continuity Plan		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	3501957910	Messaging (Email) Platform Migration		596	-	-	-	596	-	-	-	-	-	-	-	-
Information Technology (IT) Total:				2,436	-	-	-	621	-	-	-	1,815	1,815	-	-	-
<u>Corporate Services Total:</u>				9,222	-	-	-	621	-	-	-	8,601	8,601	-	-	-
<u>Council Initiatives</u>																
Council Strategic Projects																
City Wide	2110953900	Randle Reef Rehabilitation Project		375	-	-	-	-	-	-	-	375	375	-	-	-
City Wide	2111956401	Parkland Acquisition		1,500	-	-	-	-	-	-	-	1,500	1,500	-	-	-
Council Strategic Projects Total:				1,875	-	-	-	-	-	-	-	1,875	1,875	-	-	-
<u>Council Initiatives Total:</u>				1,875	-	-	-	-	-	-	-	1,875	1,875	-	-	-

Healthy and Safe Communities

City of Hamilton

Tax Capital Budget

2019 Capital Budget Project List

(000's)

													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
Hamilton Fire Department																
City Wide	7401941603	Multi Agency Training Centre - Facility Upgrades		250	-	-	-	-	-	-	-	250	250	-	-	-
2	7401941606	Station 13 Renovation		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	7401951600	Annual Fire Equipment Replacement		1,268	-	-	-	1,268	-	-	-	-	-	-	-	-
City Wide	7401951602	Ice Water Rescue		200	-	-	-	-	-	-	-	200	200	-	-	-
15	7401841801	Flamborough/Carlisle/Waterdown Fire&Paramedic Station (DC DEBT)	*	1,500	-	-	1,500	-	-	-	-	-	-	-	-	-
City Wide	7401951601	Annual Fire Vehicle Replacement		5,405	-	-	-	5,405	-	-	-	-	-	-	-	-
Hamilton Fire Department Total:				8,723	-	-	1,500	6,673	-	-	-	550	550	-	-	-
Hamilton Paramedic Service																
City Wide	7641951101	Annual Paramedic Service Equipment Replacement		265	-	-	-	265	-	-	-	-	-	-	-	-
City Wide	7641951102	Paramedic Helmet Replacement		172	-	-	-	-	-	-	-	172	172	-	-	-
City Wide	7641951100	Annual Paramedic Service Vehicle Replacement		1,269	-	-	-	1,269	-	-	-	-	-	-	-	-
City Wide	7641951103	Ambulance Enhancement		260	-	-	-	-	-	-	-	260	260	-	-	-
Hamilton Paramedic Service Total:				1,966	-	-	-	1,534	-	-	-	432	432	-	-	-
Healthy and Safe Communities- Other Divisions																
	2051255204	Neighbourhood Strategy		235	-	-	-	-	-	235	-	-	-	-	-	-
City Wide	6501941100	Human Services Integration - Continuous Improvement Projects		160	-	-	-	-	-	-	-	160	160	-	-	-
City Wide	6731641601	Hamilton's Community Bed Bug Strategy		158	-	-	-	-	-	-	-	158	158	-	-	-
Healthy and Safe Communities- Other Divisions Total:				553	-	-	-	-	-	235	-	318	318	-	-	-
Housing Services																
City Wide	6731741609	Poverty Reduction Investment (PRI) - Affordable Rental Housing Construction		4,000	-	-	-	-	-	-	-	4,000	-	-	-	4,000
City Wide	6731841610	Poverty Reduction Investment (PRI) - Indigenous Poverty Reduction		1,000	-	-	-	-	-	-	-	1,000	-	-	-	1,000
City Wide	6731841611	Poverty Reduction Investment (PRI) - Social Housing Repairs & Renovations		2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000
City Wide	6731941302	Social Housing Capital Repairs and Regeneration		500	-	-	-	-	-	-	-	500	500	-	-	-
Housing Services Total:				7,500	-	-	-	-	-	-	-	7,500	500	-	-	7,000
Long Term Care Homes																
City Wide	6301841001	ML - Roof Replacement		753	-	-	-	253	-	-	-	500	500	-	-	-
City Wide	6301841801	WL - 1989 Wing Roof Replacement		332	-	-	-	332	-	-	-	-	-	-	-	-
City Wide	6301841802	ML - D Wing- Refurbishment		60	-	-	-	60	-	-	-	-	-	-	-	-
City Wide	6301941001	WL - Main Entrance Redesign		50	-	-	-	50	-	-	-	-	-	-	-	-
City Wide	6301941002	WL - Dish Room/Physio & Salon Exhaust & Supply		25	-	-	-	25	-	-	-	-	-	-	-	-
City Wide	6301941003	WL - Radiant Heating Panel/Thermostat Controls		25	-	-	-	25	-	-	-	-	-	-	-	-
City Wide	6301941006	WL - Servery Retrofit (Cabinet and Counter Replacement)		30	-	-	-	30	-	-	-	-	-	-	-	-
City Wide	6301951002	ML & WL - Annual Resident Care Equipment Replacement		80	-	-	-	80	-	-	-	-	-	-	-	-
City Wide	6301951005	ML - Rooftop Unit (HVAC) Replacement		80	-	-	-	80	-	-	-	-	-	-	-	-

City of Hamilton
Tax Capital Budget
2019 Capital Budget Project List
(000's)

													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
Long Term Care Homes Total:				1,435	-	-	-	935	-	-	-	500	500	-	-	-
Healthy and Safe Communities Total:				20,177	-	-	1,500	9,142	-	235	-	9,300	2,300	-	-	7,000
Outside Boards & Agencies																
CityHousing Hamilton																
City Wide	6181941602	City Housing Contribution		500	-	-	-	-	-	-	-	500	500	-	-	-
CityHousing Hamilton Total:				500	-	-	-	-	-	-	-	500	500	-	-	-
H.C.A. & Westfield Heritage Village																
City Wide	3801956100	Hamilton Conservation Authority Critical and Safety Projects		1,850	-	-	-	-	-	-	-	1,850	-	-	-	1,850
City Wide	3801958902	Westfield Heritage Village - Critical and/or Safety Projects		150	-	-	-	-	-	-	-	150	-	-	-	150
H.C.A. & Westfield Heritage Village Total:				2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000
Hamilton Beach Rescue (HBRU)																
City Wide	2861951700	HBRU Renovations & Equipment Purchases		70	-	-	-	70	-	-	-	-	-	-	-	-
Hamilton Beach Rescue (HBRU) Total:				70	-	-	-	70	-	-	-	-	-	-	-	-
Hamilton Public Library																
13	7501741610	New Library - Greensville		625	-	-	250	95	-	-	-	280	280	-	-	-
9	7501741601	Valley Park Library Expansion (DC DEBT \$120)	*	1,100	-	-	440	220	-	-	-	440	440	-	-	-
Hamilton Public Library Total:				1,725	-	-	690	315	-	-	-	720	720	-	-	-
Police Services																
2, 5, 7	3761951812	Hamilton Police Stations- Roof Repairs and HVAC		850	-	-	-	-	-	-	-	850	-	850	-	-
City Wide	3761957805	Police Computer Aided Dispatch (CAD) Upgrade		300	-	-	-	-	-	-	-	300	300	-	-	-
City Wide	3761951811	Conducted Energy Weapons (CEW)		335	-	-	-	-	-	-	-	335	335	-	-	-
Police Services Total:				1,485	-	-	-	-	-	-	-	1,485	635	850	-	-
Outside Boards & Agencies Total:				5,780	-	-	690	385	-	-	-	4,705	1,855	850	-	2,000
Planning & Economic Development																
Economic Development																
City Wide	3621708900	Economic Development Initiatives		765	-	-	-	-	-	-	-	765	765	-	-	-
Economic Development Total:				765	-	-	-	-	-	-	-	765	765	-	-	-
Growth Management																
City Wide	4141946100	City Share of Servicing Costs under Subdivision Agreements		3,000	-	-	3,000	-	-	-	-	-	-	-	-	-
Growth Management Total:				3,000	-	-	3,000	-	-	-	-	-	-	-	-	-
Licensing & By-Law Services																
City Wide	4501955900	Digital Signage Strategy		90	-	-	-	-	-	-	-	90	90	-	-	-
City Wide	4501957900	Handheld Ticketing Device-System Integration		200	-	-	-	-	-	100	-	100	100	-	-	-
City Wide	4501951900	Vehicle Purchases - Licensing		90	-	90	-	-	-	-	-	-	-	-	-	-
Licensing & By-Law Services Total:				380	-	90	-	-	-	100	-	190	190	-	-	-
Parking Services																
City Wide	4901957900	Online Parking Permitting Module		100	-	-	-	100	-	-	-	-	-	-	-	-
City Wide	4901445100	Parking Lots - Surface Repairs		100	-	-	-	100	-	-	-	-	-	-	-	-

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City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources			
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
City Wide	4901945900	Waterproofing Membrane Replacement - Convention Centre Parking Garage		50	-	-	-	50	-	-	-	-	-	-	-	-
City Wide	4901751700	Parking Payment Equipment		100	-	-	-	100	-	-	-	-	-	-	-	-
City Wide	4901957901	Pay-on-Foot System Replacement - York Blvd Parkade and Convention Centre Parking Garage		550	-	-	-	550	-	-	-	-	-	-	-	-
2	4501941900	Parking Control Squad Room		30	-	-	-	30	-	-	-	-	-	-	-	-
City Wide	4901955900	Parking Master Plan Consultant		200	-	-	135	65	-	-	-	-	-	-	-	-
Parking Services Total:				1,130	-	-	135	995	-	-	-	-	-	-	-	-
Planning Services																
City Wide	8121957900	3D Model Development		120	-	-	108	-	-	-	-	12	12	-	-	-
City Wide	8121957901	Digital Planning Applications		385	-	-	135	-	-	-	-	250	250	-	-	-
City Wide	8120955900	Community Planning Studies		100	-	-	31	-	-	-	-	69	69	-	-	-
City Wide	8121255620	Part IV Designation of Properties under the Ontario Heritage Act		31	-	-	-	-	-	-	-	31	31	-	-	-
City Wide	8121755700	Woodland Protection Strategy		175	-	-	157	-	-	-	-	18	18	-	-	-
City Wide	8121755706	Planning & Zoning Growth Area		525	-	-	472	-	-	-	-	53	53	-	-	-
City Wide	8141655600	City Wide Employment Survey		100	-	-	90	-	-	-	-	10	10	-	-	-
Planning Services Total:				1,436	-	-	993	-	-	-	-	443	443	-	-	-
Tourism & Culture																
2	7201841803	St. Mark's Interior Restoration		1,000	-	-	-	-	-	-	-	1,000	1,000	-	-	-
City Wide	7201858802	Art and Monuments		55	-	-	-	-	-	-	-	55	55	-	-	-
5	7101741707	Battlefield Barn Restoration		500	-	-	-	500	-	-	-	-	-	-	-	-
City Wide	7201658600	Collections Registration Preservation Project		55	-	-	-	-	-	-	-	55	55	-	-	-
City Wide	7201941903	Gage House Porch and Exterior Cladding		440	-	-	-	-	-	-	-	440	440	-	-	-
City Wide	7201941905	Dundurn Coachouse Interior Improvements		92	-	-	-	-	-	-	92	-	-	-	-	-
4	7201958904	Steam Museum Landscape Restoration		152	-	-	-	-	-	-	-	152	152	-	-	-
Tourism & Culture Total:				2,294	-	-	-	500	-	-	92	1,702	1,702	-	-	-
Urban Renewal																
City Wide	8201703706	Community Downtowns and BIAs		224	-	-	-	-	-	-	-	224	224	-	-	-
City Wide	3621708002	Brownfield Development		200	-	-	-	-	-	-	-	200	200	-	-	-
City Wide	8201641800	Heritage Property Improvement Grants		870	-	-	-	-	-	-	-	870	870	-	-	-
2, 3, 4	8201703700	Barton/Kenilworth Commercial Corridor Building Grant Program		200	-	-	-	-	-	-	-	200	200	-	-	-
2, 3, 4	8201703701	Barton and Kenilworth Rebate of Planning and Building Fees		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	8201703703	(BIA) Commercial Property Improvement Grant Program		406	-	-	-	-	-	-	-	406	406	-	-	-
City Wide	8201703704	Commercial Property Improvement Grant Program		210	-	-	-	-	-	-	-	210	210	-	-	-
Urban Renewal Total:				2,210	-	-	-	-	-	-	-	2,210	2,210	-	-	-
Planning & Economic Development Total:				11,215	-	90	4,128	1,495	-	100	92	5,310	5,310	-	-	-
Public Works Tax Funded																

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													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
Corporate Facilities																
City Wide	3541849003	Backflow Prevention for Various Facilities		250	-	-	-	-	-	-	-	250	250	-	-	-
2	3541941901	Capital Lifecycle Renewal - Hamilton Farmer's Market		550	-	-	-	-	-	-	-	550	550	-	-	-
10	3541941910	Stoney Creek City Hall -RCMP Lease Capital Replacement		210	-	-	-	210	-	-	-	-	-	-	-	-
2	3541741603	Central Library Window Replacement		1,200	-	-	-	-	-	500	-	700	700	-	-	-
City Wide	3541941409	Program - Facilities Code & Legislative Compliance		650	-	-	-	-	-	-	-	650	650	-	-	-
City Wide	3541941412	Program - Roof Management		800	-	-	-	-	-	-	-	800	800	-	-	-
City Wide	3541941532	Program - Facility Capital Maintenance		450	-	-	-	-	-	-	-	450	450	-	-	-
City Wide	3541941631	Program - Facilities Security		150	-	-	-	-	-	-	-	150	150	-	-	-
City Wide	3541951900	Generator Compliance Testing and Upgrades		110	-	-	-	-	-	-	-	110	110	-	-	-
City Wide	3541941013	Program - Firestations Facility Upgrade		300	-	-	-	-	-	-	-	300	300	-	-	-
City Wide	3541941648	Program - Parking Lot Rehabilitation		600	-	-	-	-	-	-	-	600	600	-	-	-
City Wide	3541955001	Program Yard Capital Renewal		300	-	-	-	-	-	-	-	300	300	-	-	-
Corporate Facilities Total:				5,570	-	-	-	210	-	500	-	4,860	4,860	-	-	-
Energy Initiatives																
City Wide	7901941900	Traffic Operations Centre - LED lighting Upgrade		60	-	-	-	60	-	-	-	-	-	-	-	-
City Wide	7901941901	Wentworth Operations Centre - LED Lighting Systems Upgrade (Interior)		30	-	-	-	30	-	-	-	-	-	-	-	-
City Wide	7901941902	Lister Block - LED Lighting Upgrade		125	-	-	-	125	-	-	-	-	-	-	-	-
City Wide	7901949000	Solar Wall - Norman Pinky Lewis Recreation Centre		117	-	-	-	117	-	-	-	-	-	-	-	-
Energy Initiatives Total:				332	-	-	-	332	-	-	-	-	-	-	-	-
Entertainment Facilities																
2	3721841801	Program FirstOntario Concert Hall Replacements and Renovations		100	-	100	-	-	-	-	-	-	-	-	-	-
2	3721941805	Program HCC, FOCH & FOC Lifecycle Renewal		539	-	-	-	-	-	-	-	539	539	-	-	-
2	3721949902	Expansion Joint Replacement Commonwealth Square		250	83	-	-	83	-	-	-	84	84	-	-	-
2	3721949901	Summer's Lane Structural Rehab & Pedestrianization		1,950	-	-	-	350	-	1,423	-	177	177	-	-	-
Entertainment Facilities Total:				2,839	83	100	-	433	-	1,423	-	800	800	-	-	-
Fleet Services																
City Wide	4941951001	Shop Equipment Replacement		165	-	-	-	165	-	-	-	-	-	-	-	-
City Wide	4941951004	Street Sweeper Purchase		730	-	-	-	730	-	-	-	-	-	-	-	-
City Wide	4941951100	Fleet Vehicle&Equipment Replace Program		9,230	-	-	-	9,230	-	-	-	-	-	-	-	-
Fleet Services Total:				10,125	-	-	-	10,125	-	-	-	-	-	-	-	-
Forestry & Horticulture																
City Wide	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)		2,600	-	-	-	-	-	-	-	2,600	2,600	-	-	-
City Wide	4451853701	Gypsy Moth Monitoring and Management		550	-	-	-	550	-	-	-	-	-	-	-	-
City Wide	4451953444	Tree Planting Program		1,345	-	-	-	-	-	-	-	1,345	1,345	-	-	-
Forestry & Horticulture Total:				4,495	-	-	-	550	-	-	-	3,945	3,945	-	-	-

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2019 Capital Budget Project List
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													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
O & M - Parks & Cemeteries																
City Wide	4401949007	Cemetery Columbarium		70	-	-	-	70	-	-	-	-	-	-	-	-
City Wide	4401941001	Cemetery Building Repairs		115	-	-	-	-	-	-	-	115	115	-	-	-
City Wide	4401949107	Park Fencing Program		118	-	-	-	-	-	-	-	118	118	-	-	-
City Wide	4401949104	Park Sports/Security Lighting Upgrade Program		60	-	-	-	-	-	-	-	60	60	-	-	-
City Wide	4401949510	Spraypad Infrastructure Rehabilitation Program		70	-	-	-	-	-	-	-	70	70	-	-	-
City Wide	4401952600	Playground Lifecycle Replacement Program		400	-	-	-	200	-	-	-	200	200	-	-	-
City Wide	4401956001	Leash free Dog Park Program		80	-	-	-	80	-	-	-	-	-	-	-	-
City Wide	7201941902	Battlefield Park Bridge Replacement		500	-	-	-	-	-	-	-	500	500	-	-	-
City Wide	4401951601	Equipment Acquisition (DC) Program		247	-	-	247	-	-	-	-	-	-	-	-	-
City Wide	4401951700	Small Equipment Replacement (Reserve) Program		80	-	-	-	80	-	-	-	-	-	-	-	-
5	4401951903	Confederation Beach Park - Capital Maintenance Program		175	-	-	-	175	-	-	-	-	-	-	-	-
City Wide	4401949101	Park Pathway Resurfacing Program		215	-	-	-	-	-	-	-	215	215	-	-	-
15	4401955901	Memorial Park Storm Water Management Study		90	-	-	-	90	-	-	-	-	-	-	-	-
City Wide	4401952100	CSA Safety Material Replacement Program		175	-	-	-	25	-	-	-	150	150	-	-	-
City Wide	4401911601	Cemetery Roads Rehabilitation Program		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4401949504	Parkland Identification and Way Finding Signage		20	-	-	-	-	-	-	-	20	20	-	-	-
City Wide	4401954699	Tennis and Multi -use Court Rehabilitation Program		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4401955800	QC/CA - Parks and Cemeteries Material Testing		10	-	-	-	-	-	-	-	10	10	-	-	-
O & M - Parks & Cemeteries Total:				2,625	-	-	247	720	-	-	-	1,658	1,658	-	-	-
Open Space Development																
6, 9	4401056060	Open Space Replacement Strategy-East Mtn Trail Loop		300	-	-	14	-	-	-	-	286	286	-	-	-
5	4401356801	Confederation Park Redevelopment (DC DEBT \$675)	*	2,364	-	-	2,127	-	-	-	-	237	237	-	-	-
12	4401756718	Ancaster Meadows Park (Proposed)		650	-	-	585	-	-	-	-	65	65	-	-	-
12	4401856806	Bookjans West Proposed Park (25T 200725) - Ancaster Glen		500	-	-	450	-	-	-	-	50	50	-	-	-
City Wide	4401955600	Parks Testing and Reporting		80	-	-	-	-	-	-	-	80	80	-	-	-
8	4401956600	Olmstead Natural Open Space - Monitoring		50	-	-	-	-	-	-	-	50	50	-	-	-
5	4401956802	Beach Park Development Program		100	-	-	-	-	-	-	-	100	100	-	-	-
9	4401956902	Red Hill Phase 3 and 4 Park		650	-	-	585	-	-	-	-	65	65	-	-	-
4	4401956904	Andrew Warburton Memorial Park		150	-	-	-	-	-	-	-	150	150	-	-	-
15	4401956906	Gatesbury Park		89	-	-	-	-	-	-	-	89	89	-	-	-
12	4401956910	Ancaster Soccer Improvements		350	-	-	-	-	-	-	-	350	350	-	-	-
12	4401956912	Meadowlands Community Park		65	-	-	58	-	-	-	-	7	7	-	-	-
13	4401956921	Johnson Tew Planting		50	-	-	-	-	-	-	-	50	50	-	-	-
1	4401956922	Alexander Park Skate Park		532	-	-	-	-	-	118	-	414	414	-	-	-
2	4401956925	City Hall Peace Garden		90	-	-	-	-	-	-	-	90	90	-	-	-
1	4401956926	HAAA - Implementation of Master Plan		171	-	-	-	-	-	-	-	171	171	-	-	-
City Wide	4401858800	Skatepark Facility - Recreation study implementation		127	-	-	-	-	-	-	-	127	127	-	-	-

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													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
6, 7, 8, 9	4401756703	Mountain Brow Path		80	-	-	-	-	-	-	-	80	80	-	-	-
6	4401956903	Stonechurch Road Trail Link @ Dartnall		150	-	-	142	-	-	-	-	8	8	-	-	-
7	4401956929	HRTMP Initiative 7-1 - Limeridge Mall Hydro Corridor Trail		138	-	-	131	-	-	-	-	7	7	-	-	-
1, 2, 3, 4, 5, 10, 13	4401956930	City wide Shoreline Protection Measures		150	-	-	-	-	-	-	-	150	150	-	-	-
15	4401956932	HRTMP Initiative 15-12 Mountain Brow Road Link		43	-	-	41	-	-	-	-	2	2	-	-	-
15	4401956933	HRTMP Initiative 15-7: Highway 5 - Mountain Brow Link		613	-	-	551	-	-	-	-	62	62	-	-	-
1, 14	4401956934	Chedoke Falls Viewing Implementation		291	-	-	-	-	-	-	-	291	291	-	-	-
City Wide	4401856601	Legislated Monitoring		50	-	-	-	-	-	-	-	50	50	-	-	-
9	4401556503	Heritage Green Community Sports Park Implementation		500	-	-	-	-	-	133	-	367	367	-	-	-
Open Space Development Total:				8,333	-	-	4,684	-	-	251	-	3,398	3,398	-	-	-
Recreation Facilities																
City Wide	7101954536	Program - Arena Retrofits		300	-	-	-	-	-	-	-	300	300	-	-	-
6	7101954904	Mohawk Quad Pad Arena Roof Investigation		250	-	-	-	250	-	-	-	-	-	-	-	-
4	7101954908	Freon Upgrade at Parkdale Arena		1,600	-	-	-	-	-	-	-	1,600	1,600	-	-	-
2	7101841800	Parks North Yard at Bayfront Park		800	-	-	719	-	-	-	-	81	81	-	-	-
13	7101854807	Dundas Valley Community Park Improvement & Pavillion Feasibility		200	-	-	-	-	-	-	-	200	200	-	-	-
10	7101954907	Winona Recreation Centre Feasibility (New)		150	-	-	135	-	-	-	-	15	15	-	-	-
9	7101754706	Valley Park Community Centre Fit-up		1,500	-	-	1,215	-	-	-	-	285	285	-	-	-
7	7101954905	Sackville Hill Senior Expansion & Lifecycle Renewal		500	-	-	-	-	-	500	-	-	-	-	-	-
City Wide	7101941701	Program - Community Halls Retrofits		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	7101954105	Program - Park & Fieldhouse Retrofits		100	-	-	-	-	-	-	-	100	100	-	-	-
4	7101558501	Parkdale Outdoor Pool Redevelopment & Expansion		2,000	-	-	150	-	-	-	-	1,850	1,850	-	-	-
13	7101654609	Greensville Recreation Centre/School		343	-	-	303	-	-	-	-	40	40	-	-	-
11	7101954901	Binbrook Recreation Centre Feasibility		100	-	-	90	-	-	-	-	10	10	-	-	-
5	7101954903	Riverdale Community Hub		2,000	2,000	-	-	-	-	-	-	-	-	-	-	-
11	7101954906	Mt. Hope New Recreation Facility		350	-	-	315	-	-	-	-	35	35	-	-	-
Recreation Facilities Total:				10,293	2,000	-	2,927	250	-	500	-	4,616	4,616	-	-	-
Roads																
Asset Preservation																
8	4031911018	Asset Preservation - Balfour Neighbourhood		2,400	-	-	-	-	-	-	-	2,400	240	-	2,160	-
8	4031911019	Asset Preservation - Buchanan Neighbourhood		1,700	-	-	-	-	-	-	-	1,700	170	-	1,530	-
14	4031911020	Asset Preservation - Mountview Neighbourhood (Southwest Section)		2,290	-	-	-	-	-	-	900	1,390	139	-	1,251	-
1	4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)		2,517	-	-	-	-	-	2,517	-	-	-	-	-	-
7	4031919112	Bruceedale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood)		1,950	-	-	-	-	-	780	-	1,170	117	-	1,053	-
4	4031919115	Delena / Beland / Dunsmore		100	-	-	-	-	-	-	-	100	100	-	-	-

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													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
4	4031919118	Roxborough - Kenilworth to Strathearne (Homeside Neighbourhood)		100	-	-	-	-	-	-	-	100	100	-	-	-
2	4031919119	Sheaffe / Park / Mulberry (Central Neighbourhood (North))		2,710	-	-	-	-	-	910	-	1,800	180	-	1,620	-
<u>Asset Preservation Total:</u>				13,767	-	-	-	-	-	4,207	900	8,660	1,046	-	7,614	-
<u>Bridges & Structures</u>																
11	4031418437	Bridge 417 - Harrison Rd, 310m n/o Hall Rd		500	-	-	-	-	-	-	-	500	50	-	450	-
11	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook		580	-	-	-	-	-	-	-	580	58	-	522	-
11	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd		550	-	-	-	-	-	-	-	550	55	-	495	-
13	4031618385	Bridge 385 - Westover Rd, 170m n/o Concession 4W		500	-	-	-	-	-	-	-	500	50	-	450	-
2, 7	4031817644	Claremont Access - Bin Wall Removal		280	-	-	-	-	-	-	-	280	280	-	-	-
11	4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
11	4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
9	4031818366	Bridge 366 - Mud St W, 320m e/o Paramount Dr		1,000	-	-	-	-	-	-	-	1,000	100	-	900	-
11	4031818441	Bridge 441 - Harrison Rd - 665m n/o Hall Rd		580	-	-	-	-	-	-	-	580	58	-	522	-
3	4031917943	Sherman Access East Retaining Wall Replacement		170	-	-	-	-	-	-	-	170	170	-	-	-
5	4031918048	Bridge 048 - Jones St, 110m w/o King St E		30	-	-	-	-	-	-	-	30	30	-	-	-
11	4031918126	Bridge 126 - Regional Rd 56, 605m n/o Guyatt Rd		170	-	-	-	-	-	-	-	170	170	-	-	-
City Wide	4031918217	Bridge and Culvert Maintenance		2,000	-	-	-	-	-	-	-	2,000	-	-	-	2,000
13	4031918342	Bridge 342 - Westover Rd, 245m n/o Highway No. 8		170	-	-	-	-	-	-	-	170	170	-	-	-
11	4031918433	Bridge 433 - Westbrook Road, 135m n/o Regional Rd 9A		40	-	-	-	-	-	-	-	40	40	-	-	-
5, 10	4031918975	MTO/City Cost Shared Service Rd Culverts		2,000	-	-	-	-	-	-	-	2,000	2,000	-	-	-
<u>Bridges & Structures Total:</u>				8,910	-	-	-	-	-	-	-	8,910	3,571	-	3,339	2,000
<u>Computer Technology</u>																
City Wide	4031957944	18-055 PW Asset Management (PW-AM) System Evaluation		750	-	-	-	-	-	-	-	750	750	-	-	-
<u>Computer Technology Total:</u>				750	-	-	-	-	-	-	-	750	750	-	-	-
<u>Council Priority</u>																
1	4031911601	Council Priority - Ward 1 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
2	4031911602	Council Priority - Ward 2 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
3	4031911603	Council Priority - Ward 3 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
4	4031911604	Council Priority - Ward 4 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
5	4031911605	Council Priority - Ward 5 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
6	4031911606	Council Priority - Ward 6 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
7	4031911607	Council Priority - Ward 7 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
8	4031911608	Council Priority - Ward 8 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
9	4031911609	Council Priority - Ward 9 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
10	4031911610	Council Priority - Ward 10 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
11	4031911611	Council Priority - Ward 11 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
12	4031911612	Council Priority - Ward 12 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
13	4031911613	Council Priority - Ward 13 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200

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City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources			
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
14	4031911614	Council Priority - Ward 14 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
15	4031911615	Council Priority - Ward 15 Minor Rehabilitation		200	-	-	-	-	-	-	-	200	-	-	-	200
<u>Council Priority Total:</u>				3,000	-	-	-	-	-	-	-	3,000	-	-	-	3,000
<u>Development Engineering</u>																
15	4031380360	Waterdown - Burlington Road Upgrades (DC DEBT)	*	5,380	-	-	5,380	-	-	-	-	-	-	-	-	-
11	4031480481	Barton Street Improvements Class EA (Stoney Creek)		220	-	-	44	-	-	-	-	176	176	-	-	-
6, 11	4031580584	RHBP - Nebo - Rymal to Twenty (DC DEBT)	*	150	-	-	128	-	-	-	-	22	22	-	-	-
11	4031580585	Twenty Road Extension, Schedule C EA		120	-	-	120	-	-	-	-	-	-	-	-	-
9	4031580594	First Road West - Green Mountain to Mud		4,160	-	-	3,536	-	-	-	-	624	624	-	-	-
10, 11	4031780781	Highway 8 Improvements Class EA (Stoney Creek)		220	-	-	130	-	-	-	-	90	90	-	-	-
11	4031880883	Dickenson Road Class EA (Upper James to Southcote) (AEGD)		250	-	-	210	-	-	-	-	40	40	-	-	-
11, 12, 14	4031980783	Glancaster Road Class EA (Garner to Dickenson) (AEGD)		690	-	-	587	-	-	-	-	103	103	-	-	-
12	4031980951	Springbrook Ave (Phase 2) - Regan to Garner		1,500	-	-	1,275	-	-	-	-	225	225	-	-	-
12	4031980985	Miller Drive urbanization - Anson to Garden		570	-	-	540	-	-	-	-	30	30	-	-	-
10	4031980988	Fruitland Road By-pass - Barton to Hwy 8 (DC DEBT)	*	5,280	-	-	4,488	-	-	-	-	792	792	-	-	-
<u>Development Engineering Total:</u>				18,540	-	-	16,438	-	-	-	-	2,102	2,102	-	-	-
<u>Replacement Program</u>																
13	4031819101	Baldwin / Court - West St. to Dundas St.		620	-	-	-	-	-	180	-	440	44	-	396	-
1	4031819101	Locke - Herkimer to Main		4,400	-	-	-	-	-	800	-	3,600	360	-	3,240	-
10	4031819104	Hewitson – Dupont to Barton and Dupont		690	-	-	-	-	-	690	-	-	-	-	-	-
City Wide	4031910006	Minor Construction Program		300	-	-	-	-	-	-	-	300	300	-	-	-
2	4031911028	Strachan - James to east end		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4031911225	Geotechnical Investigation Program		700	-	-	-	-	-	-	-	700	700	-	-	-
City Wide	4031914405	Contaminated Soil & Rock Disposal Program		240	-	-	-	-	-	-	-	240	240	-	-	-
4	4031919110	Barton - Parkdale to Talbot		100	-	-	-	-	-	-	-	100	100	-	-	-
4	4031919111	Brampton - Parkdale to Strathearne		1,900	-	-	-	-	-	740	-	1,160	116	-	1,044	-
3	4031919114	Cheever - Barton to Birge and Birge - Cheever to Wentworth		620	-	-	-	-	-	240	-	380	38	-	342	-
1	4031919116	Haddon - Sterling to Marion		840	-	-	-	-	-	310	-	530	53	-	477	-
4	4031919117	Parkdale - Burlington to north end & Steel City Court		3,500	-	-	-	-	-	1,050	-	2,450	245	-	2,205	-
City Wide	4031921960	Fleet Additions - Engineering Services - Construction		50	-	-	-	-	-	-	-	50	50	-	-	-
City Wide	4031949555	QA-QC Service Contract Program		150	-	-	-	-	-	-	-	150	150	-	-	-
2	4241709201	Area Rating - Ferguson - Simcoe to Burlington		1,100	-	-	-	-	-	1,100	-	-	-	-	-	-
<u>Replacement Program Total:</u>				15,310	-	-	-	-	-	5,110	-	10,200	2,496	-	7,704	-
<u>Road Operations & Maintenance</u>																
City Wide	4031910005	Major Road Maintenance Program		1,000	-	-	-	-	-	-	-	1,000	-	-	-	1,000
City Wide	4031910012	Railway Roadway Crossings Rehabilitation Program		150	-	-	-	-	-	-	-	150	150	-	-	-
City Wide	4031911224	Sidewalk Rehabilitation Program		750	-	-	-	-	-	-	-	750	750	-	-	-
City Wide	4031917241	Fencing/Sound Barrier Rehabilitation/Replacement within the Road		150	-	-	-	-	-	-	-	150	150	-	-	-

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City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	Financing Sources			
													From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
City Wide	4031941762	Yard Facility Maintenance and Improvement Program		200	-	-	-	-	-	-	-	200	200	-	-	-
City Wide	4031951410	Roads - Small Equipment Replacement		50	-	-	-	50	-	-	-	-	-	-	-	-
City Wide	4041910004	Escarpment Slope & Appurtenance Stabilization Program		1,000	-	-	-	-	-	-	-	1,000	454	-	546	-
City Wide	4041910417	Retaining Wall Rehabilitation Program		850	-	-	-	-	-	-	-	850	-	-	-	850
City Wide	4041917384	Guide Rail Replacement Program		400	-	-	-	-	-	-	-	400	-	-	-	400
13	4041941963	Brock Rd and Rockton Yard Improvements		150	-	-	-	-	-	-	-	150	-	-	-	150
City Wide	4041951960	Road Operations Weigh Scales		100	-	-	-	-	-	-	-	100	-	-	-	100
<u>Road Operations & Maintenance Total:</u>				4,800	-	-	-	50	-	-	-	4,750	1,704	-	546	2,500
<u>Road OPS Growth</u>																
City Wide	4031921350	Fleet Additions - Roads O&M		200	-	-	129	-	-	-	-	71	71	-	-	-
<u>Road OPS Growth Total:</u>				200	-	-	129	-	-	-	-	71	71	-	-	-
<u>Rural Rehabilitation Program</u>																
City Wide	4031917677	Preventative Maintenance Program		2,200	-	-	-	-	-	-	-	2,200	220	-	1,980	-
<u>Rural Rehabilitation Program Total:</u>				2,200	-	-	-	-	-	-	-	2,200	220	-	1,980	-
<u>Street Lights</u>																
City Wide	4031955963	IoT & Smart Cities Street Lighting Strategy Development		150	-	-	-	-	-	-	-	150	150	-	-	-
City Wide	4041610018	Low-Wattage Street Lighting LED Replacement		500	500	-	-	-	-	-	-	-	-	-	-	-
City Wide	4041910017	Street Lighting Capital Program		500	-	-	-	-	-	-	-	500	500	-	-	-
<u>Street Lights Total:</u>				1,150	500	-	-	-	-	-	-	650	650	-	-	-
<u>Technical Studies & Reporting</u>																
City Wide	4031918218	OSIM Bridge and Culvert Inspections		340	-	-	-	-	-	-	-	340	340	-	-	-
City Wide	4031918219	Structural Investigations and Reports		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4031955556	Mapping Update Program		40	-	-	-	-	-	-	-	40	40	-	-	-
City Wide	4031955622	Active Transportation Benchmarking		30	-	-	-	-	-	-	-	30	30	-	-	-
City Wide	4031955744	TMP Modelling & Monitoring		80	-	-	-	-	-	-	-	80	80	-	-	-
City Wide	4031955878	Hamilton Public Bike Share Expansion Planning		100	-	-	-	-	-	-	-	100	100	-	-	-
City Wide	4031955916	Complete Liveable Better Streets Manual		250	-	-	-	-	-	-	-	250	250	-	-	-
City Wide	4031955962	Road Network Pavement Inspection		450	-	-	-	-	-	-	-	450	450	-	-	-
City Wide	4031955985	Highway 403 Connections Study		30	-	-	-	-	-	-	-	30	30	-	-	-
City Wide	4031955986	Multi-modal Level-of-Service (MMLOS) Policy and Transportation Impact		130	-	-	-	-	-	-	-	130	130	-	-	-
City Wide	4031955987	Road Classification Harmonization Study and R-O-W Review		80	-	-	-	-	-	-	-	80	80	-	-	-
<u>Technical Studies & Reporting Total:</u>				1,630	-	-	-	-	-	-	-	1,630	1,630	-	-	-
<u>Traffic</u>																
City Wide	4031710715	Railway Crossings - Review and Upgrades		500	-	-	-	-	-	-	-	500	500	-	-	-
4	4031955946	Kenilworth - Barton to Main - Detailed Design		150	-	-	-	150	-	-	-	-	-	-	-	-
3	4241809305	Pedestrian Crossing - Victoria Ave N at Copeland		75	-	-	-	75	-	-	-	-	-	-	-	-
City Wide	4661720721	Pedestrian Crossovers		300	-	-	-	300	-	-	-	-	-	-	-	-
City Wide	4661720722	Overhead Sign Structure		200	-	-	-	-	-	-	-	200	200	-	-	-

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													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
City Wide	4661915820	Traffic Counts Program		300	-	-	-	-	-	-	-	300	300	-	-	-
City Wide	4661916102	Traffic Calming		350	-	-	-	-	-	-	-	350	350	-	-	-
City Wide	4661920001	ATMS – Advanced Traffic Management System		2,250	-	-	-	-	-	2,250	-	-	-	-	-	-
City Wide	4661920019	Traffic Controller Replacement Program		720	-	-	-	-	-	290	-	430	430	-	-	-
City Wide	4661920720	Plastic Pavement Marking Rehabilitation		200	-	-	-	200	-	-	-	-	-	-	-	-
City Wide	4661920930	Neighbourhood Speed Reduction Initiative		400	-	-	-	-	-	-	-	400	400	-	-	-
City Wide	4661920945	Fibre Optics Communication Cable		450	-	-	-	-	-	-	-	450	450	-	-	-
City Wide	4661920988	Signal Controller Wrapping Project		150	-	150	-	-	-	-	-	-	-	-	-	-
3	4661955942	Victoria Ave N - One-way to Two-way Traffic Conversion - Phase 2		450	-	-	-	-	-	-	-	450	45	-	405	-
City Wide	4661955946	Autonomous/Connected Vehicles		300	-	-	-	-	-	-	-	300	300	-	-	-
<u>Traffic Total:</u>				6,795	-	150	-	725	-	2,540	-	3,380	2,975	-	405	-
<u>Traffic - APS</u>																
7, 8, City Wide	4661920531	APS - Accessible Pedestrian Signals		150	-	-	-	-	-	150	-	-	-	-	-	-
<u>Traffic - APS Total:</u>				150	-	-	-	-	-	150	-	-	-	-	-	-
<u>Traffic - Growth</u>																
10	4661820821	New Traffic Signal - Drakes @ North Service Rd		270	-	-	257	-	-	-	-	13	13	-	-	-
15	4661920921	New Traffic Signal - Waterdown Rd/Mill St @ Mountain		250	-	250	-	-	-	-	-	-	-	-	-	-
9	4661920922	New Traffic Signal - Rymal Rd west of Walmart Access		100	-	100	-	-	-	-	-	-	-	-	-	-
11	4661920923	New Traffic Signal - RR 56 at Dalgliesh Rd		250	-	250	-	-	-	-	-	-	-	-	-	-
9	4661920925	Traffic Signal Modifications - First Rd at Mud St		150	-	150	-	-	-	-	-	-	-	-	-	-
9	4661920926	New Traffic Signal - Rymal at Canadian Tire Access		200	-	200	-	-	-	-	-	-	-	-	-	-
9	4661920927	New Traffic Signal - Rymal (opposite Celestial Crescent)		100	-	100	-	-	-	-	-	-	-	-	-	-
<u>Traffic - Growth Total:</u>				1,320	-	1,050	257	-	-	-	-	13	13	-	-	-
<u>Traffic - IPS</u>																
4	4661920525	IPS - Intersection Pedestrian Signal		100	-	-	-	-	-	100	-	-	-	-	-	-
<u>Traffic - IPS Total:</u>				100	-	-	-	-	-	100	-	-	-	-	-	-
<u>Traffic Signals</u>																
12	4031980940	New Traffic Signal - Garner @ Hwy 6		400	-	-	380	-	-	-	-	20	20	-	-	-
15	4031980941	New Traffic Signal - Dundas at Pamela/Riverwalk		230	-	-	220	-	-	-	-	10	10	-	-	-
15	4031980942	New Traffic Signal - Dundas at Mallard Trail/Springcreek		230	-	-	220	-	-	-	-	10	10	-	-	-
8, 9, 11	4661920008	New Traffic Signal Installation Program		850	-	-	-	-	-	735	-	115	115	-	-	-
City Wide	4661920010	Traffic Signal Modernization & Upgrades Program		800	-	-	-	-	-	800	-	-	-	-	-	-
City Wide	4661920017	Traffic Signal LED Lighting Upgrade Program		150	-	-	-	-	-	150	-	-	-	-	-	-
City Wide	4661920522	Traffic Engineering - Signal Design		200	-	-	-	-	-	115	-	85	85	-	-	-
City Wide	4661920540	Traffic Signal Modernization Coordinated with Construction		1,100	-	-	-	-	-	415	-	685	68	-	617	-
2	4661920924	New Traffic Signal - Hughson at Hunter		100	-	-	-	-	-	-	-	100	100	-	-	-
<u>Traffic Signals Total:</u>				4,060	-	-	820	-	-	2,215	-	1,025	408	-	617	-

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													Financing Sources			
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<u>Traffic Study/Master Plan</u>																
2	4031720722	North End Traffic Management Plan (NETMP) Study		50	-	-	-	50	-	-	-	-	-	-	-	-
City Wide	4031755820	Transportation Demand Management & Smart Commute		350	130	-	-	-	-	-	-	220	220	-	-	-
City Wide	4031955940	Transportation Tomorrow Survey		40	-	-	-	-	-	-	-	40	40	-	-	-
11	4031955944	Transportation EA - Hwy 56 - Rymal to Binbrook		150	-	-	-	-	-	-	-	150	150	-	-	-
<u>Traffic Study/Master Plan Total:</u>				590	130	-	-	50	-	-	-	410	410	-	-	-
<u>Transportation Systems</u>																
City Wide	4031911222	New Sidewalk Program		500	-	-	476	-	-	-	-	24	24	-	-	-
City Wide	4661817124	On Street Bike Facilities		300	-	-	-	-	-	200	-	100	100	-	-	-
<u>Transportation Systems Total:</u>				800	-	-	476	-	-	200	-	124	124	-	-	-
<u>Urban Rehabilitation Program</u>																
12	4031711015	Southcote - Calder to Garner		150	-	-	-	-	-	-	-	150	150	-	-	-
4, 5, 6, 9	4031811015	RHVP Rehabilitation		8,750	-	-	-	250	-	2,140	-	6,360	636	-	5,724	-
15	4031911023	Braeheid - Parkside to Riley		900	-	-	-	-	-	900	-	-	-	-	-	-
4	4031911024	Britannia & Cannon - Kenilworth to Strathearne / Garside / Cameron		930	-	-	-	-	-	-	-	930	93	-	837	-
10	4031911025	Dewitt - Highway 8 to Barton		900	-	-	-	-	-	900	-	-	-	-	-	-
5, 10	4031911026	North Service Rd - Centennial Pkwy to Drakes		900	-	-	-	-	-	-	-	900	90	-	810	-
1, 2	4031911029	York - Caroline to Dundurn & Cannon - James to York (LRT Enabling)		90	90	-	-	-	-	-	-	-	-	-	-	-
<u>Urban Rehabilitation Program Total:</u>				12,620	90	-	-	250	-	3,940	-	8,340	969	-	7,371	-
Roads Total:				96,692	720	1,200	18,120	1,075	-	18,462	900	56,215	19,139	-	29,576	7,500
Transit Services																
City Wide	5301583501	Transit Hybrid Bus Battery Replacement		240	-	-	-	240	-	-	-	-	-	-	-	-
City Wide	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities		740	543	-	-	-	-	-	-	197	-	197	-	-
City Wide	5301984901	Corridor Capacity		610	447	-	-	-	-	-	-	163	-	163	-	-
City Wide	5301985803	Terminal and End of Line Rehabilitation		75	-	-	-	-	-	-	-	75	75	-	-	-
City Wide	5301985804	Bus Stop Shelter Rehabilitation		125	-	-	-	-	-	-	-	125	125	-	-	-
City Wide	5301985901	Transit Terminal Development		3,190	2,339	-	-	-	-	-	-	851	-	851	-	-
City Wide	5301985902	Transit Shelter Expansion Program		150	-	-	-	150	-	-	-	-	-	-	-	-
City Wide	5301983002	Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement Program		3,700	-	-	-	-	-	-	-	3,700	700	-	3,000	-
City Wide	5301983100	HSR Bus Replacement Program		15,250	-	-	-	15,250	-	-	-	-	-	-	-	-
City Wide	5301983503	Nonrevenue Vehicle Replace Program		170	-	-	-	170	-	-	-	-	-	-	-	-
Transit Services Total:				24,250	3,329	-	-	15,810	-	-	-	5,111	900	1,211	3,000	-
Waste Management																
City Wide	5121655610	2020 Waste System Planning		200	-	-	-	-	-	-	-	200	200	-	-	-
City Wide	5121949003	CCF Lifecycle Replacement		500	-	-	-	-	-	-	-	500	500	-	-	-
2, 3	5121990901	Cigarette Butt Receptacle		50	-	-	-	-	-	-	-	50	50	-	-	-

City of Hamilton

Tax Capital Budget

2019 Capital Budget Project List

(000's)

													Financing Sources			
City Ward	Project Number	Project Description	DC Debt	Gross Costs	Grants And Subsidies	Other External Revenue	Dev Charges (Inc Debt)	Reserves	WIP Reserves	WIP Other / Other Internal	WIP Debt	Net Cost	From Operating	Debt	Federal Gas Tax	Other: Reserves Future Fund Dividends
City Wide	5121991000	Glanbrook Landfill Capital Improvement Program		418	-	-	-	-	-	-	-	418	418	-	-	-
City Wide	5121992000	Closed Landfill Maintenance & Capital Improvement Program		308	-	-	-	-	-	-	-	308	308	-	-	-
City Wide	5121955137	Waste Management R & D Program		125	-	-	-	-	-	-	-	125	125	-	-	-
City Wide	5121994920	Environmental Services Legislative Compliance Program		185	-	-	-	-	-	-	-	185	185	-	-	-
City Wide	5121594511	Transfer Station/CRC Expansion & Capital Replacement		150	-	-	27	-	-	-	-	123	123	-	-	-
City Wide	5121993000	Maintenance & Capital Improvements to the Resource Recovery Centre		278	-	-	43	-	-	-	-	235	235	-	-	-
City Wide	5121994000	Transfer Station/CRC Maintenance & Capital Improvement Program		268	-	-	-	-	-	-	-	268	268	-	-	-
1, 2, 3, 4, 5	5121951900	Waste Collection Equipment - Downtown/BIA		165	-	-	-	-	-	-	-	165	165	-	-	-
City Wide	5121990200	Diversion Container Replacement Program		880	-	-	39	-	-	-	-	841	841	-	-	-
City Wide	5121990700	Public Space & Special Event Containers		120	-	-	-	70	-	-	-	50	50	-	-	-
City Wide	5121990900	Cigarette Litter Prevention Program		65	-	-	-	65	-	-	-	-	-	-	-	-
Waste Management Total:				3,712	-	-	109	135	-	-	-	3,468	3,468	-	-	-
West Harbour & Waterfront Strategic Initiatives																
City Wide	4411806105	Police Marine Facility Temporary Relocation		300	-	-	-	-	-	-	-	300	300	-	-	-
2	4411506106	Marina Services & Gas Dock		500	-	-	-	-	-	-	-	500	500	-	-	-
2	4411506107	Pier 5-7 Marina Shoreline Rehab		810	-	-	-	-	-	-	-	810	810	-	-	-
2	4411606002	Real Estate Disposition Process		250	-	-	-	-	-	-	-	250	250	-	-	-
2	4411606102	Pier 5-7 Boardwalk		2,190	-	-	-	-	-	-	-	2,190	418	1,772	-	-
2	4411606105	Pier 8 Shorewall		3,400	-	-	-	-	-	-	-	3,400	3,400	-	-	-
2	4411806102	Macassa Bay Shoreline Improvements		300	-	-	-	-	-	-	-	300	300	-	-	-
2	4411806103	Macassa Bay Boardwalk and Trail		200	-	-	-	-	-	-	-	200	200	-	-	-
2	4411806104	West Harbour Public Art		260	-	-	-	-	-	-	-	260	260	-	-	-
West Harbour & Waterfront Strategic Initiatives Total:				8,210	-	-	-	-	-	-	-	8,210	6,438	1,772	-	-
Public Works Tax Funded Total:				177,476	6,132	1,300	26,087	29,640	-	21,136	900	92,281	49,222	2,983	32,576	7,500
Total All Projects:				227,120	6,132	1,390	32,405	41,283	-	21,471	992	123,447	70,538	3,833	32,576	16,500
* DC Debt							12,291									

**Discretionary Tax Supported Net Capital Funding
2019 - 2028 Forecast**

Assumptions:

0.5% (\$4.2 M) + Debt Levy Increase for Capital 2019 - 2028

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

Appendix "B" to Item 6 of GIC Report 18-021

Page 1 of 1

Sources of Funding (Net) (\$000's)	2019 Proposed	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	Totals 2019-2028
Sustainable											
Contribution from Operating	70,945	75,355	79,908	86,059	92,985	98,798	104,797	110,913	115,199	117,083	952,042
Hydro Dividends	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	20,000
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	4,000	4,000	4,000								12,000
Federal Gas Tax	32,576	32,576	34,057	34,057	35,537	35,537	35,537	35,537	35,537	35,537	346,488
Previous Yrs. Capital Financing Surplus	5,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	23,000
Sub-total	117,521	118,931	124,965	127,116	135,522	141,335	147,334	153,450	157,736	159,620	1,383,530
Non-Sustainable											
Unallocated / Other Capital Reserve	2,500	2,500									5,000
HRPI Dividend	-	-	-	-	-	-	-	-	-	-	-
WIP Funding Interest	-	-	-	-	-	-	-	-	-	-	-
Sale of Assets	-										
Roads WIP / Tender Surplus Funding	-										-
Sub-total	2,500	2,500	-	-	-	-	-	-	-	-	5,000
External Debt	3,833	33,642	46,156	43,813	5,235	-	34,960	30,000	34,600	37,000	269,239
Total Funding (Net)	123,854	155,073	171,121	170,929	140,757	141,335	182,294	183,450	192,336	196,620	1,657,769
Net Capital Funding (\$000's)	2019 Proposed	2020 Forecast	2021 Forecast	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	Totals 2019-2028
Roads / Bridges / Sidewalk / Street											
Lights / Traffic	56,215	58,464	60,883	63,319	65,852	68,486	71,226	74,075	77,038	80,119	675,678
Corporate Facilities	4,860	4,583	4,583	4,583	4,583	4,583	4,583	4,583	4,583	4,584	46,108
Recreation Facilities	4,616	4,580	4,580	4,580	4,580	4,580	4,580	4,580	5,100	5,100	46,876
Entertainment Facilities	800	800	800	800	800	800	800	800	800	800	8,000
Park Development (New/Expansion)	3,398	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	3,241	32,567
Park's Operations	1,658	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	11,900
Forestry & Horticulture	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	13,450
Waste Management	3,468	7,495	12,025	24,085	2,879	3,694	3,180	100,517	102,087	59,245	318,675
Downtowns & Commercial Districts	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	2,210	22,100
Cultural Facilities	1,702	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	5,000
Housing Services	7,500	7,500	7,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	47,000
Block Funding Total	88,272	93,558	100,507	111,003	92,330	95,779	98,005	198,191	203,244	163,484	1,244,374
Major Capital Initiatives											
West Harbour Development	8,210	15,850	15,020	3,790	5,235	-	22,460	-	-	-	70,565
Ash Borer	2,600	2,600	2,600	2,600	-	-	-	-	-	-	10,400
Randle Reef	375	375	375	-	-	-	-	-	-	-	1,125
Fire / Paramedic Services	982	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	9,982
Health and Safe Communities - Other Div	318	160	160	160	160	160	160	160	160	160	1,758
Corporate Services	286	90	90	90	90	90	90	90	90	90	1,096
City Manager/Human Resources	1,375	-	-	-	-	-	-	-	-	-	1,375
Information Technology	1,815	500	500	500	500	500	500	500	500	500	6,315
Planning / Development	633	130	130	130	130	130	130	130	130	130	1,803
Economic Development Initiatives	765	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	18,765
Parkland Acquisition	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,000
Transit	5,111	22,158	38,646	36,743	15,051	9,970	10,770	10,770	10,770	10,770	170,759
DC exemptions	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	65,000
Boards & Agencies											
City/Housing Hamilton	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	20,000
Library	720	1,100	-	2,950	-	2,900	450	-	4,600	7,000	19,720
Police Services	1,485	1,330	-	-	-	-	12,500	-	-	-	15,315
Subtotal - Boards & Agencies	4,705	4,930	2,500	5,450	2,500	5,400	15,450	2,500	7,100	9,500	60,035
Transfer to Reserve	407										407
Unallocated - Surplus(Shortfall)		3,722	(407)	(537)	13,761	18,306	23,730	(39,891)	(40,658)	986	(20,989)
Total Expenditures (Net)	123,854	155,073	171,121	170,929	140,757	141,335	182,294	183,450	192,336	196,620	1,657,769

**2019 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2019
Funding**

RESERVE FUNDING

Stabilization Reserves

110046	Tax Stabilization Reserve	
4451853701	Gypsy Moth Monitoring and Management	550
Total Stabilization Reserves		550

VEHICLE & EQUIPMENT REPLACEMENT RESERVES

100031	Fire Equip And Protective Gear	
7401951600	Annual Fire Equipment Replacement	1,268
100033	Paramedic Services-Equipment Reserves	
7641951101	Annual Paramedic Service Equipment Replacement	265
100034	Small Equipment Environmental Services	
4401951700	Small Equipment Replacement (Reserve) Program	80
110005	Hamilton Beach Rescue	
2861951700	HBRU Renovations & Equipment Purchases	70
110021	Vehicle Replacement Fire	
7401951601	Annual Fire Vehicle Replacement	5,405
110022	Vehicle Replacement Paramedics	
7641951100	Annual Paramedic Service Vehicle Replacement	1,269
110025	Vehicle Replace Central Garage	
4941951100	Fleet Vehicle&Equipment Replace Program	9,230
4941951004	Street Sweeper Purchase	730
4941951001	Shop Equipment Replacement	165
		10,125
110015	Computer Replacement Program	
3505719910	Messaging (Email) Platform Migration	596
108020	Unallocated Capital Levy	
3501957903	IT Strategy - Strategic Theme Mobility	25
110030	Vehicle Replacement Transit	
5301983503	Nonrevenue Vehicle Replace Program	170
5301983100	HSR Bus Replacement Program	15,250
5301583501	Transit Hybrid Bus Battery Replacement	240
		15,660
110040	Equipment Replace-Operations	
4031951410	Roads - Small Equipment Replacement	50
Total Vehicle & Equipment Reserves		34,813

**2019 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2019
Funding**

CAPITAL RESERVE TAX SUPPORTED

Capital Reserves

Councillors' Infrastructure Program

108052	Ward 2-Capital Infrastructure	
3721949901	Summer's Lane Structural Rehab & Pedestrianization	250
108053	Ward 3-Capital Infrastructure	
4241809305	Pedestrian Crossing - Victoria Ave N at Copeland	75
108054	Ward 4-Capital Infrastructure	
4031955946	Kenilworth - Barton to Main - Detailed Design	150

Former Municipalities Capital Reserves

108034	Capital Projects- Stoney Creek	
7101741707	Battlefield Barn Restoration	500
<i>Total Capital Reserves</i>		<u>975</u>

PROGRAM SPECIFIC RESERVES

HEALTHY AND SAFE COMMUNITIES

110042	Lodges' Infrastructure Reserve	
6301951002	ML & WL - Annual Resident Care Equipment Replacement	80
6301941006	WL - Servery Retrofit (Cabinet and Counter Replacement)	30
6301841001	ML - Roof Replacement	253
6301941001	WL - Main Entrance Redesign	50
6301951005	ML - Rooftop Unit (HVAC) Replacement	80
6301941003	WL - Radiant Heating Panel/Thermostat Controls	25
6301841801	WL - 1989 Wing Roof Replacement	332
6301941002	WL - Dish Room/Physio & Salon Exhaust & Supply	25
		<u>875</u>
108038	Four Pad Arena Capital Reserve	
7101954904	Mohawk Quad Pad Arena Roof Investigation	250
<i>Total Healthy and Safe Communities</i>		<u>1,125</u>

**2019 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

**2019
Funding**

PLANNING & DEVELOPMENT

112221 Economic Development Investment Fund

108021 Parking Capital Reserve

4901955900	Parking Master Plan Consultant	65
3721949902	Expansion Joint Replacement Commonwealth Square	83
4901957901	Pay-on-Foot System Replacement - York Blvd Parkade and Convention Centre	550
4501941900	Parking Control Squad Room	30
4901957900	Online Parking Permitting Module	100
4901445100	Parking Lots - Surface Repairs	100
4901945900	Waterproofing Membrane Replacement - Convention Centre Parking Garage	50
4901751700	Parking Payment Equipment	100
		<hr/>
		1,078

108049 Downtown Public Art

3721949901	Summer's Lane Structural Rehab & Pedestrianization	100
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Total Planning and Development

1,178

LIBRARY

106007 Library General Development

7501741610	New Library - Greenville	95
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106008 Library Major Capital Projects

7501741601	Valley Park Library Expansion	220
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Total Library

315

PUBLIC WORKS

112202 Leash Free Park Reserve

4401956001	Leash free Dog Park Program	80
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104105 Cemetery Bldg. Fund - Niches

4401949007	Cemetery Columbarium	70
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**2019 Tax Supported Capital Budget
Reserve Funding by Reserve & Project
(\$000's)**

		2019 Funding
Public Works Continued		
108046	RCMP Lease-Capital Replacement	
3541941910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210
112203	Red Light Camera Project	
4031720722	North End Traffic Management Plan (NETMP) Study	50
4031811015	RHVP Rehabilitation	250
4661720721	Pedestrian Crossovers	300
4661920720	Plastic Pavement Marking Rehabilitation	200
		800
112272	Energy Conservation Initiative Reserve	
7901941900	Traffic Operations Centre - LED lighting Upgrade	60
7901941902	Lister Block - LED Lighting Upgrade	125
6301841802	ML - D Wing- Refurbishment	60
7901949000	Solar Wall - Norman Pinky Lewis Recreation Centre	117
7901941901	Wentworth Operations Centre - LED Lighting Systems Upgrade (Interior)	30
		392
108010	Storm Sewer Capital Reserve	
4401955901	Memorial Park Storm Water Management Study	90
112224	Waterpark Operations Reserve	
4401951903	Confederation Beach Park - Capital Maintenance Program	175
112201	General Park, Marina and Waterfront Reserve	
4401952600	Playground Lifecycle Replacement Program	200
4401952100	CSA Safety Material Replacement Program	25
		225
Total Public Works		2,042
Total Program Specific Reserves		4,660
<u>OBLIGATORY RESERVES</u>		
Planning & Development		
104051	Main Street Revitalization Reserve	
5121990900	Cigarette Litter Prevention Program	65
5121990700	Public Space & Special Event Containers	70
		135
Gas Tax		
112204	Transit Gas Tax Reserve	
5301985902	Transit Shelter Expansion Program	150
Total Obligatory Reserves		285
Total 2019 Capital Funding From Reserves		41,283

2019 Tax Capital Budget WIP Funding

<u>From</u>	<u>To</u>		<u>\$000's</u>
<u>Corporate Facilities</u>			
3541841010 - Facility Upgrades Libraries	3541741603	Central Library Window Replacement	80
3541841409 - Facilities Code & Compliance	3541741603	Central Library Window Replacement	420
			<hr/>
			500
<u>Entertainment Facilities</u>			
3721741600- Commonwealth Sq&Summers Lane	3721949901	Summer's Lane Structural Rehab & Pedestrianization	573
4031611602 - CP Minor Maintenance Ward 2	3721949901	Summer's Lane Structural Rehab & Pedestrianization	250
4901841802 - Summers Lane Reconstruction	3721949901	Summer's Lane Structural Rehab & Pedestrianization	500
8201703706 - Annual Com Downtowns & BIA	3721949901	Summer's Lane Structural Rehab & Pedestrianization	100
			<hr/>
			1,423
<u>Healthy and Safe Communities- Other Divisions</u>			
6771241201 - Accommodations - Health Campus	2051255204	Neighbourhood Strategy	235
			<hr/>
			235
<u>Licensing & By-Law Services</u>			
4661720531 - APS - Accessible PED Signals	4501957900	Handheld Ticketing Device-System Integration	100
			<hr/>
			100
<u>Open Space Development</u>			
4401856815 Caterini Park (Binbrook)	4401556503	Heritage Green Community Sports Park Implementation	133
7101758002 - Alexander Park Splashpad	4401956922	Alexander Park Skate Park	118
			<hr/>
			251
<u>Recreation Facilities</u>			
7101854605 - Sackville Hill Expansion	7101954905	Sackville Hill Senior Expansion & Lifecycle Renewal	500
			<hr/>
			500
<u>Roads</u>			
4031611015 - Annual Resurfacing 2016	4031811015	RHVP Rehabilitation	130
4031611015 - Annual Resurfacing 2016	4031811015	RHVP Rehabilitation	420
4031619102 - Britannia - Oriole to Adair	4031811015	RHVP Rehabilitation	90
4031711015 - Annual Resurfacing 2017	4031811015	RHVP Rehabilitation	1,500

2019 Tax Capital Budget WIP Funding

<u>From</u>	<u>To</u>		<u>2019</u>
<u>Roads</u>			
4031611610 - CP Minor Maintenance Ward 10	4031819104	Hewitson – Dupont to Barton and Dupont	460
4031811801 - NBHD RD Priorities W1	4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)	900
4241809101 - Ward 1 Road Repair & Rehab	4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)	1,617
4031811815 - NBHD RD Priorities W15	4031911023	Braeheid - Parkside to Riley	900
4031811810 - NBHD RD Priorities W10	4031911025	Dewitt - Highway 8 to Barton	900
4031611602 - CP Minor Maintenance Ward 2	4241709201	Area Rating - Ferguson - Simcoe to Burlington	1,100
4661617725 - Claremont Access Bike Lanes	4661817124	On Street Bike Facilities	200
4041420017 - Traffic Signal LED Upgrades	4661920001	ATMS – Advanced Traffic Management System	120
4661620017 - Traffic Signal LED Upgrade	4661920001	ATMS – Advanced Traffic Management System	175
4661620550 - Hwy 6 Signal - Conc 5 & Hwy 6	4661920001	ATMS – Advanced Traffic Management System	1,260
4661720017 - Traffic Signal LED Upgrade	4661920001	ATMS – Advanced Traffic Management System	95
4661720525 - IPS - Intersection PED Signal	4661920001	ATMS – Advanced Traffic Management System	70
4661620008 - New Traffic Signal Installation	4661920001	ATMS – Advanced Traffic Management System	530
4661720008 - New Traffic Signal Installation	4661920008	New Traffic Signal Installation Program	45
4661720723 - Wentworth Trail - IPS	4661920008	New Traffic Signal Installation Program	90
4661620008 - New Traffic Signal Installation	4661920008	New Traffic Signal Installation Program	600
4031555215 - Highway 403 Ramp Studies	4661920010	Traffic Signal Modernization & Upgrades Program	560
4661620550 - Hwy 6 Signal - Conc 5 & Hwy 6	4661920010	Traffic Signal Modernization & Upgrades Program	240
4661620017 - Traffic Signal LED Upgrade	4661920017	Traffic Signal LED Lighting Upgrade Program	150
4031555215 - Highway 403 Ramp Studies	4661920019	Traffic Controller Replacement Program	290
4661720522 - Traffic Eng - Signal Design	4661920522	Traffic Engineering - Signal Design	115
4041520525 - IPS - Intersection PED Signal	4661920525	IPS - Intersection Pedestrian Signal	100
4661620525 - IPS - Intersection PED Signal	4661920531	APS - Accessible Pedestrian Signals	150
4041520540 - Traffic Signal Mod with Roads	4661920540	Traffic Signal Modernization Coordinated with Construction	415
			13,222
			16,231