



2016 Tax Supported Preliminary Capital Budget



Book 1

2016-2025
Capital Budget
Summary Reports
FCS15088



Hamilton

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1.0 EXECUTIVE SUMMARY

Capital Planning 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. The current economic outlook from the Hamilton Chamber of Commerce and the Credit Unions of Ontario states that Hamilton over the next few years will outpace the provincial average in terms of employment gains and expand at a faster pace than communities in its broader region. Tempering this renaissance are the rising costs of rehabilitation of existing assets which coupled with chronic underfunding, effects 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.

2016 Tax Supported Capital Budget Funding Options – Additional 0.5% Property Tax Increase

The 2016 City of Hamilton Capital Budget presented within this report incorporates a 0.5 percent Property Tax increase which equates to \$3.9 million increase for the Capital Levy (\$16 annual property tax increase per average value residential property). At the City of Hamilton 2016 Tax Supported Capital Budget Workshop on October 16, 2015, Committee members requested an additional funding option. Specifically, which priority infrastructure would be funded if an additional 0.5 percent Property Tax increase (\$3.9 million for a total of \$7.8 million) dedicated to the Capital levy was to be considered. Staff identified the following critical infrastructure and their proportional 2016 discretionary funding percentage compared to their proportional replacement value within the total City Asset Inventory;

- Roads, Bridges and Sidewalks (53% of discretionary funding envelope (d.f.e.))(28.5% of total assets)
- Corporate and Recreation Facilities (9.4% of d.f.e.)(6.5% of total assets)
- Social Housing (2.9% d.f.e.) (8.8% of total assets)

The additional 0.5 percent property tax increase (\$3.9 million) could be allocated to the above noted program areas based on their critical need status.

The City of Hamilton's 10-year Tax Supported Capital Program (2016 -2025) focuses on the following strategic objectives;

1. Targeting capital investments in rehabilitation programs including roads, social housing, corporate and recreation facilities, long-term care assets.
2. Investment in strategic growth capital projects such as the West Harbour and Waterfront Strategic Initiatives, Downtown Revitalization, Parkland acquisition.
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 (\$3.9M for 2016) or \$16 per typical household.
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.
5. 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 will have 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 either delayed or no longer required.
 - Council approved re-appropriations.
 - 3-year Capital Closing Policies.

Tax Supported Capital Program (2016 – 2025) Objectives

- 1. Targeting capital investments in rehabilitation programs including roads, affordable housing, corporate and recreation facilities, long-term care assets, 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 million 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 \$25M in savings, capital funding imbedded in operating budgets (reserve

provisions) were eliminated/reduced. As a result the City's Capital Levy as a percentage of the total Levy (11.9%) is below comparator municipalities (15% - 20%).

- Reduced 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, Transportation Corridors (i.e. Waterdown By-Pass).

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. Limiting Property Tax increases to the Capital Levy at an annual rate of 0.5% of the total Property Tax Levy increase (2016 = \$3.9M) or \$16 per typical household.

In 2015, the City of Hamilton levied \$797 million in property taxes. Included in this amount was \$94.5 million for Capital (known as the Capital Levy). Staff are recommending to Council a minimum 0.5 % of the tax increase for 2016 be dedicated to the Capital Levy. This would increase the Capital Levy by \$3.9 million to \$98.4 million.

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 2016-2025 ten-year financing plan, tax supported budgeted external debt levels peak in 2016 at \$355 million (down from the \$373 million forecasted in 2015). Total City Debt after adding in Rate Supported debt peaks at \$918 million in 2019. This is the debt level which most concerns credit rating agencies. As one of its objectives, staff will hold the line on increasing the City's external debt past the current debt peak forecast.

5. 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 will have staff submit the Status of the Capital Work-in-Progress projects to the Capital Projects Works-in-Progress Sub-Committee.
- Re-appropriations (per Council's direction)

- 3-year capital project closing policies

The proposed 2016 Tax Supported Capital Budget funds \$216.7 million in Capital Projects. Included in this amount are several new initiatives which are aligned to Council's Strategic priorities.

The Table below highlights the 2016 Tax Supported Capital Budget.

Highlights	
Expenditures	
<ul style="list-style-type: none"> • \$216.7 M in gross capital spending including: <ul style="list-style-type: none"> • \$75 M on Roads maintenance • \$15.9 M on Roads growth • \$18.2 M on Transit • \$9 M for Provincial Offences Courts and Admin Offices • \$21.9 M in Corporate and recreation facilities rehabilitation • \$7.5 M for West Harbour Strategic Initiatives • \$2.3 M for CityHousing Hamilton • \$1.5 M for Housing Services • \$2.1 M for Long Term Care Facilities • \$2.2 M for Downtown • \$2.0 M for Hamilton Conservation Authority • \$9.2 M for Vehicle Replacement • \$2.5 M for Tourism and Culture 	
Revenues	
<ul style="list-style-type: none"> • \$32 M in development charge funding • \$73.0 M in reserves and other internal funding • \$8.4 M in new external debt funding 	

The City's long-term Capital fiscal strategy for 0.5% of property tax increase to be dedicated to the Capital Levy has reversed the trend and has decelerated the rate of annual deterioration of City Infrastructure and caps it at approximately \$195 million, net of construction cost inflation.

During 2015, the City received a commitment of \$1.78 million in grants from the Federal Economic Development Agency of Southern Ontario (FedDev Ontario) under the Canada 150 Community Infrastructure Program. The projects for which the grants were approved have been incorporated into the 2016 Tax Supported Capital Budget and Financing Plan.

Table 1 provides a list of projects with funding from Canada 150 grants and the funding source for the City's share.

Table 1

Projects with Canada 150 Infrastructure Funding		Funding			
(\$000's)		Gross	Canada 150	Area Rating	Capital
Proj. ID	Project	Cost	Grant	Reserves	Levy
7201641602	Rehabilitation of St. Marks Church	960	280	400	280
7201658604	Expansion of Griffin House National Historic Site	205	68	-	137
7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	550	183	-	367
7101654611	Mt. Hope & Binbrook Hall Renovations & Accessibility Upgrade:	1,030	541	-	489
7101654613	Westoby (Olympic) Arena Roof Replacement	550	250	-	300
7101641601	Ancaster Aquatic Centre Refurbishment	458	458	-	-
	Total	3,753	1,780	400	1,573

Note: Additional gross costs may be included in future years

In June 2011, the Province of Ontario released *Building Together*, its long-term infrastructure plan with a strategic framework to guide future investments. This plan sets out the government's commitment to making investments in public infrastructure which:

- support economic growth and competitiveness;
- align public services with demographic changes; and
- ensure good stewardship of public assets.

However, 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.

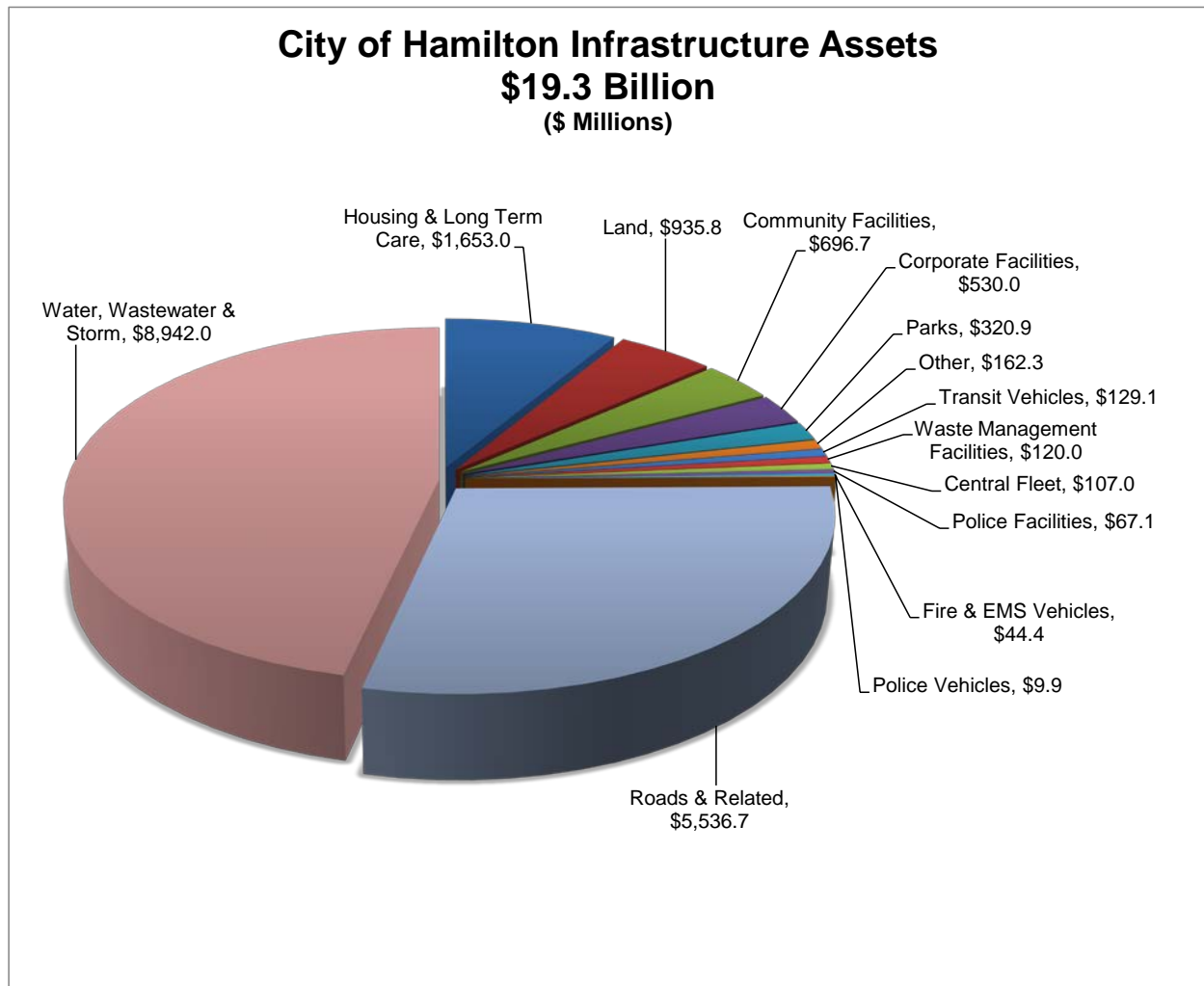
To aid municipalities in identifying and prioritizing infrastructure investment, the Ministry of Infrastructure has developed the *Municipal Infrastructure Strategy*, which intends to aid municipalities in strengthening asset management practices across the Province. Within the Strategy is a requirement that municipalities seeking provincial capital funding will now be required to submit a detailed Asset Management Plan (AMP) for future consideration. The City currently has an AMP for the following assets: roads, bridges, water and waste water systems, and social housing.

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 2016 – 2025 Capital Forecast which incorporates an annual 0.5% tax increase for the Capital Levy (\$3.9 million). Over a 10-year period, this plan would add \$215 million more in capital funding. 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 and interest repayments crowd out capital funding capacity.

Tax Supported Capital Budget Background

The City of Hamilton owns hard assets with a total replacement value of approximately \$19.3 billion. Forty-seven percent (47%) of the value of these assets represents water, wastewater and storm-water, which is principally funded from the Rate Supported Budget. The other fifty-three percent (53%) of the value 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 \$19.3 billion infrastructure assets is presented below.



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 while keeping its AA Stable credit rating intact.
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 2016 Tax Supported Capital Budget and 2017 - 2025 Capital Forecast. The 2016 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 5 years, the WIP completion rate for the Tax Supported WIP's has improved from 77% to 82%. For the 2016 Tax Supported Capital Budget, staff reviewed all WIPs and re-allocated \$8.7 million for strategic priorities as illustrated in Table 2.

Table 2

2016 Reallocation of W.I.P. Funding By Program (\$000's)	
Fleet Services	250
Waste Management	965
Open Space Development	2,645
Recreation Facilities	2,302
Corporate Facilities	1,009
Roads	1,485
Total	8,656

2.0 2016 TAX SUPPORTED CAPITAL BUDGET STRATEGIC INVESTMENTS

A. Road/Bridge Rehabilitation Program:

One of the most significant infrastructure deficits for the City resides in the roads program. The program's service level includes a rehabilitation and replacement backlog of approximately \$2.0 billion. Annually, the City should be investing approximately \$180 million on road and bridge capital improvement. In 2016, the City is spending approximately \$75 million gross on the roads capital program (\$90.9M less \$15.9M growth) while the levy impact on this program is \$55 million as illustrated in Table 3.

Table 3

2016 Roads Forecast by Program Area	(\$000's)	
	Gross	Net
Development/Growth Related Program	15,880	1,553
Replacement Program	15,500	4,214
Urban Rehabilitation	7,700	4,835
Rural Rehabilitation	2,200	2,200
Bridges and Structures	8,074	8,074
O & M/Studies/Traffic Engineering	23,440	16,124
Council Priority Projects	18,125	17,995
Total	90,919	54,995

B. West-Harbour Waterfront Strategic Initiatives:

The development of the West Harbour Piers 5 – 8 has been identified and approved by Council as a strategic priority. This project is included in the City's 10-year Capital Forecast and the annual levy impact has been partially funded through debt. Development of this area is forecast to provide much needed assessment growth for the Piers 5 – 8 vacant land but will also provide a substantial positive image change and an economic uplift for the whole adjacent urban area as experienced in other similar waterfront settings.

Table 4 is a financial summary of the budget to date as well as proposed Capital required for the years 2016 – 2018 in order to make Piers 5 – 8 development ready.

The following should be noted:

1. Other Ontario cities, such as Toronto, Burlington and Oakville, have received significant amounts of subsidies from senior levels of government for their waterfront lands development. The City of Hamilton has not received any commitments from senior levels of government.

2. In order to grow its assessment and economic base, the City must divert funds required for existing asset repair or issue additional debt in order to fund this important economic driver. This project is included in the City's 10-year Capital Forecast and the annual levy impact has been funded through debt. Once completed, this project is projected to yield \$7 million in new annual property tax revenue directly. In addition, it is anticipated that surrounding developments would add to this total as has happened in other waterfront developments.
3. In order to make the subject lands (Piers 5 – 8) development ready, the City needs to spend an additional proposed \$39 million in gross costs for the period of 2016 to 2018 to make these lands development ready.

Table 4

West Harbour Waterfront Strategic Initiatives (\$000's)		
Capital Forecast		
	Gross	Net
Approved 2012 - 2015	\$ 21,245	\$ 10,014
Subtotal	\$ 21,245	\$ 10,014
Proposed 2016	\$ 7,475	\$ 7,475
Proposed 2017	\$ 27,235	\$ 27,235
Proposed 2018	\$ 23,100	\$ 18,950
Subtotal	\$ 57,810	\$ 53,660
Total	\$ 79,055	\$ 63,674

C. Relocation of Provincial Offences Act (POA) Offices:

In February 2013, Public Works Department Facilities staff was directed by City Council to: 1) Explore the feasibility of part-time, temporary locations for the Provincial Offences Administration Court House; and 2) examine locations for long-term use by the Provincial Offences Administration (POA) offices, prior to the expiration of the current lease in the John Sopinka Court House (JSCH) in 2017.

Staff have incorporated into the 2014-2017 Capital Forecast the most cost effective option from the City's consultant MHPM (refer to MHPM report dated September 12, 2013) in regards to providing space for the City's POA Program area. For the 2016 Capital Budget, staff has incorporated an additional \$9 million for the construction rehabilitation to refurbish the City owned building at 50 Main St. East in Hamilton.

3.0 2016 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 Management Team has at a minimum endorsed a 0.5% Capital Levy tax increase (\$3.9 million). 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 5) is at 11.9% (2015). 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 million per year.

As per Table 5, in 2015, \$94.6 million (11.9 % of the City's \$798 million tax levy) was used for capital purposes. For 2016, staff recommend a \$98.4 million capital levy consisting of \$49.6 million in budgeted debt charges and a \$48.7 million transfer from operating to capital (direct dollar funding). This represents a Capital Levy increase of 4.1% (\$3.9 million) over the previous year.

Table 5

Tax Levy Impact Summary (\$ Millions)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Tax Levy	495.5	527.4	555.3	574.4	601.6	630.1	649.1	673.0	692.4	705.1	727.3	748.3	797.6
Capital Levy	66.3	69.3	71.4	73.5	75.0	77.5	77.5	80.4	83.4	86.7	90.2	90.2	94.6
Capital Levy % of Total Levy	13.4%	13.1%	12.9%	12.8%	12.5%	12.3%	11.9%	11.9%	12.0%	12.3%	12.4%	12.1%	11.9%

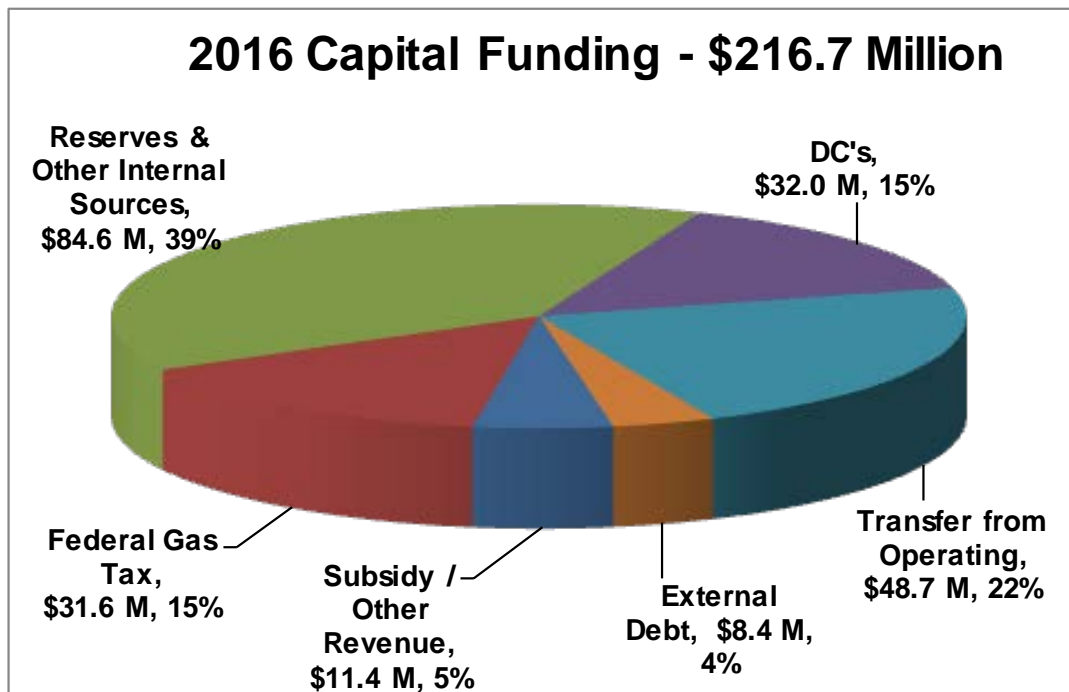
Table 6 illustrates the Tax Levy Impact of a 0.5% total annual levy increase dedicated to the Capital Levy and the components of the proposed Tax Supported Capital levy (debt charges and direct dollar for dollar capital funding as a transfer from operating budget).

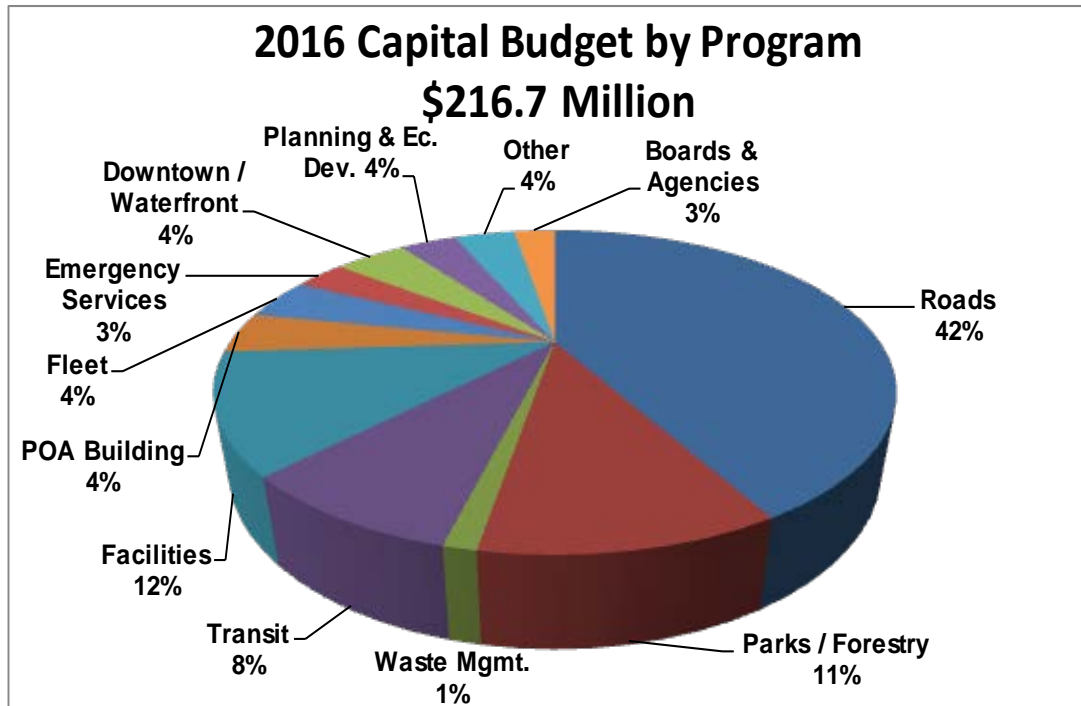
Table 6

CAPITAL BUDGET IMPACT ON OPERATING BUDGET				
(\$000's)	2015 <u>APPROVED</u>	0.5% Levy Increase		
		2016 <u>PROPOSED</u>	<u>CHANGE</u>	
			\$	%
Debt Charges	48,555	49,639	1,084	2.2%
Transfer from Operating	45,916	48,732	2,816	6.1%
Total Impact	94,471	98,371	3,900	4.1%

Impact on Average Residential Property Tax 0.5% (\$16)

The following two pie charts illustrate the 2016 Capital funding sources and the corresponding recommended allocation across programs.





4.0 2016 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 2016 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 2015 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 2016 PROPOSED TAX SUPPORTED CAPITAL BUDGET

The following Table 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 0.5% tax increase (\$3.9 million) dedicated to the Capital Levy.

Table 7

2016 PROPOSED TAX SUPPORTED CAPITAL BUDGET (\$000's)				
	2015 APPROVED		2016 PROPOSED	
	GROSS	NET	GROSS	NET
<u>Proposed Program Funding</u>	\$	\$	\$	\$
Recreation Facilities	8,843	5,165	14,678	5,100
Corporate Facilities	5,480	4,480	7,202	4,583
Entertainment Facilities	0	0	1,000	800
Forestry & Horticulture (Includes Tree Planting)	2,945	1,345	2,782	1,345
Open Space Development	7,764	3,183	14,750	3,327
Waste Management	7,013	6,066	2,635	1,420
Transit Services	24,028	3,700	18,234	3,700
Corporate Fleet Services	6,805	0	9,181	0
Parks & Cemeteries	1,708	1,138	1,592	1,265
Roads	98,829	50,680	90,919	54,995
West Harbour & Waterfront Initiatives	11,005	5,691	7,475	7,475
Public Health	92	92	92	92
Community Services	0	0	90	90
Housing Services	500	500	1,500	1,500
Long-Term Care Facilities	1,950	1,450	2,090	1,590
Emergency Services	5,271	765	6,680	508
Corporate Services / City Manager	2,635	2,030	3,015	2,865
Area Rating (Ward 1-8)	1,900	0	1,241	0
Planning & Development	5,725	524	7,744	1,089
Tourism & Culture	1,732	1,732	2,450	1,702
Public Art Program	171	171	0	0
Urban Renewal	1,810	1,810	2,210	2,210
Total Program Funding	196,206	90,522	197,560	95,656
<u>Other Major Projects</u>				
Parkland Acquisition	1,500	1,500	1,500	1,500
Pan Am Games	2,797	2,797	0	0
Provincial Offences Administration Building	20,380	0	9,000	0
McMaster Health Campus Proposal - City's Contribution	1,000	0	0	0
Randle Reef	300	300	300	300
Emerald Ash Borer Program	1,600	1,600	2,600	2,600
Stadium Precinct	16,300	0	0	0
Total Other Major Projects	43,877	6,197	13,400	4,400
Total Before Special Levies and Boards	240,083	96,719	210,960	100,056
<u>Special Levies & Boards</u>				
CityHousing	571	571	2,300	1,500
Police Services	15,000	900	0	0
Hamilton Public Library	3,800	1,575	1,365	0
Beach Rescue	77	0	60	0
Hamilton Conservation Authority	2,000	2,000	2,000	2,000
Total Special Levies & Boards	21,448	5,046	5,725	3,500
Total Funded Projects	261,531	101,765	216,685	103,556

6.0 2016 – 2025 TAX SUPPORTED CAPITAL FORECAST ASSUMPTIONS / HIGHLIGHTS

1. Budgeted debt financing. For the 2016-2025 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 – W.I.P.'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 at \$31.6 million for 2016.
3. Hamilton Utilities Corporation Capital Funding Dividend. Based on the Hamilton Utilities Corporation Dividend Policy staff incorporated \$3 million in dividends to fund the Capital Program in 2016 and \$2 million in each subsequent year thereafter.

Table 8 provides a 5-year discretionary capital forecast for 2016 – 2020 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 \$45.1M in 2015 to \$48.7M in 2016.
- b) 2016 Capital financing surplus stems from calendar year 2014 and is due to approved but unissued debt.

Discretionary funds may be directed by Council to any purpose it deems necessary. Table 8 assumes an annual 0.5% tax increase (\$3.9M) dedicated to Capital financing annually.

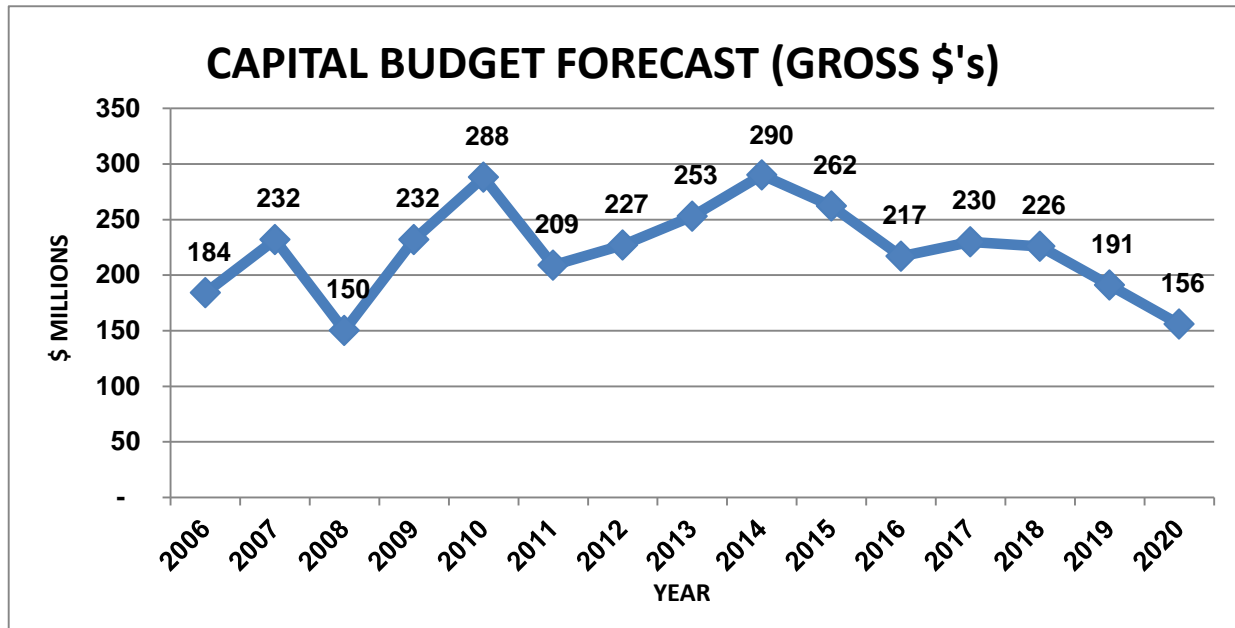
Table 8

Discretionary Tax Supported Net Capital Funding Forecast 2016 - 2020 (\$000's)						
0.5% (\$3.9 M) Levy Increase for Capital Annually 2016 - 2020			5.0% Cost of Borrowing on External Debt			
Sources of Funding (Net) (\$000's)	2015 Approved	2016 Proposed	2017 Forecast	2018 Forecast	2019 Forecast	2020 Forecast
Contribution from Operating	45,062	48,732	50,307	62,104	63,526	70,639
External Debt	14,191	8,420	36,202	17,240	38,210	-
Hydro Dividends (\$2M)	2,000	3,000	2,000	2,000	2,000	2,000
Federal Gas Tax	30,938	31,616	31,616	33,122	33,122	33,122
Previous Yrs. Capital Financing Surplus	7,000	5,500	2,000	2,000	2,000	2,000
Unallocated Capital Reserve	1,824	1,138	1,950	-	-	-
HRPI Dividend	250	250	250	250	250	250
WIP Funding Interest	500	500	500	500	-	-
Roads Tender Surplus		1,900				
WIP Funding (FGT)		2,500				
Total Funding (Net)	101,765	103,556	124,825	117,216	139,108	108,011
Net Capital Funding (\$000's)	2015 Approved	2016 Proposed	2017 Forecast	2018 Forecast	2019 Forecast	2020 Forecast
Roads	50,680	54,995	48,500	48,500	48,500	48,500
Corporate Facilities	4,480	4,583	4,583	4,583	4,583	4,583
Recreation Facilities	5,165	5,100	5,100	5,100	5,100	5,100
Entertainment Facilities	-	800	800	800	800	800
Park Development (New/Expansion)	3,183	3,327	3,241	3,241	3,241	3,241
Park's Operations	1,138	1,265	1,138	1,138	1,138	1,138
Forestry	1,345	1,345	1,345	1,345	1,345	1,345
Waste Management	6,066	1,420	11,202	11,240	38,210	2,576
Hamilton Downtown	1,586	1,986	1,986	1,986	1,986	1,986
Suburban Downtowns (B.I.A.s)	224	224	224	224	224	224
Cultural Facilities	1,732	1,702	1,702	1,702	1,702	1,702
Long Term Care Facilities	1,450	1,590	500	500	500	500
Public Art	171	-	-	-	-	-
Housing Services	500	1,500	500	500	500	500
Block Funding Total	77,720	79,837	80,821	80,859	107,829	72,195
Major Capital Initiatives						
West Harbour Development	5,691	7,475	27,235	23,070	-	-
Ash Borer	1,600	2,600	2,600	2,600	2,600	2,600
Randle Reef	300	300	300	375	375	375
Fire / Paramedic Services	765	508	1,000	1,000	1,000	1,000
Community Services - Other	-	90	90	90	90	90
Public Health	92	92	70	70	70	70
Corporate Services	505	-	90	90	90	90
City Manager/Human Resources	100	200	-	-	-	-
Information Technology	425	665	500	500	500	500
Planning / Development	524	1,089	130	130	130	130
Economic Development Initiatives	-	-	2,000	2,000	2,000	2,000
Council Strategic Capital	-	-	-	2,000	2,000	2,000
Parkland Acquisition	1,500	1,500	1,500	1,500	1,500	1,500
Pan Am - Ivor Wynne Renovations	2,167	-	-	-	-	-
Pan Am Special Events & Programming	630	-	-	-	-	-
Transit	3,700	3,700	3,700	3,700	3,700	3,700
DC exemptions	1,000	2,000	3,000	4,000	5,000	6,000
Boards & Agencies						
CityHousing Hamilton	571	1,500	500	500	500	500
Hamilton Conservation Authority	2,000	2,000	2,000	2,000	2,000	2,000
Library	1,575	-	-	-	-	-
Police Services	900	-	-	-	-	-
Subtotal - Boards & Agencies	5,046	3,500	2,500	2,500	2,500	2,500
Unallocated - Surplus(Shortfall)	-	(0)	(711)	(7,268)	9,724	13,261
Total Expenditures (Net)	101,765	103,556	124,825	117,216	139,108	108,011

- A. The forecast information from Table 8 shows that with a 0.5% tax increase annually dedicated to the capital levy (which equates to a 4.1% annual capital levy increase), increases the City's forecast discretionary funding envelope increases from 2015 levels. The City's Capital Program to deal with the increasing infrastructure deficit will not get back on track without additional funding from the senior levels of government. However, the Provincial government is now running a significant budget deficit and is facing an era of restraint. Many of the City's Capital program areas will remain acutely underfunded.
- B. Listed below are significant City-wide future capital projects which have not been accounted for in whole or in part with regards to the financing plans contained within this document. They include the following;
- Transit Services \$2.4M
 - Transit 10 year Strategy
 - Housing Services \$11.7M. Includes (Bed Bugs \$415,000 for 2016 – 1st year of a 3-year control strategy and \$1.9M for Housing Allowances)
 - Economic Development Initiatives \$2M, Employment Land Banking \$2M
 - Police Services \$11.7M
 - Library Services \$1.7M
 - Parkland Acquisition Strategy (retired school board properties)
 - Industrial Land Acquisition Strategy
- C. 10-year Budgeted Debt Level Forecast Peak in 2016 at \$355 million is a 5% decrease from last year's forecast debt peak of \$373 million in 2015 (refer to Table 11).
- D. Operating Costs. The operating impact of capital projects are identified on the "2016 – 2025 Capital Budget Project List" and on the "Capital Budget Project Detail Sheets". There is normally a one year lag for operating cost inclusion of submitted capital projects.
- E. Staff recommend incorporating the operating impact of capital projects in the 2016 operating budget. In 2015, the operating impact of Capital for inclusion into the 2016 operating budget was \$3.7 million. The operating impact of the 2016 Capital Budget for is \$2.397 million (and 15.29 FTE's) which is recommended to be incorporated into the 2017 Tax Supported Operating Budget.

7.0 2016 – 2025 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 Capital Levy. This 10-year plan would add \$215 million more in capital over a 10-year period compared to a 0% increase for 10 years.



The City's declining capital affordability is due to:

- a) Decreased Capital Funding capacity due to major capital project debt commitments (refer to Table 9).
- b) Aging Infrastructure.
- c) A reduced amount of property tax revenue (proportionate) dedicated to capital.
- d) Inflationary pressures of capital expenditures.
- e) Declining Federal and Provincial Capital grants.

- a) Decreased Capital Funding capacity due to major capital project debt commitments (refer to Table 9).

Past expenditures on the major projects listed below make up a significant portion (\$17.7 million) of the \$49.6 million debt charge component of the Capital Levy. This is of particular importance in that there are significant future proposed projects (Light Rail Transit, West Harbour, park development, Police Investigative Services Forensic Building) which may significantly add to the debt charge component of the Tax Supported Capital Levy.

Table 9

MAJOR PROJECTS (\$ Millions)							
	2015 & Prior	2016	2017	2018	2019	2020	Total
Red Hill Valley Project	439.0						439.0
City Hall	73.9						73.9
Waste Management	155.5	2.6	15.5	11.2	38.2	2.6	225.6
Lister Block	29.8						29.8
Total	698.2	2.6	15.5	11.2	38.2	2.6	768.3
Debt Charges on above projects (funded from Tax Levy)							
		17.7	16.1	15.3	17.6	18.2	84.9

b) Aging Infrastructure.

Municipalities, particularly older ones like Hamilton, are experiencing significant annual infrastructure deficits as well as a significant accumulated backlog of repairs which staff estimate at \$3.5 billion (for all programs). Moving towards a sustainability model is critical for the City as the deficiency in providing capital funding to assets will result in increased incremental operating maintenance costs. This is the reason staff are recommending a 10-year Tax Supported Capital Funding Plan which calls for 0.5% tax increases dedicated to the Capital Levy for the next 10-years. Increasing the City's own source funding by \$215 million versus over a 10-year 0% increase would be a significant factor in dealing with our infrastructure deterioration.

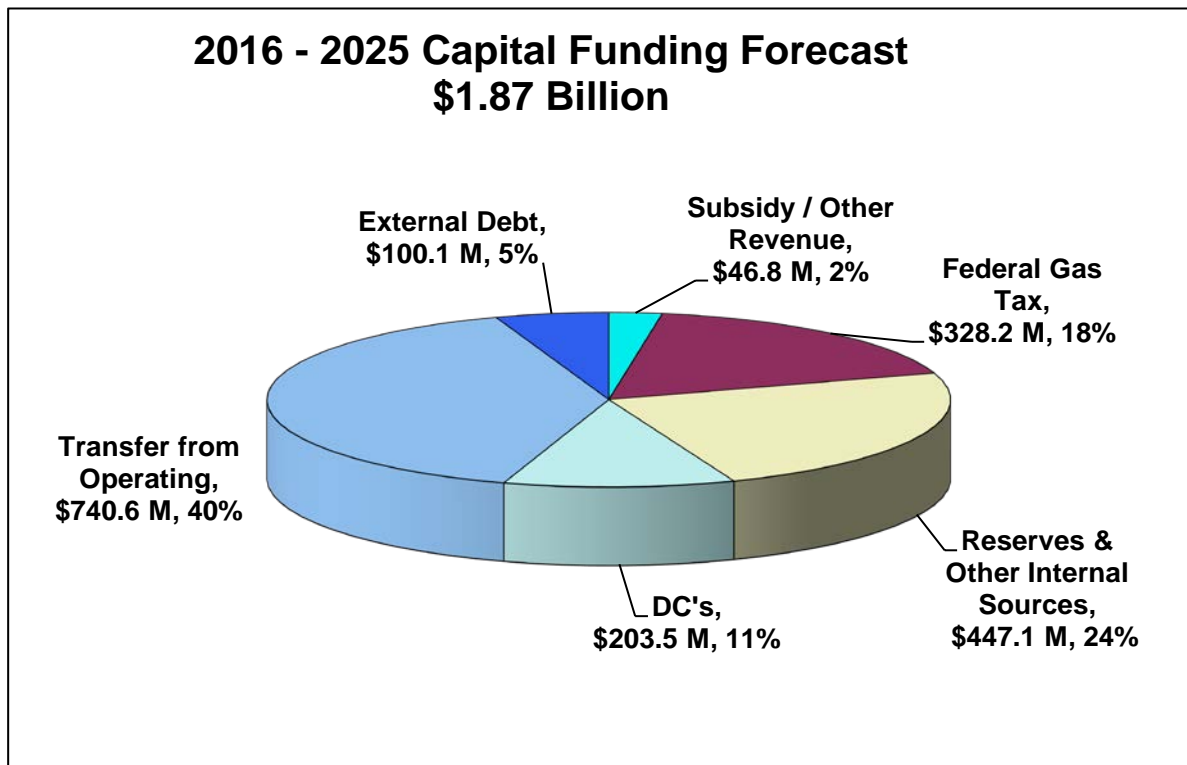
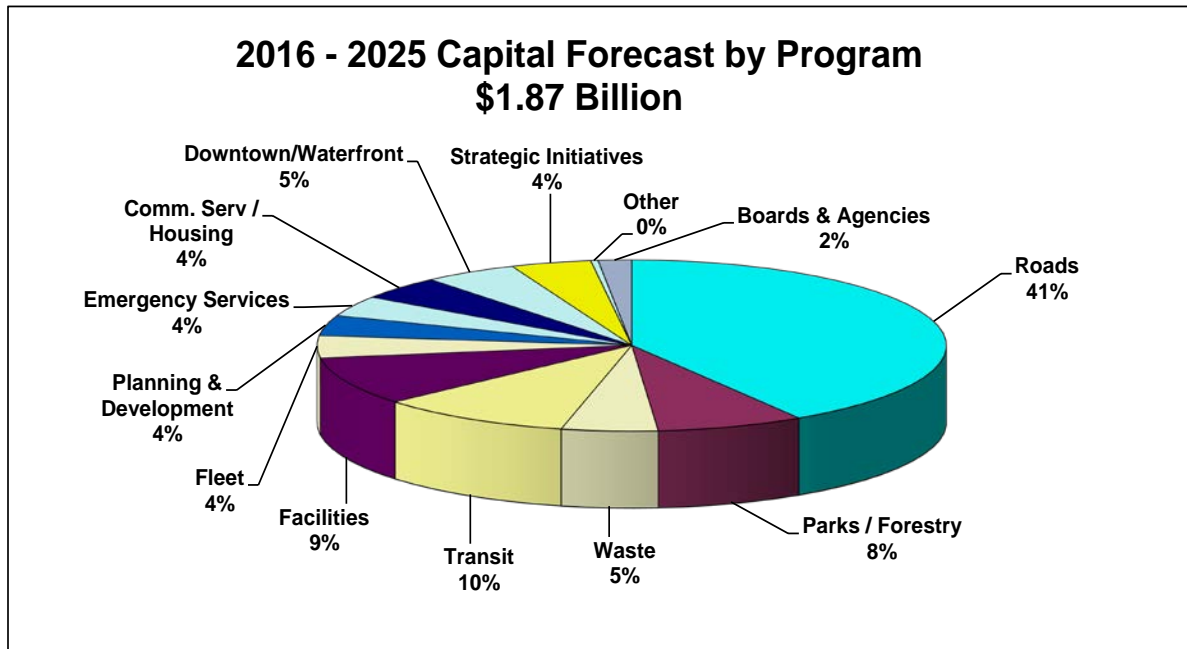
c) A reduced amount of property tax revenue (proportionate) dedicated to capital expenditures. In 2015, 11.9% of the City's tax levy of \$797 million was allocated for capital which represented a decrease from the previous two years. Refer to Table 5.

d) Inflationary pressures of capital expenditures relative to the inflationary capacity of property tax increases is illustrated in Table 10.

Table 10

Inflationary Pressures on Capital Expenditures - (%)							
	2009	2010	2011	2012	2013	2014	2015
Non-Residential Building Construction Price Index	-1.93	-0.07	4.07	2.23	0.4	1.38	1.49
Property Tax Increase	1.7	2.0	0.8	0.9	1.9	1.5	2.7

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 11 illustrates that submitted capital projects for the next 5 years total approximately \$1.23 billion while the 2016 - 2020 capital forecast can only support \$1.02 billion in new capital projects. This leaves the City with an approximate \$213 million funding gap taking into account the requested levels of infrastructure repair and rehabilitation. In conclusion, without additional senior levels of government infrastructure subsidies, the City would experience a \$230 million funding shortfall for the 5-year period (2016 – 2020).

Table 11

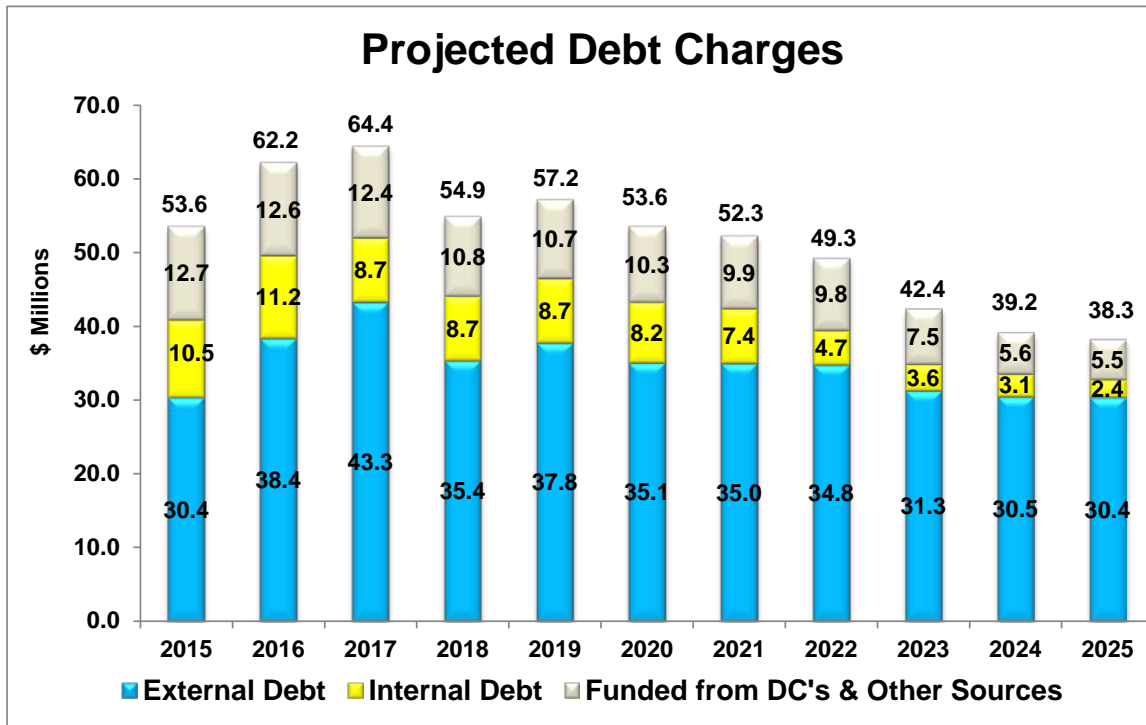
2016 - 2020 CAPITAL FORECAST							
PROJECTED GROSS CAPITAL & FUNDING SOURCES							
SOURCES OF FINANCING	2015	2016	2017	2018	2019	2020	5 YEAR TOTAL
SUBSIDY / OTHER REVENUE	21,455	11,375	13,035	5,155	2,830	2,390	34,785
RESERVES / OTHER INTERNAL	106,602	84,540	57,406	50,774	38,157	35,070	265,947
DEVELOPMENT CHARGES	43,283	32,002	41,198	57,832	15,301	15,126	161,459
FEDERAL GAS TAX	30,938	31,616	31,616	33,122	33,122	33,122	162,598
TRANSFER FROM OPERATING	45,062	48,732	50,307	62,104	63,526	70,639	295,308
EXTERNAL DEBT	14,191	8,420	36,202	17,240	38,210	-	100,072
TOTAL CAPITAL FINANCING AVAILABLE	261,531	216,685	229,764	226,227	191,146	156,347	1,020,169
TOTAL CAPITAL SUBMITTED	333,996	257,026	278,239	300,125	216,347	181,512	1,233,249
UNAFFORDABLE	(72,465)	(40,341)	(48,475)	(73,898)	(25,201)	(25,165)	(213,080)

8.0 TAX SUPPORTED DEBT AND DEBT FORECAST

In the proposed 2016-2025 ten-year financing plan, tax supported budgeted external - debt levels peak in 2016 at \$355 million. This is the debt level which most concerns bond-rating agencies (refer to Table 12 and corresponding debt charge graph). As one of its objectives, staff will hold the line on increasing the City's tax supported external debt past the current debt peak forecast. Table 12 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 delay capital projects and assumes on a declining basis that debt is issued only as capital expenditures occur. Credit Rating Agencies are most focused on the level of external debt in accessing investor risk, as opposed to internal debt.

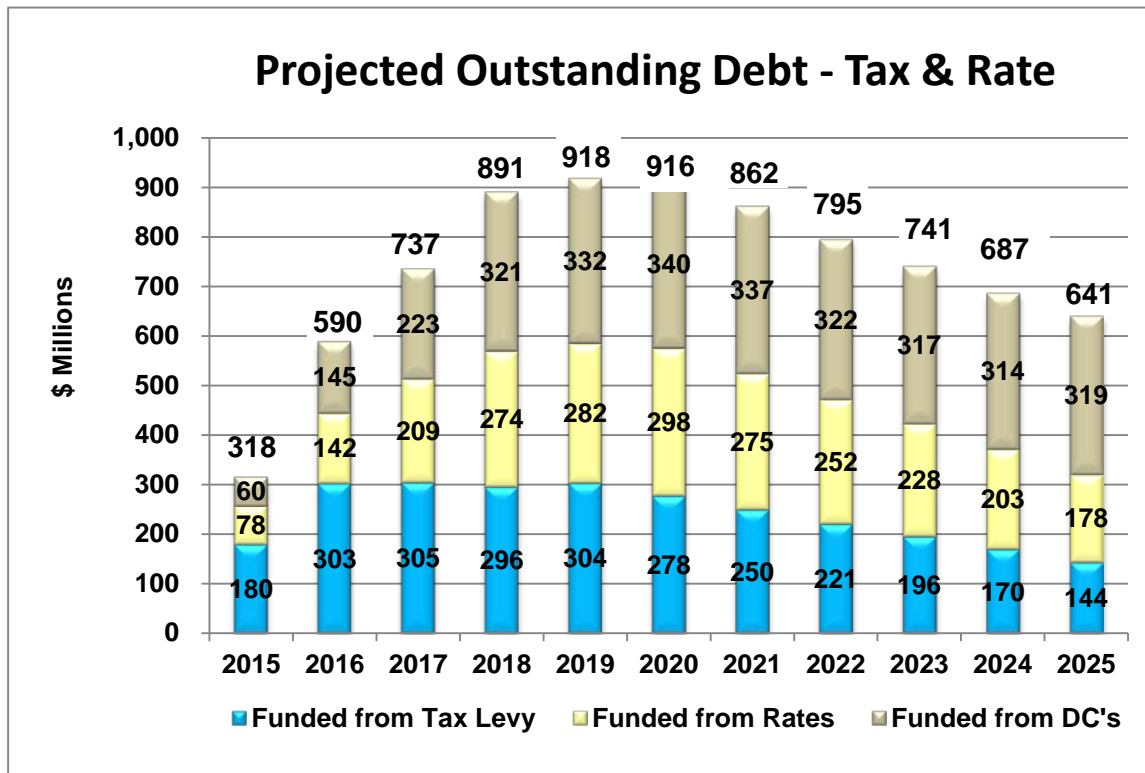
Table 12

TAX SUPPORTED EXTERNAL DEBT FORECAST											
(\$Millions)											
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<u>2016 - 2025 FINANCING PLAN</u>											
TAX SUPPORTED	180	303	305	296	304	278	250	221	196	171	144
FUNDED FROM DC's	59	52	44	38	32	26	20	14	9	6	3
TOTAL BUDGETED DEBT	239	355	349	334	336	304	270	235	205	177	147
PROJECTED ACTUAL	239	300	280	260	260	240	200	180	170	160	147
<u>2015 - 2024 FINANCING PLAN</u>											
TAX SUPPORTED	314	312	305	285	286	276	250	223	200	177	
FUNDED FROM DC's	59	52	44	38	32	26	20	14	9	6	
TOTAL BUDGETED DEBT	373	364	349	323	318	302	270	237	209	183	

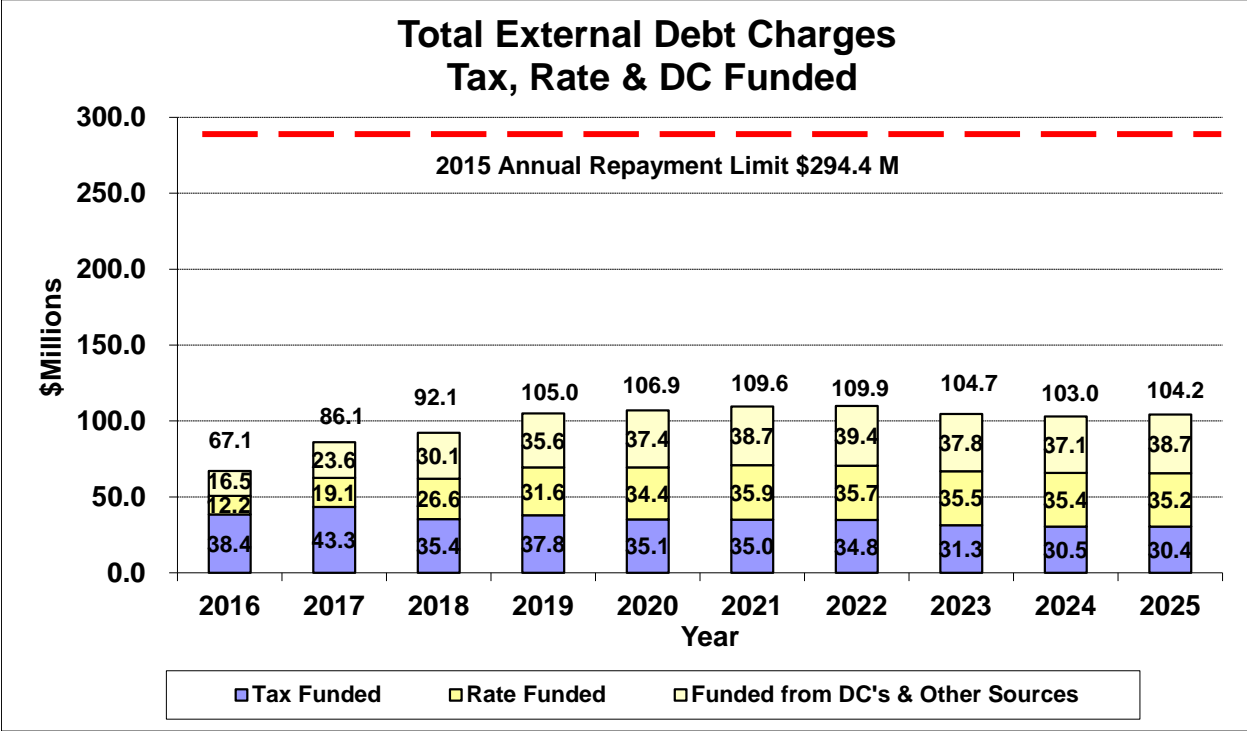


The graph below is a 10-year forecast of total Debt for the City of Hamilton. That is debt associated with the Tax Supported Capital and the debt which funds a portion of the Rate Capital Budget (Water, Wastewater and Stormwater). The graph shows that a significant portion of total debt is comprised of debt for growth infrastructure. It includes infrastructure such as the rehabilitation/expansion of the wastewater plant of approximately \$567 million in two phases (2016-2021 of \$349M and beyond 2023 of \$218M), major sewer and water trunks and roads benefiting development. 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 2015 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 not incur the debt associated with growth infrastructure unless the growth occurs.



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 25% of the municipalities own revenues. This would translate to support an outstanding debt of \$3.0 billion versus our current peak forecast of \$918 million. Hamilton’s current debt is well below the allowable provincial limit.

Hamilton’s percent of debt charges to own revenues is 4.4% compared to the average of 7.0% for all municipalities included in the comparison. The ARL comparators range from 1.9% (City of Cambridge) to 13.5% (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 (2014) in the peak debt forecast period would increase to approximately 9.0% in 2022.

Debt Comparators

Based on 2014 FIR's
(\$ Millions)

	Hamilton	London (2013 FIG)	Windsor	Ottawa	Brantford	Halton Region	Burlington	Waterloo Region	Waterloo	Kitchener	Cambridge	Niagara Region	St. Catharines	Peel Region	York Region	Toronto
Debt per capita ⁽¹⁾	\$ 803	\$ 1,022	\$ 494	\$ 1,984	\$ 388	\$ 608	\$ 1,010	\$ 1,086	\$ 1,612	\$ 1,521	\$ 1,192	\$ 605	\$ 1,171	\$ 1,052	\$ 2,649	\$ 1,688
Debt per household ⁽¹⁾	\$ 1,984	\$ 2,239	\$ 1,057	\$ 4,742	\$ 945	\$ 1,660	\$ 2,657	\$ 3,028	\$ 4,681	\$ 4,164	\$ 3,321	\$ 1,393	\$ 2,734	\$ 3,530	\$ 8,603	\$ 4,213
Credit Rating ⁽²⁾	AA	AAA	AA	AA	AA	AAA	NR	AAA	NR	NR	NR	AA	NR	AAA	AA	AA
Total Own Revenues (Net) (per ARL Calculation)	1,216.0	777.0	487.8	2,521.5	220.5	641.4	201.9	665.2	144.2	347.1	151.3	567.3	143.0	1,415.5	1,416.3	8,338.2
Total Debt & LT Liabilities (Incl. Housing)	438.5	381.9	104.1	1,887.9	37.8	323.0	70.2	617.4	70.2	102.9	14.2	270.1	74.3	1,503.8	3,032.0	4,740.9
% to own revenues	36.1%	49.2%	21.3%	74.9%	17.1%	50.4%	69.5%	92.8%	48.7%	29.6%	9.4%	47.6%	52.0%	106.2%	214.1%	56.9%
Total Debt Charges (Incl. Lease & LT Commitment Payments)	53.2	69.6	12.1	188.6	7.9	47.1	18.6	66.0	7.2	14.4	2.9	36.3	11.7	129.4	191.0	684.7
% to own revenues	4.4%	9.0%	2.5%	7.5%	3.6%	7.3%	9.2%	9.9%	5.0%	4.1%	1.9%	6.4%	8.2%	9.1%	13.5%	8.2%
Annual Repayment Limit (ARL) = 25% of Total Own Revenues above																
(1) Lower Tier Debt per Capita and Debt per household includes Upper Tier (Region) Debt																
(2) NR = Lower Tier Municipality that is Not Rated																

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 will have \$1.68 million allocated annually to address ward specific infrastructure and capital. Table 13 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 13

Wards 1 to 8 Area Rating Special Capital Re-Investment Reserves Forecast Closing Balances (\$ 000's)				
Reserve	Ward	2015	2016	2017
108051	Ward 1	1,138	2,717	4,380
108052	Ward 2	1,617	3,253	5,030
108053	Ward 3	870	2,449	4,027
108054	Ward 4	367	1,973	3,618
108055	Ward 5	142	1,743	3,382
108056	Ward 6	2,671	4,333	6,035
108057	Ward 7	2,046	3,693	5,379
108058	Ward 8	1,888	3,531	5,213

10.0 HOUSING SERVICES

On December 13, 2014, 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 2014. In the past, Hamilton experienced lower rents and higher vacancy rates than other 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 a relatively healthy 4.1%.¹ The 2014 Canada Mortgage and Housing Corporation data show that the average rent in Hamilton has increased to \$813 per month while the vacancy rate has sharply decreased to 2.3%.² It is anticipated that the 2015 data will confirm that this trend is worsening. Currently, one in five rental households in Hamilton are paying more than 50% of income on rent. 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.

The 2016 Tax Supported Capital Budget requests are based on the premise that investment in housing is critically needed to preserve the City's existing housing stock, increase the overall supply of safe, suitable and affordable rental units and improve the facilities that serve the City's population experiencing homelessness.

Social Housing Capital Repairs

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 14,600 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 2015, the City subsidized social housing costs in the approximate amount of \$66 million with \$45 million funded from the levy supported operating budget and \$21 million funded through Federal sources.

¹ Canada Mortgage and Housing Corporation, (2012). Rental Market Report

² Canada Mortgage and Housing Corporation, (2014). Rental Market Report – Hamilton Specific Data (excludes Burlington and Grimsby from the Census Metropolitan Area).

As of September, 2015, there were approximately 5,766 households waiting for rent-geared-to-income housing in Hamilton. The Action Plan targets a 50% reduction in the number of households waiting for rent-geared-to-income housing by 2023.

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 million. In 2003, the City funded building condition assessments and reserve fund studies for all housing providers and determined that there was a shortfall of approximately \$135 million.

The Action Plan strategy 4.10 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. Capital repair liabilities are growing faster than the ability to increase social housing providers' capital reserves, putting additional pressure on the City. Some social housing rental units are uninhabitable. The growing capital repair deficit threatens to render even more units unsuitable to rent.

The Federal and Provincial governments have acknowledged reserve fund shortfalls by providing one-time 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 million 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.

Without an additional source of funding, social housing providers have limited options to deal with the cost of capital and emergency repairs. 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 October 31, 2015, the Social Housing Capital Reserve Fund had an approximate balance of \$626,285.

Best practices in similar industries suggest building condition assessments and reserve fund studies be completed every six years. In 2014, it was determined that 10 of the 43 social housing providers had completed building condition assessments and reserve fund studies, including CityHousing Hamilton, which accounted for approximately 60% of social housing units. The studies project a deficit of over \$400 million over the next 20 years. In accordance with Council direction, The City is presently arranging for the completion of updated building condition assessments and reserve fund studies for all social housing providers.

Capital projects identified in the completed building condition assessments are tracked for all social housing providers, except CityHousing Hamilton in an asset planner database. CityHousing Hamilton uses a separate process for monitoring its capital repair needs. The 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 45 capital repair projects rated as “high priority” in the asset planner with an estimated cost of approximately \$7.3 million.

Staff is currently reviewing nine capital repair projects identified as “urgent” because the projects address safety concerns, will prevent the loss of units or will return unoccupied units to a habitable form. Further projects to be considered for 2016 capital funding contributions will be reviewed and assessed following completion of the building condition assessments and capital reserve fund studies. Projects will be prioritized and recommended for funding based on the severity of safety concerns, the preservation of existing units and the restoration of vacant units.

Ontario Renovates (Rehabilitating private ownership properties for low-income households)

The Ontario Renovates program assists low-income households by providing financial assistance for repairs to meet health and safety standards and to make modifications for accessibility purposes. By providing financial assistance for repairs, lower income households, including seniors and persons with disabilities, can remain in their homes longer. The program also assists eligible private landlords with health and safety related renovations, which helps to maintain the existing affordable rental housing stock. This is important because there has been little new purpose built rental housing constructed over the last 20 years in Hamilton and there are significant changes in the rental market that are eroding affordability.

The Action Plan targets the rehabilitation of 350 units annually. Current levels of funding (through the Federal and Provincial governments’ Investment in Affordable Housing program) have allowed approximately 75 units to be rehabilitated. The City fully expends its annual Ontario Renovates program budget. The program is consistently oversubscribed with more demand for funds than are available. Based on existing program activity, the 2015/16 fiscal year will be the same. There is not a formal waitlist for the program. When funding is fully spent for the year, applicants either wait for the next year’s funding or find alternate solutions. There is no hard data to capture the number of people who are forced to sell or leave their homes due to lack of program funding.

New Rental Construction

The Urban Hamilton Official Plan and the Action Plan includes targets for the development of new affordable units annually based on growth projections for the City. The Action Plan, taking into consideration the impact of the secondary private market, establishes a target for the development of 300 new affordable housing units annually. This target reflects the need to meet future growth and does not include the current unmet need.

Investing in the creation of a new supply of affordable housing units is becoming increasingly necessarily given that no purpose built affordable rental housing is being constructed in Hamilton without the investment of public funds. 100 new units of affordable housing will be built over the next five years with Investment in Affordable

Housing in Ontario Extension funding. Additional funding through a development charge reserve for affordable housing may facilitate an additional 40 new units. Additional investment is required to meet the Action Plan target. If the City is unable to address its current and future affordable housing development needs, this will further increase the pressure on the City's social housing waitlist.

Hamilton's Community Bed Bug Strategy

On October 19, 2015, Board of Health approved recommendations in Report BOH14010(a)/CES14013(a) to implement Hamilton's Community Bed Bug Strategy and includes the capital budget request of \$1,060,000 over 3-years with a 2016 capital budget request of \$415,000. The Bed Bug Strategy is a three-year plan that will reverse the growing trend of bed bugs and reduce the impact of bed bugs for those residents that are exposed to them through a framework of resources and public education. It provides a coordinated approach by providing resources to support vulnerable residents. Work place training and policies will be developed for people that work in occupations that support individuals with bed bugs (e.g., nursing care) or who may be exposed to bed bugs (e.g., furniture disposal services). It will create a city-wide public health promotion campaign to increase awareness and reduce the stigma associated with bed bugs.

Incidents of bed bug infestation are further compromising capital repair reserves because funds are being used to treat such incidences. In addition, in some cases, infestation renders units essentially uninhabitable. The Action Plan targets a reduction in bed bug infestation and related complaints.

Emergency Shelter – Capital Funding

The Action Plan contains strategies that aim to ensure that people have the individualized supports they need to be successfully housed. Capital funding for emergency shelter infrastructure improvements relates to strategy 3.10: "support the implementation of current and emergent local housing and homelessness system plans that address housing with supports." It is supports strategy 3.8: "make available high-quality, trauma-informed supports for individuals and families in homelessness and/or insecure housing situations."

Capital funding is needed to support physical infrastructure within local emergency shelters. Previously, federal homelessness funding could be used to address physical infrastructure needs in emergency shelters, including repairs and the development of new facilities. However, capital spending is not an eligible expenditure under the current federal homelessness program. Emergency shelter agencies no longer have access to a predictable source of funding for physical infrastructure improvements and repairs. Fundraising is now the primary source of funding for capital improvements and repairs. This can be challenging as most agencies already fundraise significant amounts to support and subsidize new and existing programming.

11.0 TRANSIT CAPITAL PROGRAM

Table 14 provides a 5 year forecast of the City's Transit Service capital program. For 2016, the Transit capital program is \$18.2 million. As some of the existing Transit subsidies expire or are utilized, the forecast for the remaining 4 years range between \$15.2 million and \$17.9 million. Transit's capital includes \$3.0 million funded from Federal Gas Tax and \$0.7 million funded from the City's capital levy, for a total reserve contribution of \$3.7 million to the Transit's vehicle replacement reserve.

Table 14

Transit Capital Forecast					
(\$000's)					
	2016	2017	2018	2019	2020
Projects Included in Financing Plan					
HSR Bus Replacement	9,990	9,982	9,239	10,847	10,404
ATS Vehicle Replacement	1,997	4,045	2,048	2,073	2,099
Non Revenue Vehicle Replacement	127	85	103	170	162
Fund Transit Reserve - Re Cancellation of OBRP	3,700	3,700	3,700	3,700	3,700
Security Cameras on Buses	1,700	-	-	-	-
Transit Shelter Expansion Project	300	110	110	110	110
Transit Hybrid Bus Battery Replacement	420	-	-	240	-
Total - Included in Financing Plan	18,234	17,922	15,200	17,140	16,475
Projects Not Included in Financing Plan					
Rapid Ready Implementation	50	-	-	-	-
Branding & Marketing - Launch & Implementation	200	1,300	1,300	1,300	1,300
Terminal Rehabilitation	400	125	125	125	125
Bus Stop / Shelter Rehabilitation	125	125	125	125	125
OPS - Trapeze Extensions	350	-	-	-	-
Replace Building Security Camera Equipment	150	-	-	-	-
Additional Radio Channel	350	-	-	-	-
A & B Line Passenger Amenities - Phase 2	60	300	300	300	300
Bus Wash Rack Replacement	300	300			
Replace Transit Fleet Bus Hoists	425	425	425	425	425
PRESTO Equipment Renewal	-	2,000	2,235	-	-
Total - Not Included in Financing Plan	2,410	4,575	4,510	2,275	2,275
Total - All Projects	20,644	22,497	19,710	19,415	18,750

Table 15 provides the actual Transit subsidies received in 2010 through 2015 and a forecast of Transit subsidy revenues in 2016 through 2017. Note that the Tax Supported Capital Budget for 2016 has replaced the Provincial subsidy for the Ontario Bus Replacement Program with funding from the Federal Gas Tax (\$3M) and the City's Contribution from the Operating Budget (\$700,000) in order to sustain the City's Bus Replacement Program at the current 12-year cycle.

Table 15

Transit Subsidy Revenue Forecast								
(\$000's)	2010	2011	2012	2013	2014	2015	2016	2017
Provincial Gas Tax	10,549	10,888	10,735	10,631	10,496	10,313	10,150	9,900
Federal Gas Tax			3,000	3,000	3,000	3,000	3,000	3,000
Ontario Bus Replacement Program (OBRP) - HSR	2,500	2,802	-	-	-	-	-	-
Ontario Bus Replacement Program (OBRP) - ATS	727	704	-	-	-	-	-	-
Total	13,776	14,394	13,735	13,631	13,496	13,313	13,150	12,900

Table 16 is a forecast of Transit reserve balances. A significant portion of the Provincial Gas Tax Reserve is used to fund operating expenses (\$11 million in 2014 and \$11.2 million in 2015). The reserve forecasts indicate the reserves are at a sustainable level to fund the operating and capital requirements to at least 2019.

Table 16

Transit Reserves Forecast						
(\$000's)	2014	2015	2016	2017	2018	2019
HSR Vehicle Replacement	22,650	14,055	4,928	5,890	8,219	8,834
ATS Vehicle Replacement	7,121	8,652	8,466	6,301	6,192	6,166
Provincial Gas Tax Reserve	26,523	19,481	19,785	20,138	20,403	20,665
Federal Public Transit Funds (Fed. Gas Tax)	1,043	365	-	-	-	-
Ontario Transit Capital Grant	3,635	93	-	-	-	-
Rapid Transit (Metrolinx)	8,015	6,960	1,856	1,900	1,946	-
Transit Capital Reserve	2,094	417	-	-	-	-
Transit Shelter Capital Reserve	192	96	-	-	-	-

12.0 GROWTH / ASSESSMENT CAPITAL

Various municipalities surrounding Hamilton have demonstrated that the increase in industrial / commercial assessment (these classes contribute more property tax revenue than service cost) is directly proportionate to the health of a City's economic viability and affords a City greater sustainability of social and community programs.

Development Charges – Financial Sustainability

As the City of Hamilton moves forward with its growth infrastructure plans, current policies must sustain the "Places to Grow" (P.T.G.) growth patterns. The City's 2014 Development Charge By-law was based on 2006 Provincial forecasts which pegged Hamilton's population at 660,000 by 2031. The City is in the process of updating its infrastructure masterplans to reflect the 2013 PTG amendments which forecast Hamilton's 2031 population to 670,000 and 2041 population at 778,000.

To date, the City is falling short of those projections. As an example, P.T.G. had forecast that the City's population would reach 540,000 by 2011, yet the latest census for 2011 shows that the City's population had only reached 520,000. In the development category of Single-detached units, the City has not reached its development targets (refer to Table 17). This presents a problem in that the City has not collected enough Development Charge revenues, due to the unit shortfall, to fund the infrastructure which would sustain the Province's P.T.G. planning document. The main causes of this growth revenue shortfall are:

1. Shortfall in the construction of forecast residential and non-residential development.
2. Subsidized Industrial Development Charge rates (development incentive).

In order to balance the growth revenue shortfalls with infrastructure requirements, the City has prioritized its growth infrastructure in a "Staging of Development Program". This program, coupled with a financing strategy of limiting DC reserve exposure and debt financing of growth projects, will ensure that the City's overall Development Charge reserve balance is sustainable. Tables 18 and 19 illustrate the development shortfalls in residential and non-residential growth and City forecasts going forward.

Table 17

Average Single Detached Unit Equivalent Construction Versus Provincial Forecast

	2015	2016	2017-2031	Total 2017-2031
Staff Budget/Act	1,935	1,750	1,947	29,205
Places To Grow	2,566	2,566	2,566	38,490
Net	631	816	619	9,285

Average Square Footage Non-Residential Construction versus Provincial Forecast

	2015	2016	2017-2031	Total 2017-2031
Staff Budget/Act	750,000	750,000	1,442,270	21,634,046
Places To Grow	2,048,700	2,048,700	2,048,700	30,730,500
Net	1,298,700	1,298,700	606,430	9,096,454

Table 18

City of Hamilton Development Activity		
Year	Single-Detached Unit Equivalent	Non-Residential (Sq.Ft.)(rateable)
2009	1,053	946,092
2010	2,102	2,857,736
2011	1,167	1,025,991
2012	2,027	1,416,744
2013	1,513	1,025,991
2014	1,935	781,180
6-year Average	1,633	1,342,289
2015 Projection	1,935	750,000
2016 Projection	1,750	750,000
2017 Projection	1,947	750,000

Tables 19 and 20 summarize the proposed Capital projects which will contribute towards assessment growth. As the 2016 Tax Supported Capital Budget and Tables 19 and 20 illustrate, staff will continue to prioritize and plan for growth.

Table 19

Tax & Rate Assessment Growth Projects 2016 (\$000's)	Gross	Net
Capital Projects Below Funded in Whole or in Part by DC's		
Upper Sherman - Stone Church to LINC	160	60
Storm Water Management Program	4,000	0
Big Creek	200	0
Upper Mount Albion - Stone Church to Highland	280	0
Centennial Trunk Sanitary Sewer (WW-14, WW-33)	13,200	0
Binbrook (Hwy 56) Forcemain & Twinning - (WW-21)	20,340	0
Royal to Main/King Sanitary Sewer Upgrades (WW-22)	9,130	0
Woodward WWTP - Clean Harbour	6,560	0
Rymal - Upper Paradise to Garth	1,800	0
Twenty Road East - Nebo Road to 900m westerly	910	230
Miles - Extension of Terni Blvd (east & west legs)	80	0
Dundas St Watermain - 140m e/o Spring Creek to Skinner Rd	160	80
Twenty - 40m East of Greti to Upper James	210	20
Upper Wentworth - South limit @ Hydro Corridor to Twenty	130	0
Waterdown South Elevation Water Storage - New PD (W-07)	2,200	350
Stone Church Feedermain (W-24)	11,000	0
PD11 (Governor's Road) Watermain Extension (W-05)	460	0
PD22 (Governor's Road) Watermain Extension (W-06)	780	0
Centennial Parkway Trunk W/M Extension - Valve Chamber #3 - Mud/Up. Centennial (W-13)	6,790	0
PS HD016 (York and Valley) Capacity Upgrade, Standby Power & Building Expansion (W-26)	670	67
PD7 (Upper Stoney Creek/Glanbrook) Elevated Reservoir (W-23)	1,050	0
PS HD12A (Governors @ Huntingwood) Rebuild with Capacity Upgrade & Standby Power Installation (W-04)	500	0
LRT Market Intelligence	485	48
City Share of Servicing Costs under Subdivision Agreements	3,000	0
Binbrook Library Branch New Construction	1,365	0
Equipment Acquisition (DC) Program	247	0
Joe Sams Leisure Park	800	412
Meadowlands Park Phase 8 & 10	500	376
Glanbrook Hills Park (Proposed)	695	70
William Connell Community Park	3,800	240
Ancaster Community Centre Ball Diamond Lighting	425	375
Borers Creek Trail Link	510	330
City Wide Employment Survey	99	10
Comprehensive Zoning By-Law	1,175	646
Site Plan Guidelines Update	200	20
DC Intensification Study and GRIDS Update	705	70
Barton Tiffany Urban Design Study Implementation	150	15
William Schwenger Park Washroom Facility	500	50
William Connell Park Washroom Facility	960	160
Greensville Recreation Centre/School	400	0
Beverly Recreation Centre/School	1,800	0
Freelton Park Washroom and Outdoor Ice Rink	700	100
Upper Sherman - Rymal to Stone Church	500	200
Upper Sherman - Stone Church to LINC	2,800	310
Rymal - Fletcher to Upper Centennial	110	20
Upper Mount Albion - Stone Church to Rymal	2,750	420
RHBP - Dartnall - Stone Church to Rymal	600	90
Nebo - Rymal to Twenty	100	15
Rymal - Upper Paradise to Garth	4,660	640
East-West Road Corridor (Waterdown By-Pass)	7,510	380
Development Road Urbanization	500	24
Garth Street Extension Class EA	280	0
Garner Rd - Hwy 2 / Wilson to e/o Fiddlers	1,870	280
Burke St/Mountain Brow Road - Waterdown	2,160	324
New Sidewalk Program	480	24
Street Lighting Enhancement Program	2,000	100
Traffic Signal Modernization & Upgrades Program	300	14
New Traffic Signal Installation Program	2,380	1,630
Sub-Total DC Funded	128,126	8,200

Table 20

Assessment Growth Projects 2016 (\$000's)		
Non-DC Funded Projects	Gross	Net
Storm Event Response Group (SERG) Projects	110	110
Barton & Hamilton St, Waterdown Storm Sewer Upgrade	780	780
Calvin Rd. Sewage PS (HC011) Upgrades	255	255
Ancaster Wastewater Outstations Upgrades	2,280	2,280
Dundas Wastewater Outstations Upgrades	130	130
Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank Cleaning & Upgrade	500	500
FC001 & DC009 Wastewater Pumping Stations Upgrades	60	60
New Haulage Receiving Station	200	200
Waste Hauler Receiving Station – Eastport Drive SPS (HC017) Upgrades	110	110
Wastewater System Lining Program	5,000	4,450
City-Wide Water Master Plan	550	290
Upsize Forcemain under Wilson Street	50	50
Randle Reef Sediment Remediation	1,000	1,000
Rymal - Garth to West 5th	100	100
Centennial Parkway Trunk Freedermain – Barton / Centennial	2,440	2,440
Stoney Creek Water Outstations Upgrades	470	470
Stone Church / Garth Water Reservoir	3,060	910
Ben Nevis & Dewitt Water Pumping Stations Upgrades	350	350
Freelton Tower HDT03 Upgrades	1,600	600
Provincial Offences Administration Offices	9,000	-
Parkland Acquisition	1,500	1,500
Beasley park Rehabilitation	1,555	-
Randle Reef Rehabilitation Project	300	300
Gore Master Plan (Open Space Development Blk) Phase 2	1,200	179
Other Parks Projects	5,042	981
Transportation Tomorrow Survey	40	40
Central Park Remediation	500	150
2020 Waste System Planning	150	150
Transfer Station/CRC Expansion & Capital Replacement	100	100
West Harbour Projects	6,605	6,605
Transit Shelter Expansion Project	300	-
Commercial Property Improvement Grant	400	400
Glanbrook Landfill – Stage 3 Development	250	250
Sub-Total Non-DC Funded	45,987	25,740

The total amount of budgeted development charge revenue required for the 2016 Tax Supported Capital budget is \$32 million and for the rate capital budget is approximately \$78.8 million. Annual Development Charge revenues for 2016 are forecast at approximately \$50 million. To facilitate the growth that is needed the City requires sizeable investment 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 2016 – 2041 growth program will have to be funded through debt and the debt charges repaid from future development charge collections.

Of note, the City of Hamilton has a Development Charge 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 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 Development Charge revenues.

Table 21 illustrates the amount of growth capital budgeted for in 2016. The budgeted expenditures are separated into 2 categories; one for infrastructure that services industrial development and one for non-industrial development (commercial and residential). The one development variable which hampers the City's growth prospects is the lack of shovel-ready, serviced industrial lands. In Table 21, there are proposed investments in the amount of \$62.4 million dedicated towards industrial park servicing funded from development charges.

Table 21

2016 Capital Budget		
Growth Capital		DC Funding (000's)
<i>Industrial</i>		
Rate	Centennial Trunk Sanitary Sewer	13,200
Rate	Binbrook (HWY 56) Forcemain & Twinning	20,170
Rate	Upper Mount Albion - Stone Church to Highland	280
Rate	Airport Lands Dickerson Rd. Forcemain & Gravity	2,750
Rate	Waterdown South Elevation Water Storage	1,850
Rate	PD7 Elevated Reservoir	1,050
Rate	Centennial Parkway Trunk W/M Extension	6,790
Rate	Stone Church Feedermain	11,000
Rate	Twenty Road East - Nebo Road to 900m Westerly	680
Tax	Nebo - Rymal to Twenty	85
Tax	Rymal Fletcher to Upper Centennial	90
Tax	Garner Rd - HW 2 / Wilson	1,590
Tax	Upper Mount Albion - Stone Church to Rymal	2,330
Tax	RHBP - Dartnall - Stone Church to Rymal	510
Total Industrial Projects		62,375
<i>Non-Industrial</i>		
Rate	Water	4,623
Rate	Wastewater - Linear	12,100
Rate	Storm Water	4,300
Tax	Roads	17,244
Tax	Planning - Development	5,005
Tax	Other	5,148
Total Non-Industrial Projects		48,420
TOTAL TAX DC BUDGET		32,002
TOTAL RATE DC BUDGET		78,793
TOTAL ALL		110,795

DEVELOPMENT CHARGE RESERVES

The overall Development Charge Reserves balance is forecasted to be \$33 million as illustrated in Table 22. Of note is that while the annual collections are less than the budgeted DC funding for the 2016 Capital Program of \$110.8 million (Table 21), a significant portion of this funding has been raised through debt and payments from the DC reserve include annual debt requirements as well as direct funding.

Table 22

2015 DC Reserve Forecast (Jan 01 - Dec 31)	Opening Balance (\$000s)	Collections (\$000s)	Payments (\$000s)	Ending Balance (\$000s)
Water	24,278	7,000	(18,350)	12,928
Wastewater Plant	18,596	7,000	(4,977)	20,619
Wastewater Linear	26,829	7,000	(19,545)	14,284
Stormwater	12,979	8,000	(13,976)	7,003
Roads	6,136	11,600	(35,487)	(17,751)
Community Services	10,518	3,000	(10,000)	3,518
Planning-Development	(3,369)	2,000	(5,423)	(6,792)
Parks Development	(2,817)	2,000	(3,943)	(4,760)
Hamilton Emergency Services	345	1,500	(3,969)	(2,124)
Transit	1,531	600	-	2,131
Waterdown Fees	3,645	300	-	3,945
Total	98,670	50,000	(115,670)	33,000

13.0 RESERVES / RESERVE FUND FINANCING

Prudent fiscal management of reserves is imperative. 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 \$701 million projected as at December 31, 2015. Table 23 illustrates the City's reserve history for the period 2011 – 2014 and specific reserve projections which fund the Tax Supported Capital program for the next 5 years.

An analysis of Table 23 highlights the following trends:

1. The Tax Supported Capital reserves, which fund the City's capital program, decrease from \$521 million in 2014 to a projected balance of \$400 million in 2015. The Tax Supported Capital reserves balances are projected to decline over the next 5 years (2015 – 2019) from \$ 400 million to \$366 million. The decline from 2014 to 2015 is in large part due to 3 specific reserves.
 - Development Charges. Utilization of these reserves on a timely basis is both effective and efficient. Staff have funded large growth projects such as the wastewater treatment plant on a pay as you go basis up to this point. Due to project deferrals, the City has been able to pay capital expenditures from current DC collections rather than issue debt. Staff will ensure that there are sufficient DC reserve balances in advance of any required debt issuances. A consolidated DC Reserve balance of approximately \$30 million lets the development community know that the City is not banking DC collections. Instead it is investing on a timely basis on strategic growth infrastructure.
 - There is a declining balance of the City's Unallocated Capital Reserve from which many in-year capital requests are funded. Based on the funding

commitments to date, this reserve is expected to reach a low of \$10.4 million in 2015. This will severely limit Council's ability to fund in-year capital requests. Staff will carefully monitor this reserve and approach Council in the future with top up funding options.

- The vehicle replacement reserve's declining balance reflects current commitments in the transit and fleet program areas.
2. The total reserve and reserve funds position for the City of Hamilton decreases from \$874 million in 2014 to a forecast \$701 million in 2015. The forecast reserve balance ranges from \$721 to \$746 million from 2016 to 2019. The decrease in the reserves is due mainly to the following events:
- The decline of the Development Charge Reserves
 - The balance of the Pan-Am stadium funding from the Future Fund
 - Decline in the Unallocated Capital Reserve.
 - Wastewater Treatment plant rehabilitation funding from the Provincial Funds Reserve.

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. Currently, the following reserve funding (including DC's) is incorporated into the proposed capital financing plan:

Table 23

THE CITY OF HAMILTON RESERVE FORECAST 2011 - 2019 (\$ 000's) (Dec.31)									
YEAR	Actual Balances December 31				Projected Balances December 31				
	2011	2012	2013	2014	2015	2016	2017	2018	2019
<u>CAPITAL RESERVES</u>									
DEVELOPMENT CHARGES	39,408	53,357	81,783	98,670	33,000	30,000	30,000	30,000	30,000
EQUIPMENT REPLACEMENT	10,277	11,746	10,268	11,829	12,546	11,342	11,556	12,059	14,057
VEHICLE REPLACEMENT	39,500	45,567	50,456	53,555	31,000	19,000	17,000	17,000	17,000
CAPITAL LEVY RESERVE-UNALLOCATED	32,609	20,628	21,794	27,982	10,380	10,655	10,949	11,125	11,224
CAPITAL RESERVES - ALLOCATED	41,367	42,909	46,260	24,593	25,407	39,905	57,743	76,041	95,231
GAS TAX RESERVES	46,921	45,821	57,181	56,266	42,299	41,648	40,759	39,643	38,641
PARKLAND RESERVES	10,392	15,916	21,293	24,115	33,695	41,905	51,741	53,369	63,744
RATE RESERVES	72,907	97,420	110,093	112,297	108,527	114,152	120,527	97,136	87,622
PROV. CONTRIBUTION-WTP UPGRADES	103,852	106,425	108,986	111,595	103,405	103,039	60,128	25,683	8,607
TOTAL CAPITAL RESERVES	397,233	439,789	508,114	520,901	400,260	411,647	400,404	362,055	366,126
<u>NON-CAPITAL RESERVES</u>									
TAX STABILIZATION	17,974	15,414	12,137	13,012	5,515	5,116	5,151	5,269	5,390
WORKING FUND RESERVES	57,889	61,364	71,456	81,755	76,523	81,128	85,215	87,920	90,232
EMPLOYEE BENEFIT / ANCILLARY	84,598	89,795	94,240	99,355	100,840	102,590	104,370	106,179	108,018
BUILDING PERMIT STABILIZATION RESERVE	9,842	13,254	14,918	16,140	16,527	16,924	17,330	17,746	18,172
PROGRAM SPECIFIC RESERVES	139,564	126,959	99,764	98,141	70,406	72,421	78,011	84,244	90,554
OTHER	1,432	1,863	2,740	2,190	1,765	1,768	1,993	2,108	2,162
TOTAL NON-TAX CAPITAL RESERVES	311,299	308,649	295,255	310,591	271,575	279,949	292,070	303,465	314,527
TOTAL RESERVES BEFORE FUTURE FUND	708,532	748,438	803,369	831,493	671,835	691,596	692,474	665,521	680,654
<u>FUTURE FUND RESERVES</u>									
HAMILTON FUTURE FUND A	65,406	68,606	53,646	36,522	25,167	30,852	41,392	51,326	61,044
HAMILTON FUTURE FUND B	8,100	8,343	7,470	6,163	4,017	4,117	4,220	4,326	4,434
TOTAL NON-CAPITAL RESERVES	73,506	76,949	61,116	42,685	29,184	34,969	45,612	55,652	65,478
TOTAL ALL RESERVES	782,038	825,387	864,485	874,178	701,019	726,565	738,086	721,172	746,132

Staff will continually review existing reserve and reserve fund balances and make appropriate recommendations to Council during the annual capital budget process.

14.0 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 million whose disbursement is tied to annual planned waste

management and roads expenditures. Refer to Table 24 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 24

HAMILTON FUTURE FUND A									
(\$ 000's)			Actual	Forecast					
			2014	2015	2016	2017	2018	2019	2020
Revenues:									
Investment Income @	3.0%		1,085	787	688	926	1,242	1,540	1,831
Loan Repayment (P&I) COH			7,397	7,814	8,692	8,694	8,692	8,179	7,392
Loan Repymt - Good Shepherd			511	651	788	920			
Expenditures:									
Loans to Fund Capital			(5,396)	(6,000)	(4,482)				
Good Shepherd Loan									
Pan Am Games - Ivor Wynne			(12,022)	(9,107)					
Pan Am Games - Velodrome									
* West Harbour Lands									
* McMaster Medical Centre			(4,500)	(5,500)	-				
Balance - End of Year			36,522	25,167	30,852	41,392	51,326	61,044	70,268
Outstanding Loans Receivable									
City of Hamilton			56,750	60,726	54,139	47,300	40,202	32,834	25,700
Good Shepherd			2,250	1,650	900	-			
Total Fund Value			95,522	87,543	85,891	88,692	91,528	93,878	95,968
<p>* 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.</p>									

In 2016 it is expected approximately \$4.5 million will be allocated from Fund A to fund capital. It is projected the fund balance will increase from \$25 million in 2015 to \$30 million in 2016, and then continue replenishing beyond 2016.

15.0 CONCLUSION

Staff's proposed 2016 Tax Supported Capital Budget and 2017-2025 Capital Plan are a continuation of a solid long-term plan to maximize own source capital funding and to re-direct those funds to priority City program areas. Elements of this plan include the following:

1. A 0.5% tax increase dedicated to the Capital Levy annually. This actually increases the Capital Levy by approximately 4.1% per year and would add \$215 million more capital over a 10-year period versus a 0% increase annually.
2. Increase roads funding from the previous year's net block-funding level of \$50.7 million to a 2016 proposed \$55 million with a Council-endorsed emphasis on the rehabilitation of local roads.
3. Renewed focus on funding for the West Harbour and Waterfront Strategic Initiatives.
4. Investment in strategic capital areas, including West Harbour and the Waterfront, Social Housing repair and others.
5. 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 \$355 million and stabilize, lowering back down to \$147 million in 2025. 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.

However, the City has a \$3.5 billion infrastructure deficit backlog through all program areas and an annual infrastructure deficit of approximately \$195 million. The City cannot tackle this problem on its own and will require significant support from senior levels of government. While the senior levels of government have recognized the gravity of this issue, support is lagging 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.

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues					Financing Sources					
			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	
										Tax	Dividends	Levy	Debt
<u>Community & Emergency Services</u>													
<u>Community Services</u>													
City Wide	6501641100	CES Accommodations	90	-	-	90	-	-	-	90			90
		Sub-Total Community Services	90	0	0	90	0	0	0	90	0	0	90 0
<u>Housing Services</u>													
City Wide	6731641302	Social Housing Capital Repairs and Regeneration	1,500	-	-	1,500	-	-	-	1,500			1,500
		Sub-Total Housing Services	1,500	0	0	1,500	0	0	0	1,500	0	0	0 1,500
<u>Hamilton Fire Department</u>													
City Wide	7401651600	Annual Fire Equipment Replacement	635	-	-	635	-	635	-	-			
City Wide	7401651601	Annual Fire Vehicle Replacement	4,595	-	-	4,595	-	4,595	-	-			
		Sub-Total Hamilton Fire Department	5,230	0	0	5,230	0	5,230	0	0	0	0	0 0
<u>Hamilton Paramedic Service</u>													
City Wide	7641651101	Annual Paramedic Service Equipment Replacement	220	-	-	220	-	220	-	-			
City Wide	7641551103	New Ambulances 2015 & 2016	508	-	-	508	-	-	-	508			508
City Wide	7641651100	Annual Paramedic Service Vehicle Replacement	722	-	-	722	-	722	-	-			
		Sub-Total Hamilton Paramedic Service	1,450	0	0	1,450	0	942	0	508	0	0	508 0
<u>Long Term Care Homes</u>													
City Wide	6301341301	Macassa Lodge - Replacements and Refurbishments	600	-	-	600	-	-	-	600			600
City Wide	6301451407	Macassa & Wentworth Lodge-Tub and Shower Chair Replacement	30	-	-	30	-	-	-	30			30
City Wide	6301551508	Macassa Lodge - Call Bell System	500	-	-	500	-	500	-	-			
City Wide	6301641501	Wentworth Lodge - Tubroom Renovations	140	-	-	140	-	-	-	140			140
City Wide	6301651304	Macassa Lodge & Wentworth Lodge - Lift Replacement	100	-	-	100	-	-	-	100			100
City Wide	6301651603	Macassa and Wentworth Lodge - Lighting	720	-	-	720	-	-	-	720			720
		Sub-Total Long Term Care Homes	2,090	0	0	2,090	0	500	0	1,590	0	0	1,590 0
		Total Community & Emergency Services	10,360	0	0	10,360	0	6,672	0	3,688	0	0	2,188 1,500
<u>Public Health</u>													
City Wide	6771557501	PHS Records and Information Management	92	-	-	92	-	-	-	92			92
		Total Public Health	92	0	0	92	0	0	0	92	0	0	92 0

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues						Financing Sources				
			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt
										Tax	Dividends	Levy	
<u>Planning & Economic Development</u>													
<u>Growth Management</u>													
City Wide	4141646100	City Share of Servicing Costs under Subdivision Agreements	3,000	-	-	3,000	3,000	-	-	-			
Sub-Total Growth Management			3,000	0	0	3,000	3,000	0	0	0	0	0	0
<u>Parking By-Law Services</u>													
2	4901245100	Repairs to York Boulevard Parkade	1,010	-	-	1,010	-	1,010	-	-			
City Wide	4901445100	Parking Lots - Surface Repairs	100	-	-	100	-	100	-	-			
2	4901614600	Review of Elevator - York Boulevard Parkade	50	-	-	50	-	50	-	-			
Sub-Total Parking By-Law Services			1,160	0	0	1,160	0	1,160	0	0	0	0	0
<u>Planning - General Manager's Office</u>													
City Wide	8121655600	AMANDA (Zoning, Condominium, Part Lot Control, Minor Variance)	255	-	-	255	-	70	-	185			185
Sub-Total Planning - General Manager's Office			255	0	0	255	0	70	0	185	0	0	185
<u>Planning - Other Divisions</u>													
City Wide	8121641603	Animal Services Retrofit & Renovations	65	-	-	65	-	-	-	65			65
Sub-Total Planning - Other Divisions			65	0	0	65	0	0	0	65	0	0	65
<u>Planning Services</u>													
1, 2	8121655601	Barton Tiffany Urban Design Study Implementation	150	-	-	150	135	-	-	15			15
City Wide	8121655602	DC Intensification Study and GRIDS Update	705	-	-	705	635	-	-	70			70
City Wide	8121655604	Implementation of the Greater Golden Horseshoe Food Action Plan	30	-	-	30	-	-	-	30			30
City Wide	8121655606	Site Plan Guidelines Update	200	-	-	200	180	-	-	20			20
City Wide	8121655608	Parkland Dedication Official Plan Policies and By-Law	420	-	-	420	-	420	-	-			-
City Wide	8141655600	City Wide Employment Survey	99	-	-	99	89	-	-	10			10
City Wide	8101655600	Comprehensive Zoning By-Law	1,660	-	-	1,660	966	-	-	694			694
Sub-Total Planning Services			3,264	0	0	3,264	2,005	420	0	839	0	0	839
<u>Tourism & Culture</u>													
City Wide	7201658600	Collections Registration Preservation Project	25	-	-	25	-	-	-	25			25
2	7201641602	Rehabilitation of St. Mark's Church - Canada 150 Grant	960	280	-	680	-	400	-	280			280
City Wide	7201658601	Dundurn Small Rooms Restoration	50	-	-	50	-	-	-	50			50
City Wide	7201658602	Dundurn New Entrance, Stoplight Installation & Parking Lot Improvements	1,030	-	-	1,030	-	-	-	1,030			1,030
12	7201658604	Expansion of Griffin House National Historic Site - Canada 150 Grant	205	68	-	137	-	-	-	137			137
City Wide	7201656600	Heritage Inventory and Strategic Priorities	180	-	-	180	-	-	-	180			180
Sub-Total Tourism & Culture			2,450	348	0	2,102	0	400	0	1,702	0	0	1,702

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(\$ 000's)

			Project Specific Revenues					Financing Sources						
			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From		
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt	
										Tax	Dividends	Levy		
<u>Urban Renewal</u>														
Multi	8201603610	2016 Commercial Property Improvement Grant	400	-	-	400	-	-	-	400			400	
Multi	8201603510	2016 Commercial Facade Grant	200	-	-	200	-	-	-	200			200	
Multi	4401656002	Gore Master Plan	600	-	-	600	-	-	-	600			600	
Multi	8201603100	Implementation of the Barton/Kenilworth Commercial Corridor Study	400	-	-	400	-	-	-	400	400			
Multi	8201603611	2016 Community Downtowns & BIA	224	-	-	224	-	-	-	224			224	
Multi	8201641800	2016 Heritage Property Improvement Grants	100	-	-	100	-	-	-	100			100	
Multi	8201655802	2016 Comprehensive Way Finding	186	-	-	186	-	-	-	186			186	
2	4041210017	Downtown Outdoor Lighting Upgrades	100	-	-	100	-	-	-	100	100			
Sub-Total Urban Renewal			2,210	0	0	2,210	0	0	0	2,210	0	500	1,710	0
Total Planning & Economic Development			12,404	348	0	12,056	5,005	2,050	0	5,001	0	500	4,501	0
<u>Outside Boards & Agencies</u>														
<u>CityHousing Hamilton</u>														
City Wide	6181641602	City Housing Contribution	1,500	-	-	1,500	-	-	-	1,500			1,500	
7	6181641603	Renovations and /or Repair to Ward 7 CityHousing Units	800	-	-	800	-	800	-	-				
Sub-Total CityHousing Hamilton			2,300	0	0	2,300	0	800	0	1,500	0	0	0	1,500
<u>H.C.A. & Westfield Heritage Village</u>														
City Wide	3801656100	Hamilton Conservation Authority Critical and Safety Projects	1,850	-	-	1,850	-	-	-	1,850	1,850			
City Wide	3801658902	Westfield Heritage Village - Critical and/or Safety Projects	150	-	-	150	-	-	-	150	150			
Sub-Total H.C.A. & Westfield Heritage Village			2,000	0	0	2,000	0	0	0	2,000	0	2,000	0	0
<u>Hamilton Beach Rescue (HBRU)</u>														
City Wide	2861651700	HBRU Renovations & Equipment Purchases	60	-	-	60	-	60	-	-				
Sub-Total Hamilton Beach Rescue (HBRU)			60	0	0	60	0	60	0	0	0	0	0	0
<u>Hamilton Public Library</u>														
11	7501241200	Binbrook Library Branch New Construction	1,365	-	-	1,365	805	560	-	-				
Sub-Total Hamilton Public Library			1,365	0	0	1,365	805	560	0	0	0	0	0	0
Total Outside Boards & Agencies			5,725	0	0	5,725	805	1,420	0	3,500	0	2,000	0	1,500

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			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt
										Tax	Dividends	Levy	
<u>Council Initiatives</u>													
<u>Area Rating Special Capital Reinvestment</u>													
5	4241609503	CityHousing-Community Room for Youth at Congress Cres	40	-	-	40	-	40	-	-			
5	4241609504	Purchase 15m by 10m Street Stadia	30	-	-	30	-	30	-	-			
1	3301609100	Ward 1 Capital Reinvestment	100	-	-	100	-	100	-	-			
2	3301609200	Ward 2 Capital Reinvestment	100	-	-	100	-	100	-	-			
3	3301609300	Ward 3 Capital Reinvestment	100	-	-	100	-	100	-	-			
4	3301609400	Ward 4 Capital Reinvestment	100	-	-	100	-	100	-	-			
5	3301609500	Ward 5 Capital Reinvestment	100	-	-	100	-	100	-	-			
6	3301609600	Ward 6 Capital Reinvestment	100	-	-	100	-	100	-	-			
<u>Area Rating Special Capital Reinvestment Con't</u>													
7	3301609700	Ward 7 Capital Reinvestment	100	-	-	100	-	100	-	-			
8	3301609800	Ward 8 Capital Reinvestment	100	-	-	100	-	100	-	-			
5	4241609502	Veever's Estate Capital Grant	25	-	-	25	-	25	-	-			
5	4241609501	Ward 5 - 2016 Mountable Curbs	66	-	-	66	-	66	-	-			
5	4241609505	Food Centre Pilot Project - Board of Health 15-007	255	-	-	255	-	255	-	-			
7	4241609701	Improvements to Inch Park	25	-	-	25	-	25	-	-			
Sub-Total Area Rating Special Capital Reinvestment			1,241	0	0	1,241	0	1,241	0	0	0	0	0
<u>Council Strategic Projects</u>													
City Wide	2110953900	Randle Reef Rehabilitation Project	300	-	-	300	-	-	-	300			300
City Wide	2111656401	Parkland Acquisition	1,500	-	-	1,500	-	-	-	1,500			1,500
Sub-Total Council Strategic Projects			1,800	0	0	1,800	0	0	0	1,800	0	0	1,800
Total Council Initiatives			3,041	0	0	3,041	0	1,241	0	1,800	0	0	1,800
<u>City Manager</u>													
City Wide	2051659601	Employee Survey - 2016	200	-	-	200	-	-	-	200			200
City Wide	3381657504	Service Delivery Improvements	150	-	-	150	-	-	150	-			-
Total City Manager			350	0	0	350	0	0	150	200	0	0	200
<u>Corporate Services</u>													
<u>Finance</u>													
City Wide	2051580510	DC Exemptions Recovery	2,000	-	-	2,000	-	-	-	2,000		1,000	1,000
Sub-Total Finance			2,000	0	0	2,000	0	0	0	2,000	0	1,000	1,000

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues						Financing Sources				
			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt
										Tax	Dividends	Levy	
<u>Information Technology (IT)</u>													
City Wide	3501657602	IT Security	100	-	-	100	-	-	-	100			100
City Wide	3501357302	Common Address Database (on behalf of all Departments)	475	-	-	475	-	-	-	475			475
City Wide	3501357303	Geographic Information Systems (GIS) Upgrades-Enterprise W	90	-	-	90	-	-	-	90			90
Sub-Total Information Technology (IT)			665	0	0	665	0	0	0	665	0	0	665
Total Corporate Services			2,665	0	0	2,665	0	0	0	2,665	0	1,000	1,665
<u>Public Works Tax</u>													
<u>Corporate Facilities</u>													
City Wide	3541349003	Backflow Prevention for Various Facilities	508	-	-	508	-	-	-	508			508
6	3541641601	Animal Control Facility Design and Repairs	75	-	-	75	-	-	-	75			75
12	3541641602	Ancaster Memorial Arts & Culture Centre	1,200	-	350	850	-	750	-	100			100
11	3541641910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210	-	-	210	-	210	-	-			-
City Wide	3541641409	Program - Facilities Code & Legislative Compliance	880	-	-	880	-	-	-	880			880
City Wide	3541641412	Program - Roof Management	920	-	-	920	-	-	-	920			920
City Wide	3541641532	Program - Facility Capital Maintenance	700	-	-	700	-	-	-	700			700
City Wide	3541641631	Program - Facilities Security	150	-	-	150	-	-	-	150			150
City Wide	3541641638	Overhead Door Replacement Program	100	-	-	100	-	-	-	100			100
City Wide	3541655100	Corporate Facilities Audit Program	100	-	-	100	-	-	-	100			100
City Wide	3541657001	Archibus - Facility Maintenance Management System Upgrade	100	-	-	100	-	-	-	100			100
City Wide	3541641013	Program - Firestations Facility Upgrade	200	-	-	200	-	-	-	200			200
City Wide	3541641010	Program - Facility Upgrades to Hamilton Public Libraries	200	-	-	200	-	-	-	200			200
City Wide	3541641648	Program - Parking Lot Rehabilitation	250	-	-	250	-	-	-	250			250
City Wide	3541655001	Program Yard Capital Renewal	300	-	-	300	-	-	-	300			300
11	3541641402	MTC-CNG – Facility Upgrades	1,309	-	-	1,309	-	300	1,009	-			-
City Wide	3541441401	Provincial Offences Administration Offices	9,000	-	-	9,000	-	-	9,000	-			-
Sub-Total Corporate Facilities			16,202	0	350	15,852	0	1,260	10,009	4,583	0	0	4,583
<u>Recreation Facilities</u>													
8	7101554507	Chedoke Arena Roof	600	-	-	600	-	-	-	600			600
City Wide	7101654536	Program - Arena Retrofits	800	-	-	800	-	-	-	800			800
City Wide	7101654601	Ice Plant Freon Upgrades	500	-	-	500	-	-	500	-			-
14, 15	7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	550	183	-	367	-	-	-	367			367
13	7101654613	Westoby (Olympic) Arena Roof	550	250	-	300	-	-	-	300			300
6	7101649601	Bernie Arbour Stadium - Upgrades	150	-	-	150	-	-	-	150			150
11	7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,030	541	-	489	-	-	-	489			489

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

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			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	
										Tax	Dividends	Levy	Debt
<u>Recreation Facilities</u>													
6	7101654612	Bobby Kerr & Trenholme Park Washroom Facilities	850	-	-	850	-	250	-	600		600	
12	7101641601	Ancaster Aquatic Centre Refurbishment	458	458	-	-	-	-	-	-			
City Wide	7101654702	Program - Facility Capital Maintenance	395	-	-	395	-	-	100	295		295	
City Wide	3541655100	Recreation Facilities Audit Program	80	-	-	80	-	-	-	80		80	
City Wide	7101641701	Program - Community Halls Retrofits	450	-	-	450	-	-	-	450		450	
14	7101254214	Freelton Park Washroom and Outdoor Ice Rink	700	-	-	700	600	-	-	100		100	
City Wide	7101654105	Program - Park & Fieldhouse Retrofits	844	-	-	844	-	444	-	400		400	
8	7101654608	William Schwenger Park Washroom Facility	500	-	-	500	450	-	-	50		50	
8	7101654802	William Connell Park Washroom Facility	960	-	-	960	800	-	-	160		160	
City Wide	7101655501	Recreation Studies	150	-	-	150	-	-	-	150		150	
City Wide	7101451002	Recreation Centres WIFI	39	-	-	39	-	-	-	39		39	
City Wide	7101641706	Program - Recreation Centre Retrofits	400	-	-	400	-	-	400	-			
3	7101649602	Scott Park Precinct Ice Pad & Spray Pad Installation	1,000	-	300	700	-	700	-	-			
14	7101654603	Beverly Recreation Centre/School	400	-	-	400	220	180	-	-			
14	7101654609	Greensville Recreation Centre/School	1,800	-	-	1,800	259	400	1,141	-			
3	7101654700	Pinky Lewis Recreation Centre Expansion Project	1,402	-	-	1,402	-	-	1,402	-			
City Wide	7101657601	Class Software Licensing Fees	70	-	-	70	-	-	-	70		70	
Sub-Total Recreation Facilities			14,678	1,432	300	12,946	2,329	1,974	3,543	5,100	0	5,100	0
<u>Entertainment Facilities</u>													
2	3721641803	Hamilton Place Replacements and Renovations	200	-	-	200	-	200	-	-			
2	3721641805	Program HCC, HP & FOC Lifecycle Renewal	800	-	-	800	-	-	-	800		800	
Sub-Total Entertainment Facilities			1,000	0	0	1,000	0	200	0	800	0	0	800
<u>Fleet Services</u>													
City Wide	4941651001	Shop Equipment Replacement	160	-	-	160	-	160	-	-			
City Wide	4941451003	Restoration of Municipal Fleet Fuel Sites	860	-	-	860	-	610	250	-			
City Wide	4941451004	Street Sweeper Purchase	650	-	-	650	-	650	-	-			
City Wide	4941651100	Fleet Vehicle & Equipment Replace Program	7,511	-	-	7,511	-	7,511	-	-			
Sub-Total Fleet Services			9,181	0	0	9,181	0	8,931	250	0	0	0	0
<u>Forestry & Horticulture</u>													
6	4451651601	Ward 6 Traffic Island Conversions	92	-	-	92	-	92	-	-			
City Wide	4451451004	Gage Park Tropical House	1,345	-	-	1,345	-	-	-	1,345		1,345	
City Wide	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Opt	2,600	-	-	2,600	-	-	-	2,600		2,600	
City Wide	4451653444	Tree Planting Program	1,345	-	-	1,345	-	-	1,345	-			
Sub-Total Forestry & Horticulture			5,382	0	0	5,382	0	92	1,345	3,945	0	0	3,945

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			Costs	Subsidies	Revenues	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	
											Tax	Dividends	Levy	Debt
<u>O & M - Parks & Cemeteries</u>														
City Wide	4401649103	Bocce Court Rehab Program	40	-	-	40	-	-	-	40				40
City Wide	4401549503	Cemetery Development	50	-	-	50	-	-	-	50				50
City Wide	4401649007	Cemetery Columbarium	50	-	-	50	-	50	-	-				
City Wide	4401641001	Cemetery Building Repairs	80	-	-	80	-	-	-	80				80
City Wide	4401649107	Park Fencing Program	100	-	-	100	-	-	-	100		100		
City Wide	4401649104	Park Sports/Security Lighting Upgrade Program	30	-	-	30	-	-	-	30				30
City Wide	4401649510	Spraypad Infrastructure Rehabilitation Program	50	-	-	50	-	-	-	50		50		
City Wide	4401649008	Extreme Park Makeover Program	20	-	-	20	-	-	-	20				20
City Wide	4401652600	Playground Lifecycle Replacement Program	200	-	-	200	-	-	-	200		200		
City Wide	4401656001	Leashfree Dog Park Program	30	-	-	30	-	30	-	-				
City Wide	4401651601	Equipment Acquisition (DC) Program	247	-	-	247	247	-	-	-				
City Wide	4401649101	Park Pathway Resurfacing Program	200	-	-	200	-	-	-	200		200		
City Wide	4401652100	CSA Safety Material Replacement Program	100	-	-	100	-	-	-	100		100		
City Wide	4401611601	Cemetery Roads Rehabilitation Program	95	-	-	95	-	-	-	95				95
City Wide	4401649612	Cemetery ID Sign Program	50	-	-	50	-	-	-	50				50
City Wide	4401649102	Sports Field Rehab Program	80	-	-	80	-	-	-	80				80
City Wide	4401649607	Outdoor Ice Rink Program	50	-	-	50	-	-	-	50				50
City Wide	4401649610	Park Bleacher Replacement Program	50	-	-	50	-	-	-	50				50
City Wide	4401654699	Tennis Court Rehabilitation Program	70	-	-	70	-	-	-	70				70
Sub-Total O & M - Parks & Cemeteries			1,592	0	0	1,592	247	80	0	1,265	0	650	615	0
<u>Open Space Development</u>														
2	4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,052	-	595	457	-	-	278	179				179
12	4401256613	Ancaster Community Centre Ball Diamond Lighting	425	-	-	425	50	-	-	375				375
15	4400756755	Joe Sam's Leisure Park	800	-	-	800	388	-	-	412				412
2	4401356002	Beasley Park Rehabilitation	75	-	-	75	-	-	75	-				
10	4401356107	Cherry Beach Lakefront Park & Acquisition & Shoreline Protection	3,330	-	-	3,330	-	1,666	1,664	-				
8	4401356124	William Connell Community Park	3,800	-	-	3,800	400	3,160	-	240				240
2	4401356411	Durand Park Master Plan	100	-	100	-	-	-	-	-				
12	4401556500	Meadowlands Park Phase 8 & 10	500	-	-	500	124	-	-	376				376
6	4401556506	Vincent Massey Park Development	544	-	-	544	-	-	21	523				523
11	4401556512	Glanbrook Hills Park (Proposed)	695	-	-	695	625	-	-	70				70
5	4401556513	Riverdale East Park (Oaklands) Spray Pad	450	-	-	450	-	450	-	-				
4	4401556514	St. Christopher's Park	170	-	-	170	-	170	-	-				
8	4401556516	Carpenter Park Redevelopment (Paradise Meadows Subdivision)	69	-	-	69	-	-	-	69				69

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		Costs	Subsidies	Revenues	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt	
										Tax	Dividends	Levy		
<i>Open Space Development</i>														
City Wide	4401655600	Parks Testing and Reporting	50	-	-	50	-	-	-	50			50	
6	4401656601	Bobolink Replacement Habitat	100	-	-	100	-	-	49	51			51	
11	4401656602	Summerlea East and West Trail	175	-	-	175	-	-	102	73			73	
7	4401656603	Sam Lawrence Park	170	-	-	170	-	-	-	170			170	
5	4401656604	St. Christopher's School	300	-	-	300	-	300	-	-			-	
7	4401656610	Turner Park Ball Field Irrigation	100	-	-	100	-	-	-	100			100	
5	4401656802	Beach Park Development Program	100	-	-	100	-	100	-	-			-	
City Wide	4401649620	Wild Waterworks - Creation of a Master Plan for the Waterpark	200	-	-	200	-	200	-	-			-	
11	4401456009	Mount Hope Park Development	300	-	-	300	-	-	81	219			219	
3, 4	4241409341	W4 Pipeline Trail	200	-	-	200	-	200	-	-			-	
15	4401356541	Borers Creek Trail Link	510	-	-	510	180	-	-	330			330	
City Wide	4401556504	Trails Master Plan Programming	211	-	-	211	-	-	121	90			90	
5	4401656613	RHV Trails Master Plan - The Turtle	154	-	-	154	-	-	154	-			-	
4	4401656615	McQuesten Urban Fitness Trail	70	-	-	70	-	70	-	-			-	
4	4401256892	Crown Point East Park Development	100	-	-	100	-	-	100	-			-	
Sub-Total Open Space Development			14,750	0	695	14,055	1,767	6,316	2,645	3,327	0	0	3,327	0

Roads

Council Priority

6	4031611016	Asset Preservation - Berrisfield Neighbourhood (South Section)	2,000	-	-	2,000	-	-	-	2,000	1,800		200
12	4031611016	Asset Preservation - Scenic Woods Neighbourhood	2,610	-	-	2,610	-	-	-	2,610	2,349		261
10	4031611016	Asset Preservation - South Meadow Neighbourhood	3,040	-	-	3,040	-	-	-	3,040	2,736		304
9	4031611016	Asset Preservation - Stoney Creek Neighbourhood (South)	850	-	-	850	-	-	-	850	765		85
1	4031611601	Council Priority - Ward 1 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
2	4031611602	Council Priority - Ward 2 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
3	4031611603	Council Priority - Ward 3 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
4	4031611604	Council Priority - Ward 4 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
5	4031611605	Council Priority - Ward 5 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
6	4031611606	Council Priority - Ward 6 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
7	4031611607	Council Priority - Ward 7 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
8	4031611608	Council Priority - Ward 8 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
9	4031611609	Council Priority - Ward 9 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
10	4031611610	Council Priority - Ward 10 Minor Rehabilitation	633	-	-	633	-	-	-	633		295	338
11	4031611611	Council Priority - Ward 11 Minor Rehabilitation	633	-	-	633	-	-	-	633		290	343
12	4031611612	Council Priority - Ward 12 Minor Rehabilitation	633	-	-	633	-	-	-	633		290	343
13	4031611613	Council Priority - Ward 13 Minor Rehabilitation	633	-	-	633	-	-	-	633		290	343

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues							Financing Sources				
			Gross	External		Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Revenues	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	
											Tax	Dividends	Levy	
													Debt	
<u>Roads</u>														
<u>Council Priority</u>														
14	4031611614	Council Priority - Ward 14 Minor Rehabilitation	633	-	-	633	-	-	-	633		290	343	
15	4031611615	Council Priority - Ward 15 Minor Rehabilitation	633	-	-	633	-	-	-	633		290	343	
6, 9	4031619669	Winterberry Drive, Mud St/LINC to Old Mud St	130	-	-	130	-	65	65	-				
<u>Development Engineering-Growth Related Projects</u>														
15	4031280288	Burke St/Mountain Brow Road - Waterdown	2,160	-	-	2,160	1,836	-	-	324			324	
15	4031380390	East-West Road Corridor (Waterdown By-Pass)	7,510	-	-	7,510	7,130	-	-	380			380	
11	4031580584	Nebo - Rymal to Twenty	100	-	-	100	85	-	-	15			15	
9, 11	4031580589	Rymal - Fletcher to Upper Centennial	110	-	-	110	90	-	-	20			20	
City Wide	4031680582	Development Road Urbanization	500	-	-	500	476	-	-	24			24	
11	4031680680	Garth Street Extension Class EA	280	-	-	280	280	-	-	-				
12	4031680681	Garner Rd - Hwy 2 / Wilson to e/o Fiddlers	1,870	-	-	1,870	1,590	-	-	280			280	
9	4031680684	Upper Mount Albion - Stone Church to Rymal	2,750	-	-	2,750	2,330	-	-	420			420	
6	4031680685	RHBP - Dartnall - Stone Church to Rymal	600	-	-	600	510	-	-	90			90	
<u>Rehabilitation Program</u>														
4	4031411016	Asset Preservation - Delta East Neighbourhood	400	-	-	400	-	-	-	400	360		40	
2	4031420622	North End Traffic Management Plan (NETMP)	230	-	-	230	-	230	-	-				
8	4031511015	Rice - Chedmac to Mohawk & Sanatorium - Rice to W33rd	470	-	-	470	-	-	-	470	423		47	
13	4031611015	Governors - Ogilvie to Creighton	900	-	-	900	-	90	-	810	810			
15	4031611015	Hamilton - Dundas to Rockhaven	540	-	-	540	-	-	540	-				
1	4031611015	Main St W - West Park to Cootes	760	-	-	760	-	-	-	760	684		76	
15	4031611015	Milborough Line - Carlisle Rd / Kilbride St to Derry Rd	200	-	-	200	-	-	-	200			200	
9	4031611015	Mountain Ave - Jones to Lake Ave & Gemma	590	-	-	590	-	30	260	300	300			
5	4031611015	Queenston - Pottruff to Signalized Access to Eastgate	1,550	-	-	1,550	-	155	-	1,395	1,395			
12	4031611015	Wilson - Seminole to Fiddlers Green	700	-	-	700	-	-	-	700	630		70	
11, 12, 14, 15	4031617677	Preventative Maintenance Program	2,000	-	-	2,000	-	-	-	2,000	1,800		200	
6, 7	4241609601	Area Rating - Mohawk - Upper Sherman to Upper Gage	680	-	-	680	-	680	-	-				
6	4241609602	Area Rating - Mohawk - Upper Gage to Upper Ottawa	880	-	-	880	-	880	-	-				
<u>Replacement Program</u>														
7	4031419101	Upper Sherman - Stone Church to LINC	2,800	-	-	2,800	1,500	30	960	310	310			
8	4031519101	Rymal - Upper Paradise to Garth	4,660	-	-	4,660	2,330	70	1,620	640	640			
7	4031519101	Upper Sherman - Rymal to Stone Church	500	-	-	500	300	-	-	200			200	
City Wide	4031610006	Minor Construction Program	300	-	-	300	-	-	-	300			300	
City Wide	4031611222	New Sidewalk Program	480	-	-	480	456	-	-	24			24	
City Wide	4031611225	Geotechnical Investigation Program	200	-	-	200	-	-	-	200	180		20	
City Wide	4031614405	Contaminated Soil & Rock Disposal Program	250	-	-	250	-	-	-	250	225		25	

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues							Financing Sources				
			Gross	External		Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Revenues	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	
											Tax	Dividends	Levy	Debt
Replacement Program														
2, 3	4031617642	Sherman Access Retaining Wall Replacement	800	-	-	800	-	-	-	800	720			80
1	4031619101	Bowman - South End to Willowcrest & Ainslie - Emerson to East End	970	-	-	970	-	-	370	600	540			60
6	4031619101	Mohawk - Upper Ottawa to Upper Kenilworth	100	-	-	100	-	10	-	90	90			
8	4031619101	West 35th - Scenic to end	760	-	-	760	-	-	310	450	405			45
12	4031619101	Wilson - Hamilton to Seminole	100	-	-	100	-	-	-	100				100
3	4031619101	Wilson - Wentworth to Sherman	100	-	-	100	-	-	-	100				100
4	4031619102	Britannia / Oriole / Adair / Glassco	3,100	-	-	3,100	-	2,350	750	-				
14	4031619104	Highway 8 - Hillcrest to Park	230	-	-	230	-	-	230	-				
City Wide	4031649555	QA-QC Service Contract Program	150	-	-	150	-	-	-	150	135			15
Bridges & Structures														
14	4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	1,610	-	-	1,610	-	-	-	1,610	1,449			161
15	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	100	-	-	100	-	-	-	100	90			10
14	4031418422	Bridge 025 - Lynden Rd, 650m n/o Highway No. 5	150	-	-	150	-	-	-	150	135			15
14	4031418425	Bridge 450 - Highway No. 5, 150m w/o Hunter Rd	100	-	-	100	-	-	-	100	90			10
13	4031418426	Bridge 088 - Mill St, 80m w/o Wellington St S	100	-	-	100	-	-	-	100	90			10
11	4031418437	Bridge 417 - Harrison Rd, 310m n/o Hall Rd	100	-	-	100	-	-	-	100	90			10
11, 12	4031418438	Bridge 397 - Glanaster Rd, 325m s/o Butter Rd	100	-	-	100	-	-	-	100	90			10
11	4031418447	Bridge 447 - Bell Rd, 475m w/o Berry Rd	100	-	-	100	-	-	-	100	90			10
1	4031518275	Bridge 275 - York Blvd, 105m n/o Valley Inn Rd	2,300	-	-	2,300	-	-	-	2,300	2,070			230
15	4031518347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	150	-	-	150	-	-	-	150	135			15
11	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	100	-	-	100	-	-	-	100	90			10
11	4031518403	Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	100	-	-	100	-	-	-	100	90			10
11	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	100	-	-	100	-	-	-	100	90			10
14	4031518409	Bridge 409 - Regional Rd 97, 230m e/o Valens	100	-	-	100	-	-	-	100	90			10
13	4031618090	Bridge 090 - McMurray St, 100m s/o of Hatt St	100	-	-	100	-	-	-	100	90			10
14	4031618108	Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	50	-	-	50	-	-	-	50	45			5
City Wide	4031618217	Bridge and Culvert Maintenance	2,364	-	-	2,364	-	-	-	2,364				2,364
3	4031618330	Bridge 330 - Birch Ave, 75m s/o Burlington St E	100	-	-	100	-	-	-	100	90			10
3	4031618332	Bridge 332 - Birch Ave, 95m n/o Princess St	100	-	-	100	-	-	-	100	90			10
11	4031618355	Bridge 355 - White Church Rd, 130m e/o Miles Rd	100	-	-	100	-	-	-	100	90			10
14	4031618385	Bridge 385 - Westover Rd, 170m n/o Concession 4W	50	-	-	50	-	-	-	50	45			5
Road Operations & Maintenance														
City Wide	4031610005	Major Road Maintenance Program	700	-	-	700	-	-	-	700				700
City Wide	4031610012	Railway Roadway Crossings Rehabilitation Program	150	-	-	150	-	-	-	150				150
City Wide	4031610014	Railway Roadway Crossings Safety Improvements	100	-	-	100	-	-	-	100				100
City Wide	4031611223	Semi Barrier Rehabilitation Program	200	-	-	200	-	-	-	200				200

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues							Financing Sources				
			Gross	External		Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Revenues	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt
											Tax	Dividends	Levy	
Road Operations & Maintenance														
City Wide	4031611224	Sidewalk Rehabilitation Program	500	-	-	500	-	-	-	500				500
City Wide	4031617241	Fencing Rehabilitation/Replacement within the Road Allowance	50	-	-	50	-	-	-	50				50
City Wide	4031641762	Yard Facility Maintenance and Improvement Program	250	-	-	250	-	-	-	250				250
City Wide	4031651410	Roads - Small Equipment Replacement	50	-	-	50	-	50	-	-				
City Wide	4031651620	Road Operations and Maintenance Fleet Replacement	500	-	-	500	-	-	-	500				500
City Wide	4041610004	Escarpment Slope Stabilization Program	300	-	-	300	-	-	-	300				300
City Wide	4041610417	Retaining Wall Rehabilitation Program	700	-	-	700	-	-	-	700				700
City Wide	4041617384	Guide Rail Replacement Program	400	-	-	400	-	-	-	400				400
City Wide	4041649352	Sound Barrier Rehabilitation Program	50	-	-	50	-	-	-	50				50
Traffic Signals														
8, 12, 15	4661620008	New Traffic Signal Installation Program	2,380	-	-	2,380	750	-	-	1,630				1,630
City Wide	4661620010	Traffic Signal Modernization & Upgrades Program	300	-	-	300	286	-	-	14				14
City Wide	4661620017	Traffic Signal LED Lighting Upgrade Program	400	-	-	400	-	-	-	400				400
9	4661620053	New Traffic Signal - Rymal Rd and Second Rd West	150	-	-	150	-	150	-	-				
City Wide	4661620522	Traffic Engineering - Signal Design	300	-	-	300	-	-	-	300				300
3, 4, 5, 15	4661620525	IPS - Intersection Pedestrian Signal	550	-	-	550	-	-	-	550				550
City Wide	4661620531	APS - Accessible Pedestrian Signals	150	-	-	150	-	-	-	150		150		
City Wide	4661620540	Traffic Signal Modernization Coordinated with Engineering Services	1,230	-	-	1,230	-	-	-	1,230	1,107			123
15	4661620550	Hwy 6 Signal - Concession 5 West and Hwy 6 East	1,500	-	-	1,500	-	-	100	1,400				1,400
Street Lights														
City Wide	4041610016	Street Lighting Enhancement Program	2,000	-	-	2,000	1,900	-	-	100				100
City Wide	4041610017	Street Lighting Maintenance Program	350	-	-	350	-	-	-	350				350
City Wide	4041610018	Low-Wattage Street Lighting LED Replacement	3,200	3,200	-	-	-	-	-	-				-
Roads' Projects - Other														
City Wide	4031455556	Mapping Update Program	70	-	-	70	-	-	-	70				70
12	4031517522	Shaver Road Yard Drainage Rehabilitation	100	-	-	100	-	-	-	100				100
City Wide	4031555215	Highway 403 Ramp Studies	320	-	-	320	-	-	-	320				320
City Wide	4031615820	Traffic Counts Program	150	-	-	150	-	-	-	150				150
City Wide	4031618218	OSIM Bridge and Culvert Inspections	220	-	-	220	-	-	-	220	198			22
City Wide	4031618219	Structural Investigations and Reports	400	-	-	400	-	-	-	400	360			40
4	4031641660	Brampton Yard - Salt Dome Rehabilitation	150	-	-	150	-	-	-	150				150
City Wide	4031655522	State of the Infrastructure - Asset Management	300	-	-	300	-	-	-	300	270			30
City Wide	4031655622	Active Transportation Benchmarking	30	-	-	30	-	-	-	30				30
City Wide	4031655641	Cordon Count Project	110	-	-	110	-	-	-	110				110
3	4031655642	Victoria Ave N - One-way to Two-way Traffic Conversion	330	-	-	330	-	-	-	330	297			33
City Wide	4031655643	Area Specific Transportation Management Plans	350	-	-	350	-	-	-	350				350

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
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			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From		
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating		
										Tax	Dividends	Levy	Debt	
Roads' Projects - Other														
City Wide	4031655820	Transportation Demand Management & Smart Commute	390	100	-	290	-	-	150	140			140	
City Wide	4031655940	Transportation Tomorrow Survey	40	-	-	40	-	-	-	40			40	
City Wide	4041617124	Bicycle Route Improvements Program	930	-	-	930	-	-	630	300			300	
City Wide	4661620001	ATMS – Advanced Traffic Management System	1,750	-	-	1,750	-	-	-	1,750			1,750	
City Wide	4661620019	Traffic Controller Replacement Program	600	-	-	600	-	-	-	600			600	
2	4661620630	Two Way Road Conversion	740	-	-	740	-	-	-	740			740	
Sub-Total Roads			90,919	3,300	0	87,619	21,849	4,790	5,985	54,995	24,668	4,550	23,777	2,000
Transit Services														
City Wide	5301583501	Transit Hybrid Bus Battery Replacement	420	-	-	420	-	420	-	-				
City Wide	5301585502	Transit Shelter Expansion Project	300	-	-	300	-	300	-	-				
City Wide	5301684503	Security Cameras on Buses	1,700	1,700	-	-	-	-	-	-				
City Wide	5301683002	Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement	3,700	-	-	3,700	-	-	-	3,700	3,000		700	
City Wide	5301683100	HSR Bus Replacement Program	9,990	-	-	9,990	-	9,990	-	-				
City Wide	5301683503	Nonrevenue Vehicle Replace Program	127	-	-	127	-	127	-	-				
City Wide	5311682100	ATS - Vehicle Replacement Program	1,997	-	-	1,997	-	1,997	-	-				
Sub-Total Transit Services			18,234	1,700	0	16,534	0	12,834	0	3,700	3,000	0	700	0
Waste Management														
City Wide	5121551700	MRF Equipment Upgrades	250	-	-	250	-	250	-	-				
City Wide	5121551502	New Driver/Vehicle Technology	100	-	-	100	-	-	-	100				100
City Wide	5121555010	2020 Waste System Planning	150	-	-	150	-	-	-	150				150
City Wide	5120991101	Glanbrook Landfill-Stage 3 Development	250	-	-	250	-	-	-	250				250
City Wide	5121691000	Glanbrook Landfill Capital Improvement Program	275	-	-	275	-	-	175	100				100
City Wide	5121692000	Closed Landfill Maintenance & Capital Improvement Program	290	-	-	290	-	-	290	-				-
2	5121692001	Central Park Remediation	500	-	-	500	-	-	500	-				-
City Wide	5121655137	Waste Management R & D Program	190	-	-	190	-	-	-	190				190
City Wide	5121695525	SWMMP - Planning & Approvals Program	90	-	-	90	-	-	-	90				90
City Wide	5121494002	Transfer Station Door Replacement	250	-	-	250	-	-	-	250				250
City Wide	5121594511	Transfer Station/CRC Expansion & Capital Replacement	100	-	-	100	-	-	-	100				100
City Wide	5121693000	Maintenance & Capital Improvements to the Resource Recovery Centre	50	-	-	50	-	-	-	50				50
City Wide	5121694000	Transfer Station/CRC Maintenance & Capital Improvement Program	140	-	-	140	-	-	-	140				140
Sub-Total Waste Management			2,635	0	0	2,635	0	250	965	1,420	0	0	0	1,420

2016 PRELIMINARY TAX CAPITAL BUDGET & FINANCING PLAN (0.5% CAPITAL LEVY TAX INCREASE)
(\$ 000's)

			Project Specific Revenues							Financing Sources			
			Gross	External	Net	Dev.	From	Internal	Funding	Federal	Reserves	From	
			Costs	Subsidies	Costs	Charges	Reserves	Revenues	Required	Gas	Future Fund	Operating	Debt
										Tax	Dividends	Levy	
<i>West Harbour & Waterfront Strategic Initiatives</i>													
2	4411506107	Pier 5-7 Marina Shoreline Rehab	1,275	-	-	1,275	-	-	-	1,275	1,148		127
2	4411506109	West Harbour Site Remediation	1,200	-	-	1,200	-	-	-	1,200	1,080		120
2	4411606001	CHH Site Servicing Study	120	-	-	120	-	-	-	120			120
2	4411606002	Real Estate Disposition Process	260	-	-	260	-	-	-	260		260	
2	4411606003	Community Engagement Imp.	260	-	-	260	-	-	-	260		260	
2	4411606004	Marketing Communication Imp.	230	-	-	230	-	-	-	230		230	
2	4411606101	Pier 6-8 Servicing Design	1,090	-	-	1,090	-	-	-	1,090			1,090
2	4411606102	Pier 5-7 Boardwalk	150	-	-	150	-	-	-	150			150
2	4411606103	Pier 6 Artisan Village (CAN150)	170	-	-	170	-	-	-	170			170
2	4411606104	Pier 7 Commercial Village	350	-	-	350	-	-	-	350			350
2	4411606105	Pier 8 Shorewall	1,175	-	-	1,175	-	-	-	1,175	1,057	118	
2	4411606106	Pier 8 Promenade	175	-	-	175	-	-	-	175			175
2	4411606111	Bayfront Park Beach Rehab	550	-	-	550	-	-	-	550	495		55
2	4411606201	Bar-Tiff Site Remediation	350	-	-	350	-	-	-	350	168		182
2	4411606202	Bar-Tiff Site Servicing Study	120	-	-	120	-	-	-	120		120	
<i>Sub-Total West Harbour & Waterfront Strategic Initiatives</i>			7,475	0	0	7,475	0	0	0	7,475	3,948	988	539 2,000
<i>Total Public Works Tax</i>			182,048	6,432	1,345	174,271	26,192	36,727	24,742	86,610	31,616	11,288	38,286 5,420
<i>GRAND TOTAL</i>			216,685	6,780	1,345	208,560	32,002	48,110	24,892	103,556	31,616	14,788	48,732 8,420

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Community & Emergency Services</u>					
<u>Community Services - Other Divisions</u>					
6501641100	CES Accomodations	90	90	-	-
Sub-Total Community Services - Other Divisions		90	90	-	-
<u>Hamilton Fire Department</u>					
7401651601	Annual Fire Vehicle Replacement	4,595	0	-	-
7401651600	Annual Fire Equipment Replacement	635	0	-	-
Sub-Total Hamilton Fire Department		5,230	0	-	-
<u>Hamilton Paramedic Service</u>					
7641651100	Annual Paramedic Service Vehicle Replacement	722	0	-	-
7641551103	New Ambulances 2015 & 2016	508	508	-	-
7641651101	Annual Paramedic Service Equipment Replacement	220	0	-	-
Sub-Total Hamilton Paramedic Service		1,450	508	-	-
<u>Housing Services</u>					
6731641302	Social Housing Capital Repairs and Regeneration-Block Portion	1,500	1,500	-	-
Sub-Total Housing Services		1,500	1,500	-	-
<u>Long Term Care Homes</u>					
6301651603	Macassa and Wentworth Lodge - Lighting	720	720	-	-
6301341301	Macassa Lodge - Replacements and Refurbishments	600	600	-	-
6301551508	Macassa Lodge - Call Bell System	500	0	-	-
6301641501	Wentworth Lodge - Tubroom Renovations	140	140	-	-
6301651304	Macassa Lodge & Wentworth Lodge - Lift Replacement	100	100	-	-
6301451407	Macassa and Wentworth Lodge - Tub and Shower Chair Replacement	30	30	-	-
Sub-Total Long Term Care Homes		2,090	1,590	-	-
Total Community & Emergency Services		10,360	3,688	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u> (\$000's)	<u>Operating Costs</u>	<u>FTE's</u> #
<u>Public Health</u>				
<u>Public Health</u>				
6771557501 PHS Records and Information Management	92	92	-	-
Sub-Total Public Health	92	92	-	-
Total Public Health	92	92	-	-
<u>Planning & Economic Development</u>				
<u>Growth Management</u>				
4141646100 City Share of Servicing Costs under Subdivision Agreements	3,000	0	-	-
Sub-Total Growth Management	3,000	0	-	-
<u>Parking By-Law Services</u>				
4901245100 Repairs to York Boulevard Parkade	1,010	0	-	-
4901445100 Parking Lots - Surface Repairs	100	0	-	-
4901614600 Review of Elevator - York Boulevard Parkade	50	0	-	-
Sub-Total Parking By-Law Services	1,160	0	-	-
<u>Planning - General Manager's Office</u>				
8121655600 AMANDA (Zoning, Condominium, Part Lot Control, Minor Variance, Consent) and Digital Submissions	255	185	-	-
Sub-Total Planning - General Manager's Office	255	185	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Planning & Economic Development</u>					
<u>Planning - Other Divisions</u>					
8121641603	Animal Services Retrofit & Renovations	65	65	-	-
Sub-Total Planning - Other Divisions		65	65	-	-
<u>Planning Services</u>					
8121655602	DC Intensification Study and GRIDS Update	705	70	-	-
8121655601	Barton Tiffany Urban Design Study Implementation	150	15	-	-
8101655600	Comprehensive Zoning By-Law	1,660	694	-	-
8121655606	Site Plan Guidelines Update	200	20	-	-
8121655604	Implementation of the Greater Golden Horseshoe Food and Farming Action Plan	30	30	-	-
8141655600	City Wide Employment Survey	99	10	-	-
8121655608	Parkland Dedication Official Plan Policies and By-Law	420	0	-	-
Sub-Total Planning Services		3,264	839	-	-
<u>Tourism & Culture</u>					
7201658602	Dundurn New Entrance, Stoplight Installation & Parking Lot Improvements	1,030	1,030	-	-
7201658601	Dundurn Small Rooms Restoration	50	50	-	-
7201658600	Collections Registration Preservation Project	25	25	-	-
7201656600	Heritage Inventory and Strategic Priorities	180	180	-	-
7201641602	Rehabilitation of St. Mark's Church - Canada 150 Grant	960	280	-	-
7201658604	Expansion of Griffin House National Historic Site - Canada 150 Grant	205	137	-	-
Sub-Total Tourism & Culture		2,450	1,702	-	-
<u>Urban Renewal</u>					
4401656002	Gore Master Plan	600	600	20.0	-
8201603100	Implementation of the Barton/Kenilworth Commercial Corridor Study	400	400	20.0	-
8201603610	2016 Commercial Property Improvement Grant	400	400	-	-
8201603611	2016 Community Downtowns & BIA	224	224	6.0	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Planning & Economic Development</u>					
<u>Urban Renewal</u>					
8201603510	2016 Commercial Facade Grant	200	200	-	-
8201655802	2016 Comprehensive Way Finding	186	186	9.0	-
4041210017	Downtown Outdoor Lighting Upgrades	100	100	-	-
8201641800	2016 Heritage Property Improvement Grants	100	100	-	-
<i>Sub-Total Urban Renewal</i>		2,210	2,210	55.0	-
<i>Total Planning & Economic Development</i>		12,404	5,001	55.0	-
<u>Outside Boards & Agencies</u>					
<u>CityHousing Hamilton</u>					
6181641602	City Housing Contribution	1,500	1,500	-	-
6181641603	Renovations and /or Repair to Ward 7 CityHousing Units	800	0	-	-
<i>Sub-Total CityHousing Hamilton</i>		2,300	1,500	-	-
<u>H.C.A. & Westfield Heritage Village</u>					
3801656100	Hamilton Conservation Authority Critical and Safety Projects	1,850	1,850	-	-
3801658902	Westfield Heritage Village - Critical and/or Safety Projects	150	150	-	-
<i>Sub-Total H.C.A. & Westfield Heritage Village</i>		2,000	2,000	-	-
<u>Hamilton Beach Rescue (HBRU)</u>					
2861651700	HBRU Renovations & Equipment Purchases	60	0	-	-
<i>Sub-Total Hamilton Beach Rescue (HBRU)</i>		60	0	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Outside Boards & Agencies</u>					
<u>Hamilton Public Library</u>					
7501241200	Binbrook Library Branch New Construction	1,365	0	-	-
<i>Sub-Total Hamilton Public Library</i>		<u>1,365</u>	<u>0</u>	<u>-</u>	<u>-</u>
<i>Total Outside Boards & Agencies</i>		<u>5,725</u>	<u>3,500</u>	<u>-</u>	<u>-</u>
<u>Council Initiatives</u>					
<u>Area Rating Special Capital Reinvestment</u>					
4241609505	Food Centre Pilot Project - Board of Health 15-007	255	0	-	-
3301609100	Ward 1 Capital Reinvestment	100	0	-	-
3301609200	Ward 2 Capital Reinvestment	100	0	-	-
3301609300	Ward 3 Capital Reinvestment	100	0	-	-
3301609400	Ward 4 Capital Reinvestment	100	0	-	-
3301609500	Ward 5 Capital Reinvestment	100	0	-	-
3301609600	Ward 6 Capital Reinvestment	100	0	-	-
3301609700	Ward 7 Capital Reinvestment	100	0	-	-
3301609800	Ward 8 Capital Reinvestment	100	0	-	-
4241609501	Ward 5 - 2016 Mountable Curbs	66	0	-	-
4241609503	CityHousing-Community Room for Youth at Congress Cres	40	0	-	-
4241609504	Purchase 15m by 10m Street Stadia	30	0	-	-
4241609502	Veever's Estate Capital Grant	25	0	-	-
4241609701	Improvements to Inch Park	25	0	-	-
<i>Sub-Total Area Rating Special Capital Reinvestment</i>		<u>1,241</u>	<u>0</u>	<u>-</u>	<u>-</u>

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Council Initiatives</u>					
<u>Council Strategic Projects</u>					
2111656401	Parkland Acquisition	1,500	1,500	-	-
2110953900	Randle Reef Rehabilitation Project	300	300	-	-
Sub-Total Council Strategic Projects		1,800	1,800	-	-
Total Council Initiatives		3,041	1,800	-	-
<u>City Manager</u>					
<u>City Manager</u>					
3381657504	Service Delivery Improvements	150	0	-	-
2051659601	Employee Survey - 2016	200	200	-	-
Sub-Total City Manager		350	200	-	-
Total City Manager		350	200	-	-
<u>Corporate Services</u>					
<u>Finance</u>					
2051580510	DC Exemptions Recovery	2,000	2,000	-	-
Sub-Total Finance		2,000	2,000	-	-
<u>Information Technology (IT)</u>					
3501357302	Common Address Database (on behalf of all Departments)	475	475	-	-
3501357303	Geographic Information Systems (GIS) Upgrades-Enterprise Wide Project	90	90	-	-
3501657602	IT Security	100	100	-	-
Sub-Total Information Technology (IT)		665	665	-	-
Total Corporate Services		2,665	2,665	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Corporate Facilities</u>					
3541641409	Program - Facilities Code & Legislative Compliance	880	880	-	-
3541349003	Backflow Prevention for Various Facilities	508	508	-	-
3541641532	Program - Facility Capital Maintenance	700	700	-	-
3541641412	Program - Roof Management	920	920	-	-
3541641910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210	0	-	-
3541655001	Program Yard Capital Renewal	300	300	-	-
3541641402	MTC-CNG – Facility Upgrades	1,309	0	-	-
3541641648	Program - Parking Lot Rehabilitation	250	250	-	-
3541641013	Program - Firestations Facility Upgrade	200	200	-	-
3541441401	Provincial Offences Administration Offices	9,000	0	-	-
3541641631	Program - Facilities Security	150	150	-	-
3541641010	Program - Facility Upgrades to Hamilton Public Libraries	200	200	-	-
3541641638	Overhead Door Replacement Program	100	100	-	-
3541655100	Corporate Facilities Audit Program	100	100	-	-
3541657001	Archibus - Facility Maintenance Management System Upgrade	100	100	-	-
3541641602	Ancaster Memorial Arts & Culture Centre	1,200	100	-	-
3541641601	Animal Control Facility Design and Repairs	75	75	-	-
<i>Sub-Total Corporate Facilities</i>		16,202	4,583	-	-
<u>Entertainment Facilities</u>					
3721641805	Program HCC, HP & FOC Lifecycle Renewal	800	800	-	-
3721641803	Hamilton Place Replacements and Renovations	200	0	-	-
<i>Sub-Total Entertainment Facilities</i>		1,000	800	-	-
<u>Fleet Services</u>					
4941451004	Street Sweeper Purchase	650	0	-	-
4941651001	Shop Equipment Replacement	160	0	-	-
4941451003	Restoration of Municipal Fleet Fuel Sites	860	0	-	-

**2016 Proposed Tax Capital Projects
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			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Fleet Services</u>					
4941651100	Fleet Vehicle&Equipment Replace Program	7,511	0	-	-
Sub-Total Fleet Services		9,181	0	-	-
<u>Forestry & Horticulture</u>					
4451653444	Tree Planting Program	1,345	0	-	-
4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Option 1)	2,600	2,600	-	-
4451451004	Gage Park Tropical House	1,345	1,345	10.2	0.3
4451651601	Ward 6 Traffic Island Conversions	92	0	27.0	0.3
Sub-Total Forestry & Horticulture		5,382	3,945	37.2	0.7
<u>O & M - Parks & Cemeteries</u>					
4401549503	Cemetery Development	50	50	-	-
4401649007	Cemetery Columbarium	50	0	15.0	0.4
4401651601	Equipment Acquisition (DC) Program	247	0	-	-
4401641001	Cemetery Building Repairs	80	80	-	-
4401652600	Playground Lifecycle Replacement Program	200	200	-	-
4401652100	CSA Safety Material Replacement Program	100	100	-	-
4401649101	Park Pathway Resurfacing Program	200	200	2.0	-
4401649107	Park Fencing Program	100	100	-	-
4401649610	Park Bleacher Replacement Program	50	50	-	-
4401649103	Bocce Court Rehab Program	40	40	-	-
4401611601	Cemetery Roads Rehabilitation Program	95	95	-	-
4401649510	Spraypad Infrastructure Rehabilitation Program	50	50	-	-
4401649607	Outdoor Ice Rink Program	50	50	-	-
4401649104	Park Sports/Security Lighting Upgrade Program	30	30	-	-
4401649612	Cemetery ID Sign Program	50	50	-	-
4401649008	Extreme Park Makeover Program	20	20	-	-
4401656001	Leashfree Dog Park Program	30	0	-	-

**2016 Proposed Tax Capital Projects
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		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>O & M - Parks & Cemeteries</u>					
4401649102	Sports Field Rehab Program	80	80	-	-
4401654699	Tennis Court Rehabilitation Program	70	70	-	-
Sub-Total O & M - Parks & Cemeteries		1,592	1,265	17.0	0.4
<u>Open Space Development</u>					
4401656601	Bobolink Replacement Habitat	100	51	-	-
4401656602	Summerlea East and West Trail	175	73	15.0	-
4401655600	Parks Testing and Reporting	50	50	-	-
4401356107	Cherry Beach Lakefront Park & Acquisition & Shoreline Protection	3,330	0	37.0	0.3
4401656603	Sam Lawrence Park	170	170	-	-
4401656613	RHV Trails Master Plan - The Turtle	154	0	10.0	-
4401356124	William Connell Community Park	3,800	240	250.0	4.3
4401556504	Trails Master Plan Programming	211	90	12.0	-
4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,052	179	-	-
4241409341	W4 Pipeline Trail	200	0	3.0	-
4401356411	Durand Park Master Plan	100	0	-	-
4400756755	Joe Sams Leisure Park	800	412	13.0	-
4401656802	Beach Park Development Program	100	0	2.0	-
4401556506	Vincent Massey Park Development	544	523	35.0	-
4401556500	Meadowlands Park Phase 8 & 10	500	376	87.0	0.6
4401556513	Riverdale East Park (Oaklands) Spray Pad	450	0	-	-
4401556514	St. Christopher's Park	170	0	-	-
4401656610	Turner Park Ball Field Irrigation	100	100	2.0	-
4401556516	Carpenter Park Redevelopment (Paradise Meadows Subdivision)	69	69	-	-
4401356541	Borers Creek Trail Link	510	330	-	-
4401256613	Ancaster Community Centre Ball Diamond Lighting	425	375	13.0	-
4401656615	McQuesten Urban Fitness Trail	70	0	-	-
4401556512	Glanbrook Hills Park (Proposed)	695	70	35.0	0.3
4401656604	St. Christopher's School	300	0	-	-

**2016 Proposed Tax Capital Projects
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		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Open Space Development</u>					
4401456009	Mount Hope Park Development	300	219	5.0	-
4401256892	Crown Point East Park Development	100	0	-	-
4401356002	Beasley Park Rehabilitation	75	0	-	-
4401649620	Confederation Park - Wild Waterworks - Creation of a Master Plan for the Waterpark - HCA Lead	200	0	-	-
<u>Sub-Total Open Space Development</u>		<u>14,750</u>	<u>3,327</u>	<u>519.0</u>	<u>5.6</u>
<u>Recreation Facilities</u>					
7101654702	Program - Facility Capital Maintenance	395	295	-	-
7101554507	Chedoke Arena Roof	600	600	-	-
7101655501	Recreation Studies	150	150	-	-
7101451002	Recreation Centres WIFI	39	39	15.0	0.3
7101649602	Scott Park Precinct Ice Pad & Spray Pad Installation	1,000	0	-	-
7101654601	Ice Plant Freon Upgrades	500	0	-	-
7101654536	Program - Arena Retrofits	800	800	-	-
7101641701	Program - Community Halls Retrofits	450	450	-	-
7101641706	Program - Recreation Centre Retrofits	400	0	-	-
7101654105	Program - Park & Fieldhouse Retrofits	844	400	-	-
7101649601	Bernie Arbour Stadium - Upgrades	150	150	-	-
7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	550	367	-	-
7101641601	Ancaster Aquatic Centre Refurbishment	458	0	-	-
7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,030	489	-	-
3541655100	Recreation Facilities Audit Program	80	80	-	-
7101654700	Pinky Lewis Recreation Centre Expansion Project	1,402	0	-	-
7101654802	William Connell Park Washroom Facility	960	160	30.0	-
7101654608	William Schwenger Park Washroom Facility	500	50	30.0	-
7101654613	Westoby (Olympic) Arena Roof	550	300	-	-
7101654612	Bobby Kerr & Trenholme Park Washroom Facilities	850	600	60.0	-
7101654609	Greensville Recreation Centre/School	1,800	0	53.0	-

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			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Recreation Facilities</u>					
7101654603	Beverly Recreation Centre/School	400	0	53.0	-
7101657601	Class Software Licensing Fees	70	70	-	-
7101254214	Freelton Park Washroom and Outdoor Ice Rink	700	100	-	-
Sub-Total Recreation Facilities		14,678	5,100	241.0	0.3
<u>Roads</u>					
4031655820	Transportation Demand Management & Smart Commute	390	140	-	-
4031380390	East-West Road Corridor (Waterdown By-Pass)	7,510	380	170.0	-
4031519101	Rymal - Upper Paradise to Garth	4,660	640	64.0	-
4031619102	Britannia / Oriole / Adair / Glassco	3,100	0	-	-
4031611016	Asset Preservation - South Meadow Neighbourhood	3,040	3,040	-	-
4031419101	Upper Sherman - Stone Church to LINC	2,800	310	33.0	-
4031680684	Upper Mount Albion - Stone Church to Rymal	2,750	420	-	-
4031611016	Asset Preservation - Scenic Woods Neighbourhood	2,610	2,610	-	-
4661620008	New Traffic Signal Installation Program	2,380	1,630	302.0	1.6
4031618217	Bridge and Culvert Maintenance	2,364	2,364	-	-
4031518275	Bridge 275 - York Blvd, 105m n/o Valley Inn Rd	2,300	2,300	-	-
4031280288	Burke St/Mountain Brow Road - Waterdown	2,160	324	-	-
4031611016	Asset Preservation - Berrisfield Neighbourhood (South Section)	2,000	2,000	-	-
4031617677	Preventative Maintenance Program	2,000	2,000	-	-
4041610016	Street Lighting Enhancement Program	2,000	100	-	-
4031680681	Garner Rd - Hwy 2 / Wilson to e/o Fiddlers	1,870	280	-	-
4661620001	ATMS – Advanced Traffic Management System	1,750	1,750	196.0	2.0
4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	1,610	1,610	-	-
4031611015	Queenston - Pottruff to Signalized Access to Eastgate	1,550	1,395	-	-
4661620550	Hwy 6 Signal - Concession 5 West and Hwy 6 East	1,500	1,400	-	-
4661620540	Traffic Signal Modernization Coordinated with Engineering Services	1,230	1,230	-	-
4031619101	Bowman - South End to Willowcrest & Ainslie - Emerson to East End	970	600	-	-
4041617124	Bicycle Route Improvements Program	930	300	-	-

**2016 Proposed Tax Capital Projects
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			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Roads</u>					
4031611015	Governors - Ogilvie to Creighton	900	810	-	-
4241609602	Area Rating - Mohawk - Upper Gage to Upper Ottawa	880	0	-	-
4031611016	Asset Preservation - Stoney Creek Neighbourhood (South)	850	850	-	-
4031617642	Sherman Access Retaining Wall Replacement	800	800	-	-
4031619101	West 35th - Scenic to end	760	450	-	-
4031611015	Main St W - West Park to Cootes	760	760	-	-
4661620630	Two Way Road Conversion	740	740	-	-
4031611015	Wilson - Seminole to Fiddlers Green	700	700	-	-
4031610005	Major Road Maintenance Program	700	700	-	-
4041610417	Retaining Wall Rehabilitation Program	700	700	-	-
4241609601	Area Rating - Mohawk - Upper Sherman to Upper Gage	680	0	-	-
4031611601	Council Priority - Ward 1 Minor Rehabilitation	633	633	-	-
4031611602	Council Priority - Ward 2 Minor Rehabilitation	633	633	-	-
4031611603	Council Priority - Ward 3 Minor Rehabilitation	633	633	-	-
4031611604	Council Priority - Ward 4 Minor Rehabilitation	633	633	-	-
4031611605	Council Priority - Ward 5 Minor Rehabilitation	633	633	-	-
4031611606	Council Priority - Ward 6 Minor Rehabilitation	633	633	-	-
4031611607	Council Priority - Ward 7 Minor Rehabilitation	633	633	-	-
4031611608	Council Priority - Ward 8 Minor Rehabilitation	633	633	-	-
4031611609	Council Priority - Ward 9 Minor Rehabilitation	633	633	-	-
4031611610	Council Priority - Ward 10 Minor Rehabilitation	633	633	-	-
4031611611	Council Priority - Ward 11 Minor Rehabilitation	633	633	-	-
4031611612	Council Priority - Ward 12 Minor Rehabilitation	633	633	-	-
4031611613	Council Priority - Ward 13 Minor Rehabilitation	633	633	-	-
4031611614	Council Priority - Ward 14 Minor Rehabilitation	633	633	-	-
4031611615	Council Priority - Ward 15 Minor Rehabilitation	633	633	-	-
4031680685	RHBP - Dartnall - Stone Church to Rymal	600	90	-	-
4661620019	Traffic Controller Replacement Program	600	600	-	-
4031611015	Mountain Ave - Jones to Lake Ave & Gemma	590	300	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>Operating</u> <u>Costs</u>	<u>FTE's</u>
				(\$000's)	#
<u>Public Works Tax Funded</u>					
<u>Roads</u>					
4661620525	IPS - Intersection Pedestrian Signal	550	550	84.0	0.6
4031611015	Hamilton - Dundas to Rockhaven	540	0	-	-
4031519101	Upper Sherman - Rymal to Stone Church	500	200	-	-
4031611224	Sidewalk Rehabilitation Program	500	500	-	-
4031680582	Development Road Urbanization	500	24	-	-
4031651620	Road Operations and Maintenance Fleet Replacement	500	500	-	-
4031611222	New Sidewalk Program	480	24	-	-
4031511015	Rice - Chedmac to Mohawk & Sanatorium - Rice to W33rd	470	470	-	-
4031411016	Asset Preservation - Delta East Neighbourhood	400	400	-	-
4031618219	Structural Investigations and Reports	400	400	-	-
4041617384	Guide Rail Replacement Program	400	400	-	-
4661620017	Traffic Signal LED Lighting Upgrade Program	400	400	-	-
4041610017	Street Lighting Maintenance Program	350	350	-	-
4031655643	Area Specific Transportation Management Plans	350	350	-	-
4031655642	Victoria Ave N - One-way to Two-way Traffic Conversion	330	330	-	-
4031555215	Highway 403 Ramp Studies	320	320	-	-
4041610004	Escarpment Slope Stabilization Program	300	300	-	-
4661620010	Traffic Signal Modernization & Upgrades Program	300	14	-	-
4031610006	Minor Construction Program	300	300	-	-
4661620522	Traffic Engineering - Signal Design	300	300	98.0	1.0
4031655522	State of the Infrastructure - Asset Management	300	300	-	-
4031680680	Garth Street Extension Class EA	280	0	-	-
4031641762	Yard Facility Maintenance and Improvement Program	250	250	-	-
4031614405	Contaminated Soil & Rock Disposal Program	250	250	-	-
4031420622	North End Traffic Management Plan (NETMP)	230	0	210.0	2.0
4031619104	Highway 8 - Hillcrest to Park	230	0	-	-
4031618218	OSIM Bridge and Culvert Inspections	220	220	-	-
4031611223	Semi Barrier Rehabilitation Program	200	200	-	-
4031611225	Geotechnical Investigation Program	200	200	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross</u> <u>Budget</u>	<u>Net</u> <u>Budget</u>	<u>Operating</u> <u>Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Roads</u>					
4031611015	Milborough Line - Carlisle Rd / Kilbride St to Derry Rd	200	200	-	-
4031418422	Bridge 025 - Lynden Rd, 650m n/o Highway No. 5	150	150	-	-
4031518347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	150	150	-	-
4031610012	Railway Roadway Crossings Rehabilitation Program	150	150	-	-
4031649555	QA-QC Service Contract Program	150	150	-	-
4031615820	Traffic Counts Program	150	150	-	-
4661620531	APS - Accessible Pedestrian Signals	150	150	-	-
4661620053	New Traffic Signal - Rymal Rd and Second Rd West	150	0	21.0	0.2
4031641660	Brampton Yard - Salt Dome Rehabillitation	150	150	-	-
4031619669	Winterberry Drive, Mud St/LINC to Old Mud St	130	0	1.0	-
4031580589	Rymal - Fletcher to Upper Centennial	110	20	-	-
4031655641	Cordon Count Project	110	110	-	-
4031619101	Wilson - Hamilton to Seminole	100	100	-	-
4031619101	Wilson - Wentworth to Sherman	100	100	-	-
4031618332	Bridge 332 - Birch Ave, 95m n/o Princess St	100	100	-	-
4031418438	Bridge 397 - Glancaster Rd, 325m s/o Butter Rd	100	100	-	-
4031418437	Bridge 417 - Harrison Rd, 310m n/o Hall Rd	100	100	-	-
4031418447	Bridge 447 - Bell Rd, 475m w/o Berry Rd	100	100	-	-
4031418425	Bridge 450 - Highway No. 5, 150m w/o Hunter Rd	100	100	-	-
4031418426	Bridge 088 - Mill St, 80m w/o Wellington St S	100	100	-	-
4031618330	Bridge 330 - Birch Ave, 75m s/o Burlington St E	100	100	-	-
4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	100	100	-	-
4031618090	Bridge 090 - McMurray St, 100m s/o of Hatt St	100	100	-	-
4031619101	Mohawk - Upper Ottawa to Upper Kenilworth	100	90	-	-
4031518403	Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	100	100	-	-
4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	100	100	-	-
4031518409	Bridge 409 - Regional Rd 97, 230m e/o Valens	100	100	-	-
4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	100	100	-	-
4031517522	Shaver Road Yard Drainage Rehabilitation	100	100	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Roads</u>					
4031618355	Bridge 355 – White Church Rd, 130m e/o Miles Rd	100	100	-	-
4031580584	Nebo - Rymal to Twenty	100	15	-	-
4031610014	Railway Roadway Crossings Safety Improvements	100	100	-	-
4031455556	Mapping Update Program	70	70	-	-
4031618108	Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	50	50	-	-
4031618385	Bridge 385 - Westover Rd, 170m n/o Concession 4W	50	50	-	-
4031617241	Fencing Rehabilitation/Replacement within the Road Allowance	50	50	-	-
4041649352	Sound Barrier Rehabilitation Program	50	50	-	-
4031651410	Roads - Small Equipment Replacement	50	0	-	-
4031655940	Transportation Tomorrow Survey	40	40	-	-
4031655622	Active Transportation Benchmarking	30	30	-	-
4041610018	Low-Wattage Street Lighting LED Replacement	3,200	0	-	-
<i>Sub-Total Roads</i>		<u>90,919</u>	<u>54,995</u>	<u>1,179.0</u>	<u>7.5</u>
<u>Transit Services</u>					
5301683100	HSR Bus Replacement Program	9,990	0	-	-
5311682100	ATS - Vehicle Replacement Program	1,997	0	-	-
5301683503	Nonrevenue Vehicle Replace Program	127	0	10.0	-
5301684503	Security Cameras on Buses	1,700	0	320.0	1.0
5301585502	Transit Shelter Expansion Project	300	0	-	-
5301583501	Transit Hybrid Bus Battery Replacement	420	0	-	-
5301683002	Fund Transit Reserve Shortfall- Re Cancellation of Ontario Bus Replacement Program	3,700	3,700	-	-
<i>Sub-Total Transit Services</i>		<u>18,234</u>	<u>3,700</u>	<u>330.0</u>	<u>1.0</u>
<u>Waste Management</u>					
5121551502	New Driver/Vehicle Technology	100	100	-	-
5121692000	Closed Landfill Maintenance & Capital Improvement Program	290	0	-	-
5121692001	Central Park Remediation	500	0	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>Waste Management</u>					
5121691000	Glanbrook Landfill Capital Improvement Program	275	100	-	-
5120991101	Glanbrook Landfill-Stage 3 Development	250	250	-	-
5121555010	2020 Waste System Planning	150	150	-	-
5121494002	Transfer Station Door Replacement	250	250	-	-
5121695525	SWMMP - Planning & Approvals Program	90	90	-	-
5121694000	Transfer Station/CRC Maintenance & Capital Improvement Program	140	140	-	-
5121693000	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	50	50	-	-
5121655137	Waste Management R & D Program	190	190	-	-
5121594511	Transfer Station/CRC Expansion & Capital Replacement	100	100	-	-
5121551700	MRF Equipment Upgrades	250	0	-	-
Sub-Total Waste Management		2,635	1,420	-	-
<u>West Harbour & Waterfront Strategic Initiatives</u>					
4411506107	Pier 5-7 Marina Shoreline Rehab	1,275	1,275	-	-
4411506109	West Harbour Site Remediation	1,200	1,200	-	-
4411606105	Pier 8 Shorewall	1,175	1,175	-	-
4411606101	Pier 6-8 Servicing Design	1,090	1,090	-	-
4411606111	Bayfront Park Beach Rehab	550	550	19.0	-
4411606104	Pier 7 Commercial Village	350	350	-	-
4411606201	Bar-Tiff Site Remediation	350	350	-	-
4411606002	Real Estate Disposition Process	260	260	-	-
4411606003	Community Engagement Imp.	260	260	-	-
4411606004	Marketing Communication Imp.	230	230	-	-
4411606106	Pier 8 Promenade	175	175	-	-
4411606103	Pier 6 Artisan Village (CAN150)	170	170	-	-

**2016 Proposed Tax Capital Projects
Included in the Financing Plan**

		<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
			(\$000's)		#
<u>Public Works Tax Funded</u>					
<u>West Harbour & Waterfront Strategic Initiatives</u>					
4411606102	Pier 5-7 Boardwalk	150	150	-	-
4411606001	CHH Site Servicing Study	120	120	-	-
4411606202	Bar-Tiff Site Servicing Study	120	120	-	-
<i>Sub-Total West Harbour & Waterfront Strategic Initiatives</i>		<u>7,475</u>	<u>7,475</u>	<u>19.0</u>	<u>-</u>
<i>Total Public Works</i>		<u>182,048</u>	<u>86,610</u>	<u>2,342.2</u>	<u>15.3</u>
<i>Total All Projects</i>		<u>216,685</u>	<u>103,556</u>	<u>2,397.2</u>	<u>15.3</u>

**2016 Proposed Tax Capital Projects
Not Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>	
		(\$000's)		#	
<u>Community & Emergency Services</u>					
<u>Community Services - Other Divisions</u>					
6501655301	Hamilton's Plan for an Age-Friendly City	50	50	-	-
Sub-Total Community Services - Other Divisions		50	50	-	-
<u>Hamilton Paramedic Service</u>					
7641641601	Wash Bay - Paramedic Fleet Station 30	350	350	-	-
Sub-Total Hamilton Paramedic Service		350	350	-	-
<u>Housing Services</u>					
6731641601	Hamilton's Community Bed Bug Strategy	415	415	-	-
6731641302	Social Housing Capital Repairs and Regeneration	1,740	1,740	-	-
6731641501	Increasing Affordable Rental Housing Units in Hamilton	7,500	3,500	-	-
6731641502	Renovating ownership and privately owned rental units	1,930	1,930	179.0	2.0
6731641603	Capital Infrastructure Emergency Shelters	150	150	-	-
Sub-Total Housing Services		11,735	7,735	179.0	2.0
<u>Long Term Care Homes</u>					
6301651600	Wentworth Lodge - Building Automation System	200	200	-	-
6301651505	Wentworth Lodge - HVAC Upgrades	95	95	-	-
6301651506	Macassa Lodge - Handrail Replacement	100	100	-	-
6301651602	Macassa Lodge - Carpet Removal	150	150	-	-
6301641503	Macassa Lodge - Tub Room Flooring Replacement	65	65	-	-
6301651503	Macassa Lodge - Chiller Energy Efficiency Upgrade	175	175	-	-
6301651504	Macassa Lodge - Circulation Pumps (Cooling and Heating)	80	80	-	-
6301651502	Macassa Lodge - Building Heating Components	83	83	-	-
Sub-Total Long Term Care Homes		948	948	-	-
Total Community & Emergency Services		13,083	9,083	179.0	2.0

**2016 Proposed Tax Capital Projects
Not Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>	
		(\$000's)		#	
<u>Planning & Economic Development</u>					
<u>Economic Development</u>					
3621650301	Employment Land Banking	2,000	2,000	-	-
3621608900	Economic Development Initiatives	2,000	2,000	-	-
	Sub-Total Economic Development	4,000	4,000	-	-
<u>Planning - Other Divisions</u>					
8121641600	Licensing Front Counter Re-design	200	200	-	-
	Sub-Total Planning - Other Divisions	200	200	-	-
<u>Planning Services</u>					
8121655620	Part IV Designation of Properties under the Ontario Heritage Act	60	60	-	-
8121655607	Woodland Protection Strategy	100	100	-	-
8121655603	James St. North Mobility Hub Study Implementation Strategy	250	160	-	-
	Sub-Total Planning Services	410	320	-	-
	Total Planning & Economic Development	4,610	4,520	-	-
<u>Outside Boards & Agencies</u>					
<u>H.C.A. & Westfield Heritage Village</u>					
3801656101	Hamilton Conservation Authority Critical and Safety Projects Additional Request	200	200	-	-
	Sub-Total H.C.A. & Westfield Heritage Village	200	200	-	-
<u>Hamilton Public Library</u>					
7501641601	Valley Park Library Expansion	1,000	250	-	-
7501641610	New Library - Greensville	663	394	-	-
	Sub-Total Hamilton Public Library	1,663	644	-	-

**2016 Proposed Tax Capital Projects
Not Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>	
		(\$000's)		#	
<u>Outside Boards & Agencies</u>					
<u>Police Services</u>					
3761241200	Police Investigative Services Division Headquarters	6,750	6,750	430.0	0.5
3761651501	Command Van	750	750	9.0	-
3761641502	Marine Facility Replacement / Expansion	4,000	4,000	40.0	-
3761651503	Prisoner Escort Vehicle	90	90	7.0	-
3761651601	Ice Rescue Equipment	80	80	9.5	-
	<i>Sub-Total Police Services</i>	<u>11,670</u>	<u>11,670</u>	<u>495.5</u>	<u>0.5</u>
	<i>Total Outside Boards & Agencies</i>	<u>13,533</u>	<u>12,514</u>	<u>495.5</u>	<u>0.5</u>
<u>Council Initiatives</u>					
<u>Corporate Projects</u>					
7201658605	Hamilton Celebrates Canada 150	175	175	-	-
	<i>Sub-Total Corporate Projects</i>	<u>175</u>	<u>175</u>	<u>-</u>	<u>-</u>
<u>Council Strategic Projects</u>					
9901608800	Council Initiated Strategic Projects	2,000	2,000	-	-
	<i>Sub-Total Council Strategic Projects</i>	<u>2,000</u>	<u>2,000</u>	<u>-</u>	<u>-</u>
	<i>Total Council Initiatives</i>	<u>2,175</u>	<u>2,175</u>	<u>-</u>	<u>-</u>

**2016 Proposed Tax Capital Projects
Not Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
		(\$000's)		#
<u>Corporate Services</u>				
<u>Customer Service Access & Equity</u>				
3451653601	65	65	-	-
	<u>65</u>	<u>65</u>	<u>-</u>	<u>-</u>
<u>Finance</u>				
3381657605	250	250	-	-
	<u>250</u>	<u>250</u>	<u>-</u>	<u>-</u>
<u>Information Technology (IT)</u>				
3501657604	390	390	6.0	-
3501657605	50	50	-	-
3501657603	250	250	135.0	1.0
3501657601	240	240	40.0	-
	<u>930</u>	<u>930</u>	<u>181.0</u>	<u>1.0</u>
<u>Total Corporate Services</u>				
	<u>1,245</u>	<u>1,245</u>	<u>181.0</u>	<u>1.0</u>
<u>Public Works Tax Funded</u>				
<u>Corporate Facilities</u>				
3541641603	840	540	-	-
3541641735	400	400	-	-
	<u>1,240</u>	<u>940</u>	<u>-</u>	<u>-</u>
<u>O & M - Parks & Cemeteries</u>				
4401649505	50	50	-	-
4401618002	80	80	-	-
4401649100	125	125	-	-
4401649501	350	350	-	-
4401651501	100	100	-	-

**2016 Proposed Tax Capital Projects
Not Included in the Financing Plan**

	<u>Gross Budget</u>	<u>Net Budget</u>	<u>Operating Costs</u>	<u>FTE's</u>
		(\$000's)		#
<u>Public Works Tax Funded</u>				
<u>O & M - Parks & Cemeteries</u>				
4401649502	100	100	-	-
4401249011	20	20	-	-
4401649504	20	20	-	-
Sub-Total O & M - Parks & Cemeteries	845	845	-	-
<u>Recreation Facilities</u>				
7101645601	550	100	-	-
7101554509	650	650	-	-
Sub-Total Recreation Facilities	1,200	750	-	-
<u>Transit Services</u>				
5301651500	425	425	-	-
5301685601	400	400	13.0	-
5301685602	125	125	-	-
5301684605	350	350	-	-
5301684604	50	50	-	-
5301684602	200	200	300.0	-
5301684601	350	350	23.0	-
5301585501	60	60	100.0	-
5301685600	300	300	-	-
5301684603	150	150	-	-
Sub-Total Transit Services	2,410	2,410	436.0	-
Total Public Works	5,695	4,945	436.0	-
Total All Projects	40,341	34,483	1,291.5	3.5

CITY OF HAMILTON
2016-2025 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 2015	\$ 333,996	\$ 261,531	\$ 21,455		\$ 43,283	\$ 106,602	\$ 45,062	14,191
2016	257,026	216,685	11,375	31,616	32,002	84,540	48,732	8,420
2017	278,239	229,764	13,035	31,616	41,198	57,406	50,307	36,202
2018	300,125	226,227	5,155	33,122	57,832	50,774	62,104	17,240
2019	216,347	191,146	2,830	33,122	15,301	38,157	63,526	38,210
2020	181,512	156,347	2,390	33,122	15,126	35,070	70,639	-
2021	195,608	175,865	2,390	33,122	12,724	52,114	75,515	-
2022	174,440	160,519	2,400	33,122	6,878	35,825	82,294	-
2023	178,324	164,889	2,400	33,122	6,899	31,667	90,801	-
2024	184,614	168,995	2,410	33,122	7,864	29,628	95,971	-
2025	216,355	175,777	2,410	33,122	7,704	31,840	100,701	-
TOTAL	2,182,590	1,866,214	46,795	328,208	203,528	447,021	740,590	100,072

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
2016 Programs													
Community & Emergency Services	23,443	10,360	-	10,360	-	-	6,672	-	3,688	-	-	2,188	1,500
Corporate Services	3,910	2,665	-	2,665	-	-	-	-	2,665	-	1,000	1,665	-
Planning & Development	17,014	12,404	348	12,056	4,518	487	2,050	-	5,001	-	500	4,501	-
Other Programs	5,658	3,483	-	3,483	-	-	1,241	150	2,092	-	-	2,092	-
Outside Boards and Agencies	19,258	5,725	-	5,725	765	40	1,420	-	3,500	-	2,000	-	1,500
Recreation & Corporate Facilities	34,320	31,880	2,082	29,798	1,707	622	3,434	13,552	10,483	-	5,100	5,383	-
Roads Program	90,919	90,919	3,300	87,619	10,925	10,924	4,790	5,985	54,995	24,668	4,550	23,777	2,000
Waterfront Initiatives	7,475	7,475	-	7,475	-	-	-	-	7,475	3,948	988	539	2,000
Public Works	55,029	51,774	2,395	49,379	1,845	169	28,503	5,205	13,657	3,000	650	8,587	1,420
	257,026	216,685	8,125	208,560	19,760	12,242	48,110	24,892	103,556	31,616	14,788	48,732	8,420
2017 Programs													
Community & Emergency Services	22,106	8,735	-	8,735	1,354	698	4,593	-	2,090	-	-	2,090	-
Corporate Services	3,648	3,590	-	3,590	-	-	-	-	3,590	-	-	3,590	-
Planning & Development	11,421	9,224	-	9,224	3,122	-	60	-	6,042	-	6,042	-	-
Other Programs	9,210	2,840	-	2,840	-	-	970	-	1,870	-	658	1,212	-
Outside Boards and Agencies	4,529	3,885	-	3,885	737	-	648	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	40,482	25,201	10,225	14,976	1,903	55	2,460	75	10,483	-	-	10,483	-
Roads Program	90,139	90,139	560	89,579	15,755	15,714	2,000	7,610	48,500	28,616	-	14,884	5,000
Waterfront Initiatives	27,235	27,235	-	27,235	-	-	-	-	27,235	-	-	7,235	20,000
Public Works	69,469	58,915	-	58,915	1,700	160	30,828	3,712	22,515	3,000	-	8,313	11,202
	278,239	229,764	10,785	218,979	24,571	16,627	41,559	11,397	124,825	31,616	6,700	50,307	36,202

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
2018 Programs													
Community & Emergency Services	25,636	11,605	-	11,605	2,595	1,337	5,583	-	2,090	-	-	2,090	-
Corporate Services	4,640	4,640	-	4,640	-	-	-	50	4,590	-	-	4,590	-
Planning & Development	11,257	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	7,865	4,965	-	4,965	-	-	1,020	-	3,945	-	-	3,945	-
Outside Boards and Agencies	4,927	4,427	-	4,427	1,308	-	619	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	52,805	15,031	-	15,031	4,094	244	210	-	10,483	-	-	10,483	-
Roads Program	106,138	102,226	2,780	99,446	24,055	18,801	990	7,100	48,500	30,122	-	12,378	6,000
Waterfront Initiatives	27,220	27,220	-	27,220	-	-	4,150	-	23,070	-	-	11,830	11,240
Public Works	59,637	47,071	125	46,946	2,212	186	27,652	900	15,996	3,000	4,750	8,246	-
	300,125	226,227	2,905	223,322	37,264	20,568	40,224	8,050	117,216	33,122	4,750	62,104	17,240
2019 Programs													
Community & Emergency Services	22,612	19,806	-	19,806	-	-	7,992	-	11,814	-	-	11,814	-
Corporate Services	5,590	5,590	-	5,590	-	-	-	-	5,590	-	-	5,590	-
Planning & Development	9,042	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	6,445	4,745	-	4,745	-	-	800	-	3,945	-	-	3,945	-
Outside Boards and Agencies	2,555	2,555	-	2,555	-	-	55	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	18,440	12,421	-	12,421	1,614	114	210	-	10,483	-	-	10,483	-
Roads Program	69,937	64,985	580	64,405	6,316	2,859	50	6,680	48,500	30,122	-	18,378	-
Waterfront Initiatives	0	-	-	-	-	-	-	-	-	-	-	-	-
Public Works	81,726	72,002	-	72,002	1,262	136	20,370	-	50,234	3,000	4,250	4,774	38,210
	216,347	191,146	580	190,566	12,192	3,109	29,477	6,680	139,108	33,122	4,250	63,526	38,210

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
2020 Programs													
Community & Emergency Services	22,728	19,872	-	19,872	-	-	8,058	-	11,814	-	-	11,814	-
Corporate Services	6,590	6,590	-	6,590	-	-	-	-	6,590	-	-	6,590	-
Planning & Development	9,649	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	7,065	4,745	-	4,745	-	-	800	-	3,945	-	-	3,945	-
Outside Boards and Agencies	3,064	2,564	-	2,564	-	-	64	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	20,128	10,801	-	10,801	75	33	210	-	10,483	-	-	10,483	-
Roads Program	70,088	63,346	140	63,206	5,368	5,368	50	3,920	48,500	30,122	-	18,378	-
Waterfront Initiatives	0	-	-	-	-	-	-	-	-	-	-	-	-
Public Works	42,200	39,387	-	39,387	1,152	130	19,968	-	18,137	3,000	4,250	10,887	-
	181,512	156,347	140	156,207	9,595	5,531	29,150	3,920	108,011	33,122	4,250	70,639	0
2021 Programs													
Community & Emergency Services	19,720	17,164	-	17,164	-	-	5,350	-	11,814	-	-	11,814	-
Corporate Services	6,640	6,640	-	6,640	-	-	-	50	6,590	-	-	6,590	-
Planning & Development	9,042	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	5,555	4,745	-	4,745	-	-	800	-	3,945	-	-	3,945	-
Outside Boards and Agencies	2,541	2,541	-	2,541	-	-	41	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	30,598	24,853	-	24,853	75	33	14,262	-	10,483	-	-	10,483	-
Roads Program	70,437	59,805	140	59,665	4,628	4,587	50	1,900	48,500	30,122	-	18,378	-
Waterfront Initiatives	0	-	-	-	-	-	-	-	-	-	-	-	-
Public Works	51,075	51,075	-	51,075	315	86	27,661	-	23,013	3,000	4,250	15,763	-
	195,608	175,865	140	175,725	8,018	4,706	48,164	1,950	112,887	33,122	4,250	75,515	0

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
2022 Programs													
Community & Emergency Services	22,523	21,243	-	21,243	-	-	8,153	-	13,090	-	-	13,090	-
Corporate Services	6,590	6,590	-	6,590	-	-	-	-	6,590	-	-	6,590	-
Planning & Development	13,464	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	5,210	4,370	-	4,370	-	-	800	-	3,570	-	-	3,570	-
Outside Boards and Agencies	2,534	2,504	-	2,504	-	-	4	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	13,645	10,801	-	10,801	75	33	210	-	10,483	-	-	10,483	-
Roads Program	74,288	69,783	150	69,633	1,588	1,588	50	3,560	62,847	30,122	-	32,725	-
Waterfront Initiatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Public Works	36,186	36,186	-	36,186	498	96	21,048	-	14,544	3,000	4,250	7,294	-
	174,440	160,519	150	160,369	5,161	1,717	30,265	3,560	119,666	33,122	4,250	82,294	0
2023 Programs													
Community & Emergency Services	17,662	15,662	-	15,662	-	-	4,042	-	11,620	-	-	11,620	-
Corporate Services	6,590	6,590	-	6,590	-	-	-	-	6,590	-	-	6,590	-
Planning & Development	14,389	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	5,435	4,370	-	4,370	-	-	800	-	3,570	-	-	3,570	-
Outside Boards and Agencies	2,688	2,688	-	2,688	-	-	188	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	13,745	10,801	-	10,801	75	33	210	-	10,483	-	-	10,483	-
Roads Program	72,815	72,815	150	72,665	1,677	1,636	50	1,950	67,352	30,122	-	37,230	-
Waterfront Initiatives	-	-	-	-	-	-	-	-	-	-	-	-	-
Public Works	45,000	42,921	-	42,921	386	92	22,427	-	20,016	3,000	4,250	12,766	-
	178,324	164,889	150	164,739	5,138	1,761	27,717	1,950	128,173	33,122	4,250	90,801	0

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
2024 Programs													
Community & Emergency Services	15,869	14,339	-	14,339	-	-	2,249	-	12,090	-	-	12,090	-
Corporate Services	6,590	6,590	-	6,590	-	-	-	-	6,590	-	-	6,590	-
Planning & Development	15,084	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	4,370	4,370	-	4,370	-	-	800	-	3,570	-	-	3,570	-
Outside Boards and Agencies	2,675	2,675	-	2,675	-	-	175	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	16,255	16,255	-	16,255	75	33	210	-	15,937	-	-	15,937	-
Roads Program	75,886	75,886	160	75,726	2,307	1,597	50	1,650	70,122	30,122	-	40,000	-
Waterfront Initiatives	2,870	2,870	-	2,870	-	-	-	-	2,870	-	-	2,870	-
Public Works	45,015	36,968	-	36,968	742	110	22,494	-	13,622	3,000	4,250	6,372	-
	184,614	168,995	160	168,835	6,124	1,740	25,978	1,650	133,343	33,122	4,250	95,971	0
2025 Programs													
Community & Emergency Services	18,122	16,592	-	16,592	-	-	4,502	-	12,090	-	-	12,090	-
Corporate Services	6,590	6,590	-	6,590	-	-	-	-	6,590	-	-	6,590	-
Planning & Development	9,042	9,042	-	9,042	3,000	-	-	-	6,042	-	-	6,042	-
Other Programs	4,370	4,370	-	4,370	-	-	800	-	3,570	-	-	3,570	-
Outside Boards and Agencies	23,174	2,500	-	2,500	-	-	-	-	2,500	-	-	2,500	-
Recreation & Corporate Facilities	14,063	14,063	-	14,063	75	33	210	-	13,745	-	-	13,745	-
Roads Program	74,326	77,096	160	76,936	1,602	1,602	50	3,560	70,122	30,122	-	40,000	-
Waterfront Initiatives	100	100	-	100	-	-	-	-	100	-	-	100	-
Public Works	66,568	45,424	-	45,424	1,255	137	20,718	-	23,314	3,000	4,250	16,064	-
	216,355	175,777	160	175,617	5,932	1,772	26,280	3,560	138,073	33,122	4,250	100,701	0

CITY OF HAMILTON
2016-2025 TAX CAPITAL BUDGET AFFORDABLE/UNAFFORDABLE SUMMARY
(\$ 000'S)

	Requested Gross Cost	Affordable Gross	Subsidy/ Other Revenue	Net Costs	Dev. Charges		Dedicated/ Other Reserves	Other Internal Revenues	Funding Required	Financing Sources			
					Res.	Non Res.				Gas Tax Revenues	Reserves & Other	Tax Levy	Debt Financing
TOTAL													
Community & Emergency Services	210,421	155,378	-	155,378	3,949	2,035	57,194	-	92,200	-	-	90,700	1,500
Corporate Services	57,378	56,075	-	56,075	-	-	-	100	55,975	-	1,000	54,975	-
Planning & Development	119,404	93,964	348	93,616	31,640	487	2,110	-	59,379	-	6,542	52,837	-
Other Programs	61,183	43,003	-	43,003	-	-	8,831	150	34,022	-	658	33,364	-
Outside Boards and Agencies	67,945	32,064	-	32,064	2,810	40	3,214	-	26,000	-	2,000	22,500	1,500
Recreation & Corporate Facilities	254,481	172,107	12,307	159,800	9,768	1,233	21,626	13,627	113,546	-	5,100	108,446	-
Roads Program	794,973	767,000	8,120	758,880	74,221	64,676	8,130	43,915	567,938	294,260	4,550	256,128	13,000
Waterfront Initiatives	64,900	64,900	-	64,900	-	-	4,150	-	60,750	3,948	988	22,574	33,240
Public Works	551,905	481,723	2,520	479,203	11,367	1,302	241,669	9,817	215,048	30,000	35,150	99,066	50,832
	2,182,590	1,866,214	23,295	1,842,919	133,755	69,773	346,924	67,609	1,224,858	328,208	55,988	740,590	100,072

CITY OF HAMILTON
2016 -2025 TAX CAPITAL FINANCING PLAN (\$000's)

ASSUMES JULY 1 DEBT ISSUE FOR WIP's & NEW IN 20 Borrowing Rate 5.0%
0.5%, (\$3.90 M) Levy Increase annually for 2016 - 2025

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2016-2025
IMPACT OF CAPITAL ON OPERATING												
Contribution to Capital from Current Fund	46,087	48,732	50,307	62,104	63,526	70,639	75,515	82,294	90,801	95,971	100,701	740,589
Debt Charges - New (Discretionary)	241	241	241	-	-	-	-	-	-	-	-	482
Debt Charges - New (West Harbour & Waterfront)	-	96	963	289	-	-	-	-	-	-	-	1,349
Debt Charges - New (Waste Management)	324	68	540	541	1,841	-	-	-	-	-	-	2,990
Debt Charges - New (POA Building)	225	-	-	-	-	-	-	-	-	-	-	-
Debt Charges - Existing & WIP's	47,990	49,234	50,220	43,237	44,705	43,332	42,356	39,477	34,870	33,600	32,770	413,801
Recommended Financing Plan - Current Budget (\$)	94,642	98,371	102,271	106,171	110,071	113,971	117,871	121,771	125,671	129,571	133,471	1,159,211
NEW CAPITAL PROJECTS SUPPORTED												
DISCRETIONARY FUNDING AVAILABLE - BLOCK & OTHER	83,225	89,548	108,123	102,426	97,848	104,961	109,837	116,616	125,123	130,293	135,023	1,119,797
FINANCING PLAN (Net of Reserves, Subsidies & Other Rev.)												
Contribution to Capital from Current Fund - New Projects	45,287	47,932	49,507	61,304	62,726	67,263	70,967	78,974	87,408	90,973	94,102	711,155
Contribution to Capital from Current Fund - SWMMMP	-	-	-	-	-	2,576	3,748	2,520	2,593	4,198	5,799	21,434
Contribution to H.E.C.F.I. Capital Reserve	800	800	800	800	800	800	800	800	800	800	800	8,000
New Debt (Discretionary)	5,000	5,000	5,000	-	-	-	-	-	-	-	-	10,000
New Debt (West Harbour & Waterfront)	-	2,000	20,000	6,000	-	-	-	-	-	-	-	28,000
New Debt (Waste Management)	6,716	1,420	11,202	11,240	38,210	-	-	-	-	-	-	62,072
New Debt (POA Building)	4,677	-	-	-	-	-	-	-	-	-	-	-
New Debt (Library Board)	1,575	-	-	-	-	-	-	-	-	-	-	-
New Debt (Police Board)	900	-	-	-	-	-	-	-	-	-	-	-
Hydro Dividends, \$2M Annual Dividend from 2006 on	2,000	3,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	21,000
Federal Gas Tax Subsidy	30,938	31,616	31,616	33,122	33,122	33,122	33,122	33,122	33,122	33,122	33,122	328,208
Net New Projects Supported	97,893	91,768	120,125	114,466	136,858	105,761	110,637	117,416	125,923	131,093	135,823	1,189,869
DEBT SUMMARY												
Outstanding Principal												
Levy Programs (Excl. Expressway) Existing External	180,159	154,125	127,958	110,504	92,559	78,882	65,178	51,162	41,243	32,280	23,241	
EW / NS Expressway Existing External	59,221	49,447	41,975	36,525	30,982	25,343	19,602	13,755	9,032	5,516	2,000	
Waste Mgmt. Master Plan External	13,517	13,517	23,786	33,514	68,977	65,163	61,158	56,953	52,538	47,902	43,034	
New Debt (POA Building) External	-	24,105	22,904	21,644	20,320	18,930	17,470	15,938	14,329	12,639	10,865	
WIPS - 2015 & Prior (Roads & Other) External	-	105,631	100,369	94,844	89,043	82,952	76,556	69,840	62,789	55,385	47,611	
New Debt (Discretionary) External	-	4,884	9,525	9,026	8,503	7,953	7,375	6,769	6,132	5,464	4,762	
New Debt (West Harbour & Waterfrt) External	-	1,954	21,393	26,179	24,757	23,265	21,699	20,053	18,326	16,512	14,608	
Library Board Projects External	-	1,539	1,462	1,381	1,297	1,208	1,115	1,017	915	807	693	
Police Board Projects	-	-	-	-	-	-	-	-	-	-	-	
Total Tax Supported External Debt	239,380	355,202	349,373	333,617	336,438	303,696	270,153	235,488	205,304	176,505	146,815	
Rate Programs (Incl. Storm) Existing -Rate Funded	77,821	71,504	65,311	59,118	52,923	46,757	40,592	34,427	28,261	22,096	15,930	
Existing -DC Funded	730	647	560	468	372	272	167	57	-	-	-	
Forecast -Rate Funded	-	70,742	143,861	215,133	229,485	251,001	234,847	217,885	200,076	181,375	161,741	
Forecast -DC Funded	-	92,054	177,961	282,202	299,458	314,018	316,516	307,858	308,143	308,105	316,294	
Total Rate Program Outstanding Debt	78,551	234,947	387,693	556,921	582,238	612,048	592,122	560,227	536,480	511,576	493,965	
Total External Debt - Tax & Rate	317,931	590,149	737,066	890,538	918,676	915,744	862,275	795,715	741,784	688,081	640,780	
Borrowings from Reserves Existing - Internal	9,797	6,484	5,839	5,159	4,443	3,688	2,892	2,054	1,171	240	-	
Borrowing from HFF Internal	56,866	54,930	48,039	40,904	33,515	26,376	19,774	15,634	12,403	9,660	7,490	
Total Principal Outstanding	384,594	651,563	790,944	936,601	956,634	945,808	884,941	813,403	755,358	697,981	648,270	
Debt Charges - Tax												
Existing Debt Charges	25,727	25,542	24,674	14,969	14,837	10,352	10,222	10,094	6,592	5,962	5,838	2016-2025
External (Net of Recoveries)	6,325	6,267	3,537	2,769	2,710	2,654	2,595	2,538	2,478	2,419	2,362	129,082
External - Expressway (Net)	2,867	2,855	-	-	-	-	-	-	-	-	-	30,329
Internal (Net)	7,670	8,317	8,692	8,694	8,692	8,179	7,392	4,698	3,653	3,072	2,423	2,855
HFF Repayment	-	-	-	-	-	-	-	-	-	-	-	63,812
New Debt Charges	306	598	1,333	2,412	3,495	7,177	7,177	7,177	7,177	7,177	7,177	50,898
Waste Mgmt. Master Plan External	145	370	740	740	740	740	740	740	740	740	740	7,026
POA Building External (Net)	-	76	152	152	152	152	152	152	152	152	152	1,442
Library Board Projects External	-	-	-	-	-	-	-	-	-	-	-	-
Police Board Projects External	4,950	5,209	10,418	10,418	10,418	10,418	10,418	10,418	10,418	10,418	10,418	98,973
WIPS - 2015 & Prior (Roads & Other) External	-	-	482	963	963	963	963	963	963	963	963	8,189
New Debt (Discretionary) External	-	-	193	2,120	2,698	2,698	2,698	2,698	2,698	2,698	2,698	21,195
New Debt (West Harbour & Waterfrt) External	-	-	-	-	-	-	-	-	-	-	-	-
Total Debt Charges - Tax	47,990	49,234	50,220	43,237	44,705	43,332	42,356	39,477	34,870	33,600	32,770	413,801

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 1**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 1 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Program - Chedoke Golf Course Improvements	0	0	0	0	0	8,010	0	0	0	0	2021	Ongoing
Sub - Total	0	0	0	0	0	8,010	0	0	0	0		
<u>Open Space Development</u>												
Churchill Park Master Plan Implementation Phase 1	0	0	500	0	540	0	0	0	0	0	2010	2020
Alexander Park	0	350	0	0	0	0	0	0	0	0	2017	2017
Strathcona Pedestrian Bridge	0	0	0	0	0	0	0	418	6,618	0	2023	2024
Sub - Total	0	350	500	0	540	0	0	418	6,618	0		
<u>Recreation Facilities</u>												
Ryerson Recreation Centre - Refurbishing	0	300	2,200	0	0	0	0	0	0	0	2017	2018
Victoria Park Outdoor Pool - Redevelopment	0	225	1,775	0	0	0	0	0	0	0	2017	2019
Sub - Total	0	525	3,975	0	0	0	0	0	0	0		
<u>Roads</u>												
Bridge 275 - York Blvd, 105m n/o Valley Inn Rd	2,300	0	0	0	0	0	0	0	0	0	2015	2016
Main St W - West Park to Cootes	760	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 1 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Bowman - South End to Willowcrest & Ainslie - Emerson to East End	970	0	0	0	0	0	0	0	0	0	2016	2016
York Blvd - Dundurn to McQuesten bridge	0	990	0	0	0	0	0	0	0	0	2017	2017
Longwood - Aberdeen to Hwy 403 Bridge	0	200	300	1,600	0	0	0	0	0	0	2017	2019
Longwood Roundabout, Longwood & Aberdeen	0	0	100	200	0	4,000	0	0	0	0	2018	2021
Locke - Herkimer to Main	0	0	0	720	0	0	0	0	0	0	2019	2019

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 1**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Bridge 307 - Main St W, 135m w/o Dundurn St S	0	0	0	100	100	0	1,140	0	0	0	2019	2022
Jones / Oxford / Tecumseh (Strathcona Neighbourhood)	0	0	1,360	0	0	0	0	0	0	0	2019	2019
Florence/Morden/Napier/Nelson/Peel/Wellesley (Strathcona Neighbourhood)	0	0	0	0	1,820	0	0	0	0	0	2020	2020
Asset Preservation - Strathcona Neighbourhood	0	0	0	0	0	1,500	0	0	0	0	2021	2021
Aberdeen - Queen to Studholme	0	0	0	0	0	0	2,000	0	0	0	2022	2022
Dundurn - Main to King	0	0	0	0	0	0	210	0	0	0	2022	2022
Asset Preservation - Kirkendall North Neighbourhood	0	0	0	0	0	0	3,000	0	0	0	2022	2022
<i>Sub - Total</i>	4,663	1,390	1,960	2,820	2,120	5,700	6,550	200	200	200		
<i>Total Public Works Tax Funded</i>	4,663	2,265	6,435	2,820	2,660	13,710	6,550	618	6,818	200		
<i>Total Ward 1</i>	4,763	2,365	6,535	2,920	2,760	13,810	6,650	718	6,918	300		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
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FOR WARD 2**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 2 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Planning & Economic Development</u>												
<u>Parking By-Law Services</u>												
Repairs to York Boulevard Parkade	1,010	0	0	0	0	0	0	0	0	0	2010	2016
Review of Elevator - York Boulevard Parkade	50	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	1,060	0	0	0	0	0	0	0	0	0		
<u>Tourism & Culture</u>												
Rehabilitation of St. Mark's Church - Canada 150 Grant	960	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	960	0	0	0	0	0	0	0	0	0		
<u>Urban Renewal</u>												
Downtown Outdoor Lighting Upgrades	100	0	0	0	0	0	0	0	0	0	2012	2016
Gore Master Plan	600	0	453	0	0	0	0	0	0	0	2010	2018
Wellington - King William to Cannon	0	0	0	0	1,200	0	0	0	0	0	2020	2020
Catharine - Hunter to Main	0	0	0	0	0	100	720	0	0	0	2021	2022
Wellington - Main to Hunter	0	0	0	0	0	0	840	0	0	0	2022	2022
John - King William to Cannon	0	0	0	0	0	0	2,800	0	0	0	2022	2022
Bay - Main to Hunter	0	0	0	0	0	0	100	0	970	0	2022	2024
York - Queen to Bay	0	0	0	0	0	0	270	4,500	0	0	2022	2023
John - Hunter to King William	0	0	0	0	0	0	600	1,800	2,000	0	2022	2025
Queen - King to Hunter	0	0	0	0	0	0	0	1,855	0	0	2023	2023
Napier - Caroline to Bay	0	0	0	0	0	0	0	100	1,450	0	2023	2024
Market - Bay to Caroline	0	0	0	0	0	0	0	0	600	0	2024	2024
Caroline - Main to King	0	0	0	0	0	0	0	0	100	110	2024	2025

**CITY OF HAMILTON
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FOR WARD 2**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Planning & Economic Development</u>												
<u>Urban Renewal</u>												
Main - Queen to James	0	0	0	0	0	0	0	0	3,730	0	2024	2024
James - Main to Freeman	0	0	0	0	0	0	0	0	2,000	0	2024	2024
Catharine - King to Cannon	0	0	0	0	0	0	0	0	100	3,170	2025	2025
Sub - Total	700	0	453	0	1,200	100	5,330	8,255	10,950	3,280		
Total Planning & Economic Development	2,720	0	453	0	1,200	100	5,330	8,255	10,950	3,280		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Commonwealth Square Timber Railing Replacement	0	400	0	0	0	0	0	0	0	0	2016	2017
Central Library Window Replacement	0	980	0	0	0	0	0	0	0	0	2016	2019
Program - Hamilton Farmer's Market	0	460	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	0	1,840	100	100	100	100	100	100	100	100		
<u>Entertainment Facilities</u>												
Hamilton Place Replacements and Renovations	200	200	0	0	0	0	0	0	0	0	2016	Ongoing
Program HCC, HP & FOC Lifecycle Renewal	800	800	800	800	800	800	800	800	800	800	2016	Ongoing
Sub - Total	1,000	1,000	800	800	800	800	800	800	800	800		
<u>Open Space Development</u>												
Beasley Park Rehabilitation	75	0	0	0	0	0	0	0	0	0	2013	2016
Durand Park Master Plan	100	0	0	0	0	0	0	0	0	0	2013	2016
Gore Master Plan Phase 2 (Open Space Development Blk)	1,052	595	1,347	0	0	0	0	0	0	0	2010	2018
John St. N. & Rebecca St. Park - Master Plan Implementation	0	0	208	0	0	1,225	1,225	0	0	0	2018	2022
John St. N. & Rebecca St. Park - Land Acquisition	0	0	1,550	0	0	0	0	0	0	0	2018	2018
Sub - Total	1,227	595	3,105	0	0	1,225	1,225	0	0	0		
<u>Recreation Facilities</u>												
Bennetto Recreation Centre - Expansion	0	0	200	1,800	0	0	0	0	0	0	2018	2020
Sub - Total	0	0	200	1,800	0	0	0	0	0	0		

**CITY OF HAMILTON
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FOR WARD 2**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
North End Traffic Management Plan (NETMP)	230	0	0	0	0	0	0	0	0	0	2014	2016
Council Priority - Ward 2 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Two Way Road Conversion	740	340	340	0	0	0	0	0	0	0	2016	2018
Cannon lay-by / Caroline / Sheaffe (Central (Northwest Neighbourhood)	0	0	950	0	0	0	0	0	0	0	2018	2018
Ferguson/Foster/Walnut	0	0	380	0	0	0	0	0	0	0	2018	2018
Cannon - Caroline to Queen	0	0	0	330	0	0	0	1,500	0	0	2019	2019
York - Caroline to Dundurn	0	0	0	1,300	0	0	0	0	0	0	2019	2019
Aberdeen - Queen to Bay	0	0	0	250	0	0	0	0	0	0	2019	2019
Asset Preservation - Central Neighbourhood (Northeast)	0	0	0	1,130	0	0	0	0	0	0	2019	2019
Cannon - Victoria to James	0	0	0	100	100	2,900	0	0	0	0	2019	2021
North End Traffic Management Plan (NETMP) Study	0	0	0	60	0	0	0	0	0	0	2019	2019
Asset Preservation - Central Neighbourhood (South)	0	0	0	0	890	0	0	0	0	0	2020	2020
Burlington - James to Ferguson (NETMP)	0	0	0	0	0	720	0	0	0	0	2021	2021
Barton - Queen to Bay & Bay - Barton to CN Bridge	0	0	0	0	0	490	0	0	0	0	2021	2021
Main - John to Wellington	0	0	0	0	0	0	520	0	0	0	2022	2022
Main - Hess to Bay	0	0	0	0	0	0	420	0	0	0	2022	2022
Bridge 313 - Arkledun Ave (Jolley Cut), over Claremont Access	0	0	0	0	0	0	50	220	0	6,600	2022	2025
Cannon - James to Bay	0	0	0	0	0	0	260	4,400	0	0	2022	2023
Jame - St. James Place to Herkimer	0	0	0	0	0	0	0	160	0	0	2023	2023
John - Cannon to Barton	0	0	0	0	0	0	0	290	0	0	2023	2023
James - Cannon to Barton	0	0	0	0	0	0	0	290	0	0	2023	2023
James - Strachan to Burlington	0	0	0	0	0	0	0	480	0	0	2023	2023
Catharine - King to Cannon	0	0	0	0	0	0	0	100	100	1,340	2023	2025
Hunter - James to Bay	0	0	0	0	0	0	0	4,340	0	0	2023	2023
Hess / Rebecca / Park / York two-way Conversion	0	0	0	0	0	0	0	0	2,000	0	2024	2024
Asset Preservation - Durand Neighbourhood	0	0	0	0	0	0	0	0	2,600	0	2024	2024
Hunter - Bay to Queen	0	0	0	0	0	0	0	0	200	100	2024	2026
King / King William two-way Conversion	0	0	0	0	0	0	0	0	0	460	2025	2025
Asset Preservation - North End East Neighbourhood	0	0	0	0	0	0	0	0	0	2,700	2025	2025
Sub - Total	1,603	540	1,870	3,370	1,190	4,310	1,450	11,980	5,100	11,400		

**CITY OF HAMILTON
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FOR WARD 2**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Waste Management</u>												
Central Park Remediation	500	4,000	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	500	4,000	0	0	0	0	0	0	0	0		
<u>West Harbour & Waterfront Strategic Initiatives</u>												
Pier 5-7 Marina Shoreline Rehab	1,275	3,795	0	0	0	0	0	0	0	0	2015	2017
West Harbour Site Remediation	1,200	0	0	0	0	0	0	0	0	0	2015	2016
CHH Site Servicing Study	120	0	0	0	0	0	0	0	0	0	2016	2016
Real Estate Disposition Process	260	150	150	0	0	0	0	0	0	0	2016	2018
Community Engagement Imp.	260	200	200	0	0	0	0	0	0	0	2016	2018
Marketing Communication Imp.	230	220	220	0	0	0	0	0	0	0	2016	2018
Pier 6-8 Servicing Design	1,090	925	0	0	0	0	0	0	0	0	2016	2017
Pier 5-7 Boardwalk	150	300	685	0	0	0	0	0	0	0	2016	2018
Pier 6 Artisan Village (CAN150)	170	900	0	0	0	0	0	0	0	0	2016	2017
Pier 7 Commercial Village	350	2,700	0	0	0	0	0	0	0	0	2016	2017
Pier 8 Shorewall	1,175	7,000	8,000	0	0	0	0	0	0	0	2016	2018
Pier 8 Promenade	175	0	6,500	0	0	0	0	0	0	0	2016	2018
Bayfront Park Beach Rehab	550	0	0	0	0	0	0	0	0	0	2016	2016
Bar-Tiff Site Remediation	350	0	0	0	0	0	0	0	0	0	2016	2016
Bar-Tiff Site Servicing Study	120	0	0	0	0	0	0	0	0	0	2016	2016
Ferguson - Barton to Dock Service Road	0	0	0	0	0	0	0	0	0	100	2025	2027
Pier 8 Sanitary PS & Forcemain	0	0	4,150	0	0	0	0	0	0	0	2015	2018
Marina Services & Gas Dock	0	265	345	0	0	0	0	0	0	0	2015	2018
Pier 6-8 Servicing Construction	0	9,030	0	0	0	0	0	0	0	0	2017	2017
Pier 8 Park	0	1,250	960	0	0	0	0	0	0	0	2017	2018
Bayfront Park Upgrades Ph 1	0	500	0	0	0	0	0	0	0	0	2016	2017
Bayfront Park Upgrades Ph 2	0	0	950	0	0	0	0	0	0	0	2018	2018
Macassa Bay Shoreline (design)	0	0	940	0	0	0	0	0	0	0	2018	2018
Sub - Total	7,475	27,235	23,100	0	0	0	0	0	0	100		
Total Public Works Tax Funded	11,805	35,210	29,175	6,070	2,090	6,435	3,575	12,880	6,000	12,400		
Total Ward 2	14,625	35,310	29,728	6,170	3,390	6,635	9,005	21,235	17,050	15,780		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 3**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 3 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Gage Park Redevelopment - Walkway lighting & Paving	0	1,000	0	600	0	0	0	0	0	0	2012	2019
Stadium Precinct Community Park	0	7,700	0	0	0	0	0	0	0	0	2017	2017
Century Street Park	0	220	0	0	0	0	0	0	0	0	2017	2017
Sub - Total	0	8,920	0	600	0	0	0	0	0	0		
<u>Recreation Facilities</u>												
Scott Park Precinct Ice Pad & Spray Pad Installation	1,000	700	0	0	0	0	0	0	0	0	2016	2017
Pinky Lewis Recreation Centre Expansion Project	1,402	0	0	250	2,880	0	0	0	0	0	2009	2021
Sub - Total	2,402	700	0	250	2,880	0	0	0	0	0		
<u>Roads</u>												
Council Priority - Ward 3 Minor Rehabilitation	633	180	180	180	180	180	180	180	180	180	2016	Ongoing
Bridge 330 - Birch Ave, 75m s/o Burlington St E	100	100	100	0	1,720	0	0	0	0	0	2016	2020
Bridge 332 - Birch Ave, 95m n/o Princess St	100	100	100	0	1,430	0	0	0	0	0	2016	2020
Wilson - Wentworth to Sherman	100	100	2,300	0	0	0	0	0	0	0	2016	2018
Victoria Ave N - One-way to Two-way Traffic Conversion	330	430	0	0	0	0	0	0	0	0	2016	2017
Bridge 329 - Burlington St E over Wilcox St	0	0	0	1,430	0	0	0	0	0	0	2012	2019
Burlington & Industrial - Birch to Gage	0	200	100	5,200	0	0	0	0	0	0	2014	2019
Industrial - Ottawa to Gage / Gage / Depew	0	100	2,290	0	0	0	0	0	0	0	2017	2018
Asset Preservation - Stipeley Neighbourhood (Main to Cannon)	0	2,500	0	0	0	0	0	0	0	0	2017	2017
Barton - Sanford to Sherman	0	100	100	1,720	0	0	0	0	0	0	2017	2019
Cannon - Sherman to Sanford	0	100	100	0	1,700	0	0	0	0	0	2017	2020
Cannon - Sanford to Victoria	0	0	100	100	2,300	0	0	0	0	0	2018	2020
Cheever - Barton to Birge and Birge - Cheever to Wentworth - Council Priority	0	0	620	0	0	0	0	0	0	0	2018	2018

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Asset Preservation - Colborne Neighbourhood	0	0	0	0	500	0	0	0	0	0	2020	2020
Asset Preservation - Stipeley Neighbourhood (North)	0	0	0	0	0	1,200	0	0	0	0	2021	2021
Sanford - Main to Cannon	0	0	0	0	0	0	1,480	0	0	0	2022	2022
Main - Wentworth to Sherman	0	0	0	0	0	0	500	0	0	0	2022	2022
Main - Sherman to King	0	0	0	0	0	0	1,000	0	0	0	2022	2022
Sanford - Cannon to Barton	0	0	0	0	0	0	230	0	0	0	2022	2022
Wentworth - Barton to Burlington	0	0	0	0	0	0	0	810	0	0	2023	2023
Asset Preservation - Industrial Sector A and Keith Neighbourhood	0	0	0	0	0	0	0	1,500	0	0	2023	2023
Barton - Victoria to Wentworth	0	0	0	0	0	0	0	2,580	0	0	2023	2023
Birch - Barton to Cannon	0	0	0	0	0	0	0	100	100	1,210	2023	2025
Sherman - Main to King	0	0	0	0	0	0	0	100	100	810	2023	2025
Asset Preservation - Landsdale Neighbourhood	0	0	0	0	0	0	0	0	0	2,300	2025	2025
<i>Sub - Total</i>	1,263	3,910	5,990	8,630	7,830	1,380	3,390	5,270	380	4,500		
<i>Total Public Works Tax Funded</i>	3,665	13,530	5,990	9,480	10,710	1,380	3,390	5,270	380	4,500		
<i>Total Ward 3</i>	3,765	13,630	6,090	9,580	10,810	1,480	3,490	5,370	480	4,600		

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2016 INCLUDED PROJECTS &
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FOR WARD 4**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 4 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Crown Point East Park Development	100	0	0	0	0	0	0	0	0	0	2012	2016
St. Christopher's Park	170	0	0	0	0	0	0	0	0	0	2015	2016
McQuesten Urban Fitness Trail	70	0	200	0	0	0	0	0	0	0	2016	2018
Andy Warburton Park	0	0	0	100	0	500	0	0	0	0	2019	2021
Rennie Street Works Yard - Proposed Park	0	0	0	0	0	0	500	0	0	0	2022	2022
Sub - Total	340	0	200	100	0	500	500	0	0	0		
<u>Recreation Facilities</u>												
Parkdale Outdoor Pool Redevelopment	0	1,775	0	0	0	0	0	0	0	0	2015	2018
Sir Winston Churchill Recreation Centre - Expansion & Renovation	0	0	0	350	320	2,880	0	0	0	0	2019	2022
Sub - Total	0	1,775	0	350	320	2,880	0	0	0	0		
<u>Roads</u>												
Asset Preservation - Delta East Neighbourhood	400	0	0	0	0	0	0	0	0	0	2014	2015
Council Priority - Ward 4 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Britannia / Oriole / Adair / Glassco	3,100	0	0	0	0	0	0	0	0	0	2016	2016
Brampton Yard - Salt Dome Rehabilitation	150	0	0	0	0	0	0	0	0	0	2016	2016
Bridge 327 - Burlington Street Overpass over Strathearne	0	0	200	0	2,000	0	0	0	0	0	2018	2020
Barton - Parkdale to Talbot	0	100	100	4,200	0	0	0	0	0	0	2017	2019
Britannia & Cameron (Homeside Neighbourhood)	0	1,800	0	0	0	0	0	0	0	0	2017	2017
Cannon - Kenilworth to Ottawa	0	0	100	100	2,900	0	0	0	0	0	2018	2020
Melvin - Parkdale to Woodward	0	0	100	100	0	0	2,840	0	0	0	2018	2022
Roxborough - Kenilworth to Strathearne (Homeside Neighbourhood)	0	0	1,800	0	0	0	0	0	0	0	2018	2018
Brampton - Parkdale to Strathearne	0	0	0	1,250	0	0	0	0	0	0	2019	2019

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FOR WARD 4**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Asset Preservation - Homeside Neighbourhood (South)	0	0	0	1,510	0	0	0	0	0	0	2019	2019
Burlington - Tire to MTO Limit (eastbound lanes)	0	0	0	0	1,200	0	0	0	0	0	2020	2020
Queenston - Cochrane to Reid (LRT)	0	0	0	0	980	0	0	0	0	0	2020	2020
Barton - Kenilworth to Strathearne	0	0	0	0	0	0	1,030	0	0	0	2022	2022
Asset Preservation - Homeside Neighbourhood (North)	0	0	0	0	0	0	3,500	0	0	0	2022	2022
Barton - Strathearne to Parkdale	0	0	0	0	0	0	0	960	0	0	2023	2023
Barton - Ottawa to Kenilworth	0	0	0	0	0	0	0	630	0	0	2023	2023
Melvin - Shelby to Parkdale	0	0	0	0	0	0	0	480	0	0	2023	2023
Beach - Ottawa to Kenilworth	0	0	0	0	0	0	0	440	0	0	2023	2033
Britannia - Strathearne to Parkdale	0	0	0	0	0	0	0	100	100	1,780	2023	2025
Kenilworth - Main to Merchison	0	0	0	0	0	0	0	0	990	0	2024	2024
Main - traffic circle to Adeline	0	0	0	0	0	0	0	0	0	480	2025	2025
Brampton - Parkdale to Woodward	0	0	0	0	0	0	0	0	0	100	2025	2027
<i>Sub - Total</i>	4,283	2,100	2,500	7,360	7,280	200	7,570	2,810	1,290	2,560		
<i>Total Public Works Tax Funded</i>	4,623	3,875	2,700	7,810	7,600	3,580	8,070	2,810	1,290	2,560		
<i>Total Ward 4</i>	4,723	3,975	2,800	7,910	7,700	3,680	8,170	2,910	1,390	2,660		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 5**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 5 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Ward 5 - 2016 Mountable Curbs	66	0	0	0	0	0	0	0	0	0	2016	2016
Veever's Estate Capital Grant	25	0	0	0	0	0	0	0	0	0	2016	2016
CityHousing-Community Room for Youth at Congress Cres	40	0	0	0	0	0	0	0	0	0	2016	2016
Purchase 15m by 10m Street Stadia	30	0	0	0	0	0	0	0	0	0	2016	2016
Food Centre Pilot Project - Board of Health 15-007	255	70	70	0	0	0	0	0	0	0	2016	2018
Sub - Total	516	170	170	100	100	100	100	100	100	100		
Total Council Initiatives	516	170	170	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Program - King's Forest Golf Course Improvements	0	0	0	0	0	6,042	0	0	0	0	2021	Ongoing
Sub - Total	0	0	0	0	0	6,042	0	0	0	0		
<u>O & M - Parks & Cemeteries</u>												
Rosedale Bowl - Entrance Ditching and Culvert Replacement Project	0	170	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	0	170	0	0	0	0	0	0	0	0		
<u>Open Space Development</u>												
Riverdale East Park (Oaklands) Spray Pad	450	0	0	0	0	0	0	0	0	0	2015	2016
St. Christopher's School	300	0	0	0	0	0	0	0	0	0	2016	2016
RHV Trails Master Plan - The Turtle	154	0	0	0	0	0	0	0	0	0	2016	2016
Beach Park Development Program	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Nash Orchard Park	0	0	250	250	0	0	0	0	0	0	2015	2019
Sub - Total	1,004	100	350	350	100	100	100	100	100	100		
<u>Recreation Facilities</u>												
Domenic Agostino Riverdale Community Centre - Expansion	0	500	4,500	0	0	0	0	0	0	0	2017	2019
Sir Wilfred Laurier Gymnasium Upgrades	0	400	3,600	0	0	0	0	0	0	0	2016	2019

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 5**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<i>Sub - Total</i>	0	900	8,100	0	0	0	0	0	0	0		
<u>Roads</u>												
Queenston - Pottruff to Signalized Access to Eastgate	1,550	0	0	0	0	0	0	0	0	0	2016	2018
Council Priority - Ward 5 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Asset Preservation - Red Hill Neighbourhood (South)	0	1,930	0	0	0	0	0	0	0	0	2017	2017
Centennial Bridge over the QEW - multi-use path	0	150	0	0	0	0	0	0	0	0	2017	2017
Grays - Barton to Community	0	0	0	100	100	2,500	0	0	0	0	2019	2021
Beach Boulevard - Woodward to Eastport	0	0	0	0	3,910	0	0	0	0	0	2020	2020
Asset Preservation - Vincent Neighbourhood (North)	0	0	0	0	2,400	0	0	0	0	0	2020	2020
South Service Rd - Centennial to Gray	0	0	0	0	0	0	1,960	0	0	0	2022	2022
Mount Albion - Greenhill to Hixon	0	0	0	0	0	0	590	0	0	0	2022	2022
Nash - Barton to Bancroft	0	0	0	0	0	0	0	360	0	0	2023	2023
Asset Preservation - Red Hill Neighbourhood (North)	0	0	0	0	0	0	0	2,200	0	0	2023	2023
Barton - Lake to Grays	0	0	0	0	0	0	0	0	840	0	2024	2024
Van Wagners Beach & Nash	0	0	0	0	0	0	0	0	800	0	2024	2024
Asset Preservation - Riverdale East Neighbourhood	0	0	0	0	0	0	0	0	0	1,800	2025	2025
<i>Sub - Total</i>	2,183	2,280	200	300	6,610	2,700	2,750	2,760	1,840	2,000		
<i>Total Public Works Tax Funded</i>	3,187	3,450	8,650	650	6,710	8,842	2,850	2,860	1,940	2,100		
<i>Total Ward 5</i>	3,703	3,620	8,820	750	6,810	8,942	2,950	2,960	2,040	2,200		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 6**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 6 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Animal Control Facility Design and Repairs	75	0	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	75	0	0	0	0	0	0	0	0	0		
<u>Forestry & Horticulture</u>												
Ward 6 Traffic Island Conversions	92	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	92	0	0	0	0	0	0	0	0	0		
<u>Open Space Development</u>												
Vincent Massey Park Development	544	0	0	0	0	0	0	0	0	0	2015	2016
Bobolink Replacement Habitat	100	0	0	0	0	60	0	0	0	0	2016	2021
Mohawk Sports Park Sportsfield Lighting	0	0	0	0	0	0	84	0	373	0	2022	2024
Sub - Total	644	0	0	0	0	60	84	0	373	0		
<u>Recreation Facilities</u>												
Bernie Arbour Stadium - Upgrades	150	0	0	0	0	0	0	0	0	0	2016	2017
Bobby Kerr & Trenholme Park Washroom Facilities	850	0	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	1,000	0	0	0	0	0	0	0	0	0		
<u>Roads</u>												
Asset Preservation - Berrisfield Neighbourhood (South Section)	2,000	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 6 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Mohawk - Upper Ottawa to Upper Kenilworth	100	100	2,800	0	0	0	0	0	0	0	2016	2018
RHBP - Dartnall - Stone Church to Rymal	600	4,400	0	0	0	0	0	0	0	0	2016	2017
Area Rating - Mohawk - Upper Gage to Upper Ottawa	880	0	0	0	0	0	0	0	0	0	2016	2016

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 6**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Area Rating - Upper Ottawa - Reno to Brucedale	0	1,150	0	0	0	0	0	0	0	0	2017	2017
Area Rating - Fennell - Upper Gage to Upper Ottawa	0	800	0	0	0	0	0	0	0	0	2017	2017
Area Rating - Upper Gage Ave - Seventh to Concession	0	0	940	0	0	0	0	0	0	0	2018	2018
Upper Ottawa - Stone Church to Reno	0	0	0	1,850	0	0	0	0	0	0	2019	2019
Upper Gage - Mohawk to Seventh Ave	0	0	0	0	0	800	0	0	0	0	2021	2021
Concession/Mountain Brow - Upper Gage to Upper Ottawa	0	0	0	0	0	0	600	0	0	0	2022	2022
Asset Preservation - Sherwood Neighbourhood	0	0	0	0	0	0	2,000	0	0	0	2022	2022
Upper Ottawa - Rymal to Stone Church	0	0	0	0	0	0	0	920	0	0	2023	2023
Mohawk - Upper Kenilworth to Mountain Brow	0	0	0	0	0	0	0	0	560	0	2024	2024
Rymal - Upper Gage to Upper Ottawa	0	0	0	0	0	0	0	0	0	100	2025	2027
<i>Sub - Total</i>	4,213	6,650	3,940	2,050	200	1,000	2,800	1,120	760	300		
<i>Total Public Works Tax Funded</i>	6,024	6,650	3,940	2,050	200	1,060	2,884	1,120	1,133	300		
<i>Total Ward 6</i>	6,124	6,750	4,040	2,150	300	1,160	2,984	1,220	1,233	400		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 7**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 7 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Improvements to Inch Park	25	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	125	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	125	100	100	100	100	100	100	100	100	100		
<u>Outside Boards & Agencies</u>												
<u>CityHousing Hamilton</u>												
Renovations and /or Repair to Ward 7 CityHousing Units	800	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	800	0	0	0	0	0	0	0	0	0		
Total Outside Boards & Agencies	800	0	0	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Sam Lawrence Park	170	0	0	0	0	0	0	0	0	0	2016	2016
Turner Park Ball Field Irrigation	100	0	100	0	0	0	0	0	0	0	2016	2018
Olmstead Natural Open Space	0	50	0	0	0	0	0	0	0	0	2008	2017
Vern Ames (Berko) Park Development	0	0	495	0	0	0	0	0	0	0	2012	2018
Billy Sherring	0	0	0	0	0	0	0	0	0	2,452	2025	2025
Tennis Court Improvements	0	0	0	0	0	0	0	0	0	200	2025	2025
Sub - Total	270	50	595	0	0	0	0	0	0	2,652		
<u>Recreation Facilities</u>												
Hill Park Recreation Centre - Renovation	0	0	2,500	0	0	0	0	0	0	0	2018	2019
Turner Park - Parking Lot	0	550	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	0	550	2,500	0	0	0	0	0	0	0		
<u>Roads</u>												
Upper Sherman - Stone Church to LINC	2,800	0	0	0	0	0	0	0	0	0	2014	2016
Upper Sherman - Rymal to Stone Church	500	3,200	0	0	0	0	0	0	0	0	2015	2017
Council Priority - Ward 7 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 7**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Asset Preservation - Burkholme Neighbourhood	0	0	3,030	0	0	0	0	0	0	0	2018	2018
Brucedale - Upper Wentworth to Upper Sherman (Eastmount Neighbourhood)	0	0	1,950	0	0	0	0	0	0	0	2018	2018
Mackenzie - East 27th to Upper Sherman (Burkholme Neighbourhood)	0	0	310	0	0	0	0	0	0	0	2018	2018
Asset Preservation - Eastmount Neighbourhood	0	0	0	1,310	0	0	0	0	0	0	2019	2019
Asset Preservation - Balfour Neighbourhood	0	0	0	1,700	0	0	0	0	0	0	2019	2019
Upper Wellington - Stone Church to Towercrest	0	0	0	100	100	2,770	0	0	0	0	2019	2021
Rymal - Upper James to Upper Wellington	0	0	0	0	100	100	3,230	0	0	0	2020	2022
Upper Wellington - Bryna to Mohawk	0	0	0	0	0	630	0	0	0	0	2021	2021
Fennell - Upper James to Upper Wellington	0	0	0	0	0	0	2,900	0	0	0	2022	2022
Rymal - Upper Wellington to Upper Wentworth	0	0	0	0	0	0	0	100	100	0	2023	2026
Rymal - Upper Wentworth to Upper Sherman	0	0	0	0	0	0	0	0	100	100	2024	2026
<i>Sub - Total</i>	3,933	3,400	5,490	3,310	400	3,700	6,330	300	400	300		
<i>Total Public Works Tax Funded</i>	4,203	4,000	8,585	3,310	400	3,700	6,330	300	400	2,952		
<i>Total Ward 7</i>	5,128	4,100	8,685	3,410	500	3,800	6,430	400	500	3,052		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 8**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Council Initiatives</u>												
<u>Area Rating Special Capital Reinvestment</u>												
Ward 8 Capital Reinvestment	100	100	100	100	100	100	100	100	100	100	2016	Ongoing
Sub - Total	100	100	100	100	100	100	100	100	100	100		
Total Council Initiatives	100	100	100	100	100	100	100	100	100	100		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
William Connell Community Park	3,800	0	1,000	0	1,200	0	0	0	0	0	2013	2020
Carpenter Park Redevelopment (Paradise Meadows Subdivision)	69	450	0	0	0	0	0	0	0	0	2006	2017
Garth Street Reservoir	0	0	0	0	0	0	0	70	200	0	2023	2023
Sheldon Neighbourhood Park	0	0	0	0	0	0	0	0	1,090	0	2024	2024
Sub - Total	3,869	450	1,000	0	1,200	0	0	70	1,290	0		
<u>Recreation Facilities</u>												
Chedoke Arena Roof	600	0	0	0	0	0	0	0	0	0	2015	2017
William Schwenger Park Washroom Facility	500	0	0	0	0	0	0	0	0	0	2016	2017
William Connell Park Washroom Facility	960	0	0	0	0	0	0	0	0	0	2016	2016
Chedoke Splashpad Redevelopment	0	0	0	0	500	0	0	0	0	0	2015	2020
Sub - Total	2,060	0	0	0	500	0	0	0	0	0		
<u>Roads</u>												
Rice - Chedmac to Mohawk & Sanatorium - Rice to W33rd	470	0	0	0	0	0	0	0	0	0	2015	2016
Rymal - Upper Paradise to Garth	4,660	0	0	0	0	0	0	0	0	0	2015	2016
Council Priority - Ward 8 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
West 35th - Scenic to end	760	0	0	0	0	0	0	0	0	0	2016	2016
Rymal W - Garth to West 5th	0	5,740	0	0	0	0	0	0	0	0	2014	2017
Asset Preservation - Yeoville Neighbourhood	0	1,330	0	0	0	0	0	0	0	0	2017	2017
Sanatorium/Westaway/W17th/W18th (Buchanan Neighbourhood)	0	2,720	0	0	0	0	0	0	0	0	2017	2017
Columbia/Hudson/Leadale/Marcus/Stacey/Verona (Buchanan Neighbourhood)	0	0	2,670	0	0	0	0	0	0	0	2018	2018
Rymal - Glancaster to Upper Paradise	0	0	0	100	100	2,130	0	0	0	0	2019	2021

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 8**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
South Bend & Delmar (Buchanan Neighbourhood)	0	0	0	1,710	0	0	0	0	0	0	2019	2019
Asset Preservation - Buchanan Neighbourhood	0	0	0	0	1,510	0	0	0	0	0	2020	2020
West 5th - Rymal to Stone Church (SMA)	0	0	0	0	100	2,100	0	0	0	0	2020	2021
Scenic - Chateau Crt to Upper Paradise	0	0	0	0	0	1,000	0	0	0	0	2021	2021
Asset Preservation - Bonnington Neighbourhood	0	0	0	0	0	2,200	0	0	0	0	2021	2021
Asset Preservation - Southam Neighbourhood	0	0	0	0	0	1,000	0	0	0	0	2021	2021
Scenic - Upper Paradise to Garth & Denlow	0	0	0	0	0	100	100	2,980	0	0	2021	2023
Upper Paradise - Sanatorium to Scenic	0	0	0	0	0	0	740	0	0	0	2022	2022
Asset Preservation - Mountview Neighbourhood	0	0	0	0	0	0	0	0	4,500	0	2024	2024
Asset Preservation - Fessenden Neighbourhood	0	0	0	0	0	0	0	0	1,400	0	2024	2024
<i>Sub - Total</i>	6,523	9,990	2,870	2,010	1,910	8,730	1,040	3,180	6,100	200		
<i>Total Public Works Tax Funded</i>	12,452	10,440	3,870	2,010	3,610	8,730	1,040	3,250	7,390	200		
<i>Total Ward 8</i>	12,552	10,540	3,970	2,110	3,710	8,830	1,140	3,350	7,490	300		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 9**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Outside Boards & Agencies</u>												
<u>Hamilton Public Library</u>												
Valley Park Library Expansion	0	1,010	1,905	0	0	0	0	0	0	0	2016	2018
Sub - Total	0	1,010	1,905	0	0	0	0	0	0	0		
Total Outside Boards & Agencies	0	1,010	1,905	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Heritage Green Community Sports Park Phase II & Trail Link	0	684	0	0	0	0	0	0	0	0	2015	2017
Highbury Meadows North Park (Proposed)	0	0	125	500	0	0	0	0	0	0	2018	2019
Cline Park Redevelopment	0	0	60	500	0	0	0	0	0	0	2018	2019
Upper Stoney Creek Spray Pad	0	0	0	100	400	0	0	0	0	0	2019	2020
Highland Road Park (Proposed)	0	0	0	0	0	0	0	90	0	600	2023	2023
Sub - Total	0	684	185	1,100	400	0	0	90	0	600		
<u>Recreation Facilities</u>												
Valley Park Community Centre Fit-up	0	300	300	0	0	0	0	0	0	0	2017	2018
Sub - Total	0	300	300	0	0	0	0	0	0	0		
<u>Roads</u>												
Mountain Ave - Jones to Lake Ave & Gemma	590	0	0	0	0	0	0	0	0	0	2016	2016
Asset Preservation - Stoney Creek Neighbourhood (South)	850	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 9 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Upper Mount Albion - Stone Church to Rymal	2,750	0	0	0	0	0	0	0	0	0	2016	2016
New Traffic Signal - Rymal Rd and Second Rd West	150	0	0	0	0	0	0	0	0	0	2016	2016
Bridge 049 - Collegiate Ave, 30m w/o Donn Ave	0	100	150	100	950	0	0	0	0	0	2017	2020
Bridge 048 - Jones St, 110m w/o King St E	0	0	0	0	100	150	100	0	860	0	2020	2024
Mud - Paramount to Upper Centennial Parkway	0	0	0	0	0	2,150	0	0	0	0	2021	2021
Asset Preservation - Battlefield Neighbourhood	0	0	0	0	0	2,600	0	0	0	0	2021	2021
Paramount - Winterberry to Mud (south side of Mud)	0	0	0	0	0	0	1,000	0	0	0	2022	2022

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 9**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Lake Avenue - Queenston to Barton	0	0	0	0	0	0	0	100	100	3,200	2023	2025
Paramount - Amberwood to Old Mud	0	0	0	0	0	0	0	0	0	930	2025	2025
Paramount - Mud to Amberwood	0	0	0	0	0	0	0	0	0	1,100	2025	2025
<i>Sub - Total</i>	4,973	300	350	300	1,250	5,100	1,300	300	1,160	5,430		
<i>Total Public Works Tax Funded</i>	4,973	1,284	835	1,400	1,650	5,100	1,300	390	1,160	6,030		
<i>Total Ward 9</i>	4,973	2,294	2,740	1,400	1,650	5,100	1,300	390	1,160	6,030		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 10**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Cherry Beach Lakefront Park & Acquisition & Shoreline Protection	3,330	0	0	0	500	0	0	0	0	0	2013	2016
Hunter Estates Park Sun Shelter	0	0	0	0	0	0	0	0	0	60	2025	2025
Sub - Total	3,330	0	0	0	500	0	0	0	0	60		
<u>Recreation Facilities</u>												
Corman Park Washroom/Storage Facility	0	0	50	300	0	0	0	0	0	0	2018	2020
Sub - Total	0	0	50	300	0	0	0	0	0	0		
<u>Roads</u>												
Asset Preservation - South Meadow Neighbourhood	3,040	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 10 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
King - Stoney Brook to Highway No. 8	0	0	0	1,290	0	0	0	0	0	0	2019	2019
Dewitt - Hwy 8 to Barton	0	0	0	0	0	0	0	630	0	0	2023	2023
Asset Preservation - Dewitt Neighbourhood	0	0	0	0	0	0	0	1,300	0	0	2023	2023
Barton - Gray to Green	0	0	0	0	0	0	0	0	2,700	0	2024	2024
Sub - Total	3,673	200	200	1,490	200	200	200	2,130	2,900	200		
Total Public Works Tax Funded	7,003	200	250	1,790	700	200	200	2,130	2,900	260		
Total Ward 10	7,003	200	250	1,790	700	200	200	2,130	2,900	260		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 11**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Outside Boards & Agencies</u>												
<u>Hamilton Public Library</u>												
Binbrook Library Branch New Construction	1,365	0	0	0	0	0	0	0	0	0	2012	2016
Sub - Total	1,365	0	0	0	0	0	0	0	0	0		
Total Outside Boards & Agencies	1,365	0	0	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
MTC-CNG – Facility Upgrades	1,309	0	0	0	0	0	0	0	0	0	2016	2016
Stoney Creek City Hall -RCMP Lease Capital Replacement	210	210	210	210	210	210	210	210	210	210	2016	Ongoing
Sub - Total	1,519	210	210	210	210	210	210	210	210	210		
<u>Open Space Development</u>												
Mount Hope Park Development	300	0	0	0	0	0	0	0	0	0	2014	2016
Glanbrook Hills Park (Proposed)	695	0	0	0	0	0	0	0	0	0	2015	2016
Summerlea East and West Trail	175	0	0	0	0	0	0	0	0	0	2016	2016
Trillium Gardens Park (Proposed)	0	300	0	0	0	0	0	0	0	0	2012	2017
Mountaingate North Park - Developer Build	0	500	0	0	0	0	0	0	0	0	2015	2017
Caterini Park (Glancaster)	0	250	0	0	0	0	0	0	0	0	2017	2017
Fruitland/Winona Parkland	0	0	7,200	0	1,100	0	0	0	0	0	2018	2020
Lewis Road Park (Winona)	0	0	0	1,154	0	0	0	0	0	0	2019	2019
Fletcher Road Parkette (Proposed)	0	0	0	0	50	0	120	0	0	0	2020	2022
The Crossings Park (Proposed)	0	0	0	0	0	0	95	0	650	0	2022	2023
Brooks @ Rymal Park (Proposed)	0	0	0	0	0	0	0	85	0	700	2023	2025
Sub - Total	1,170	1,050	7,200	1,154	1,150	0	215	85	650	700		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 11**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Recreation Facilities</u>												
Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,030	600	0	0	0	0	0	0	0	0	2016	2018
Stoney Creek Recreation Centre	0	2,000	19,000	0	0	0	0	0	0	0	2017	2019
Sub - Total	1,030	2,600	19,000	0	0	0	0	0	0	0		
<u>Roads</u>												
Bridge 417 - Harrison Rd, 310m n/o Hall Rd	100	0	480	0	0	0	0	0	0	0	2014	2018
Bridge 447 - Bell Rd, 475m w/o Berry Rd	100	420	0	0	0	0	0	0	0	0	2014	2017
Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	100	0	330	0	0	0	0	0	0	0	2015	2018
Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	100	0	380	0	0	0	0	0	0	0	2015	2018
Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	100	0	340	0	0	0	0	0	0	0	2015	2018
Nebo - Rymal to Twenty	100	4,650	0	0	0	0	0	0	0	0	2015	2017
Council Priority - Ward 11 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Bridge 355 – White Church Rd, 130m e/o Miles Rd	100	500	0	0	0	0	0	0	0	0	2016	2017
Garth Street Extension Class EA	280	0	0	0	0	0	0	0	0	0	2016	2016
Binbrook - Royal Winter/Binhaven to Fletcher	0	0	4,500	0	0	0	0	0	0	0	2016	2018
Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	0	50	100	0	1,000	0	0	0	0	0	2017	2020
Bridge 359 - Blackheath to 495m n/o Hall Rd	0	0	50	100	0	500	0	0	0	0	2018	2021
Bridge 433 - Westbrook Road, 135m n/o Regional Rd 9A	0	0	100	250	0	0	0	0	0	0	2018	2019
Arvin Ave - Jones to existing West end	0	0	1,000	0	0	0	0	0	0	0	2018	2018
Ridge - First Rd E to Second Rd E	0	0	0	0	570	0	0	0	0	0	2020	2020
Fifty Road Escarpment Access	0	0	0	0	100	100	1,100	0	0	0	2020	2022
RHBP - Dartnall Road Extension - Twenty to Dickenson	0	0	0	0	3,120	0	0	0	0	0	2020	2020
RHBP - Dickenson - w/o Nebo to w/o Glover	0	0	0	0	3,860	0	0	0	0	0	2020	2020
Highway 8 - Millikin Dr to east City boundary	0	0	0	0	860	0	0	0	0	0	2020	2020
White Church Rd W - Glancaster to Highway 6 overpass	0	0	0	0	0	1,240	0	0	0	0	2021	2021
Nebo - Whitechurch to Airport	0	0	0	0	0	0	780	0	0	0	2022	2022
Dickenson - Upper James to Miles	0	0	0	0	0	0	1,620	0	0	0	2022	2022
McNeilly Road Escarpment Access	0	0	0	0	0	0	0	100	930	0	2023	2024
Harrison - Haldibrook to Hall	0	0	0	0	0	0	0	630	0	0	2023	2023
Airport - Homestead Rd to Hwy 6 Ramp	0	0	0	0	0	0	0	0	660	0	2024	2024
Blackheath - Haldibrook to north end	0	0	0	0	0	0	0	0	960	0	2024	2024

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 11**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Second Rd E - Mud to Green Mountain	0	0	0	0	0	0	0	0	640	0	2024	2024
Constellation Dr - Glover to McNeilly	0	0	0	0	0	0	0	0	1,770	0	2024	2024
<i>Sub - Total</i>	1,613	5,820	7,480	550	9,710	2,040	3,700	930	5,160	200		
<i>Total Public Works Tax Funded</i>	5,332	9,680	33,890	1,914	11,070	2,250	4,125	1,225	6,020	1,110		
<i>Total Ward 11</i>	6,697	9,680	33,890	1,914	11,070	2,250	4,125	1,225	6,020	1,110		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 12**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Planning & Economic Development</u>												
<u>Tourism & Culture</u>												
Expansion of Griffin House National Historic Site - Canada 150 Grant	205	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	205	0	0	0	0	0	0	0	0	0		
Total Planning & Economic Development	205	0	0	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Ancaster Memorial Arts & Culture Centre	1,200	11,200	0	0	0	0	0	0	0	0	2016	2019
Sub - Total	1,200	11,200	0	0	0	0	0	0	0	0		
<u>Open Space Development</u>												
Ancaster Community Centre Ball Diamond Lighting	425	0	0	0	0	0	0	0	0	0	2012	2016
Meadowlands Park Phase 8 & 10	500	0	0	0	0	0	0	0	0	0	2015	2016
Shaver Estates Trail	0	535	0	0	0	0	0	0	0	0	2012	2017
Ancaster Meadows Park (Proposed)	0	70	0	500	0	0	0	0	0	0	2017	2019
Bookjans West Proposed Park (25T 200725)	0	0	70	300	0	0	0	0	0	0	2018	2019
Meadowlands Community Park	0	0	0	65	410	0	0	0	0	0	2019	2020
Bookjans East Natural Open Space (25T 200401)	0	0	0	0	0	0	50	200	0	0	2022	2023
Braithewaite Avenue Parkette (Proposed)	0	0	0	0	0	0	0	110	0	0	2023	2023
Sub - Total	925	605	70	865	410	0	50	310	0	0		
<u>Recreation Facilities</u>												
Ancaster Aquatic Centre Refurbishment	458	917	0	0	0	0	0	0	0	0	2016	2018
Sub - Total	458	917	0	0	0	0	0	0	0	0		
<u>Roads</u>												
Shaver Road Yard Drainage Rehabilitation	100	0	0	0	0	0	0	0	0	0	2015	2016
Wilson - Seminole to Fiddlers Green	700	0	0	0	0	0	0	0	0	0	2016	2016
Asset Preservation - Scenic Woods Neighbourhood	2,610	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 12 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Wilson - Hamilton to Seminole	100	2,100	0	0	0	0	0	0	0	0	2016	2017

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 12**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Garner Rd - Hwy 2 / Wilson to e/o Fiddlers	1,870	9,930	0	0	0	0	0	0	0	0	2016	2017
Bridge 372 - Wilson St E, 1700m e/o Rousseaux St (south side original culvert)	0	0	0	50	50	100	0	570	0	0	2019	2023
Golf Links - McNiven to Kitty Murray	0	0	0	0	3,070	0	0	0	0	0	2020	2020
Mohawk - McNiven to Hwy 403	0	0	0	0	0	5,000	0	0	0	0	2021	2021
Jerseyville W - Wilson to Lloyminn	0	0	0	0	0	0	2,190	0	0	0	2022	2022
Jerseyville W - Meadowbrook to Lloyminn	0	0	0	0	0	0	100	100	1,980	0	2022	2024
Asset Preservation - Old Mill Neighbourhood	0	0	0	0	0	0	0	1,100	0	0	2023	2023
Asset Preservation - St. John's Neighbourhood	0	0	0	0	0	0	0	2,400	0	0	2023	2023
Airport - Butter to Glancaster	0	0	0	0	0	0	0	0	1,280	0	2024	2024
Trinity - Wilson to Book	0	0	0	0	0	0	0	0	1,250	0	2024	2024
Southcote - Calder to Garner	0	0	0	0	0	0	0	0	100	3,050	2024	2025
Fiddlers Green - Carluke to Glancaster	0	0	0	0	0	0	0	0	1,160	0	2024	2024
<i>Sub - Total</i>	6,013	12,230	200	250	3,320	5,300	2,490	4,370	5,970	3,250		
<i>Total Public Works Tax Funded</i>	8,596	24,952	270	1,115	3,730	5,300	2,540	4,680	5,970	3,250		
<i>Total Ward 12</i>	8,801	24,952	270	1,115	3,730	5,300	2,540	4,680	5,970	3,250		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 13**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Recreation Facilities</u>												
Westoby (Olympic) Arena Roof	550	200	0	0	0	0	0	0	0	0	2016	2018
Dundas J.L.Grightmire Arena Renovation	0	2,000	2,000	0	0	0	0	0	0	0	2015	2019
Sub - Total	550	2,200	2,000	0	0	0	0	0	0	0		
<u>Roads</u>												
Bridge 088 - Mill St, 80m w/o Wellington St S	100	0	1,050	0	0	0	0	0	0	0	2014	2018
Governors - Ogilvie to Creighton	900	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 13 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Bridge 090 - McMurray St, 100m s/o of Hatt St	100	50	100	0	200	0	0	0	0	0	2016	2020
Bridge 248 - King St W, 145m w/o Bond St	0	0	1,700	0	0	0	0	0	0	0	2012	2018
Bridge 296 - Governors Rd, 45m e/o Ogilvie St	0	0	50	100	0	760	0	0	0	0	2015	2021
Governors - Creighton to Davidson	0	0	1,000	0	0	0	0	0	0	0	2018	2018
Governors – Main to Ogilvie	0	0	220	0	0	0	0	0	0	0	2018	2018
Asset Preservation - Sydenham Neighbourhood	0	0	0	1,790	0	0	0	0	0	0	2019	2019
Baldwin / Court - West St. to Dundas St.	0	0	0	600	0	0	0	0	0	0	2019	2019
Olympic - York to Cootes	0	0	0	0	880	0	0	0	0	0	2020	2020
York Rd - Newman Rd to Valley Rd	0	0	0	0	0	1,670	0	0	0	0	2021	2021
York Rd - Valley to Olympic	0	0	0	0	0	1,480	0	0	0	0	2021	2021
Main - Dundas to King	0	0	0	0	0	230	0	0	0	0	2021	2021
Hatt - Market to Main	0	0	0	0	0	0	0	100	100	2,500	2023	2025
Hatt - Bond to Market	0	0	0	0	0	0	0	100	100	2,190	2023	2025
Sub - Total	1,733	250	4,320	2,690	1,280	4,340	200	400	400	4,890		
Total Public Works Tax Funded	2,283	2,450	6,320	2,690	1,280	4,340	200	400	400	4,890		
Total Ward 13	2,283	2,450	6,320	2,690	1,280	4,340	200	400	400	4,890		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 14**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Outside Boards & Agencies</u>												
<u>Hamilton Public Library</u>												
New Library - Greenville	0	986	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	0	986	0	0	0	0	0	0	0	0		
Total Outside Boards & Agencies	0	986	0	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Spencer Creek Estates (14)	0	0	60	0	200	0	0	0	0	0	2018	2020
Sub - Total	0	0	60	0	200	0	0	0	0	0		
<u>Recreation Facilities</u>												
Freelton Park Washroom and Outdoor Ice Rink	700	0	0	0	0	0	0	0	0	0	2012	2016
Beverly Recreation Centre/School	400	1,400	0	0	0	0	0	0	0	0	2016	2017
Greenville Recreation Centre/School	1,800	0	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	2,900	1,400	0	0	0	0	0	0	0	0		
<u>Roads</u>												
Bridge 391 - Governor's Rd, 275m w/o Weir Rd	1,610	0	0	0	0	0	0	0	0	0	2012	2016
Bridge 025 - Lynden Rd, 650m n/o Highway No. 5	150	100	0	1,000	0	0	0	0	0	0	2014	2019
Bridge 450 - Highway No. 5, 150m w/o Hunter Rd	100	0	1,340	0	0	0	0	0	0	0	2014	2018
Bridge 409 - Regional Rd 97, 230m e/o Valens	100	0	660	0	0	0	0	0	0	0	2015	2018
Council Priority - Ward 14 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Bridge 108 - Indian Trail, 1025m w/o Lynden Rd	50	100	570	0	0	0	0	0	0	0	2016	2018
Bridge 385 - Westover Rd, 170m n/o Concession 4W	50	100	0	0	310	0	0	0	0	0	2016	2020
Highway 8 - Hillcrest to Park	230	0	1,150	0	0	0	0	0	0	0	2016	2018
Bridge 033 - Foxden Rd, 550m s/o Troy Rd	0	290	0	0	0	0	0	0	0	0	2014	2017
Bridge 344 - Concession 5W, 1930m e/o Brock	0	380	0	0	0	0	0	0	0	0	2014	2017
Bridge 449 - Hwy 52, 75m n/o Governors Rd	0	1,700	0	0	0	0	0	0	0	0	2014	2017
Bridge 384 - Concession 5 W, 1230m w/o Middletown Rd	0	50	100	0	330	0	0	0	0	0	2017	2020
Bridge 019 - Norman Rd, 555m e/o Sager Rd	0	0	100	50	100	0	300	0	0	0	2018	2022
Bridge 016 - Concession 4 W, 630m e/o Westover	0	0	0	50	100	0	1,000	0	0	0	2019	2022
Bridge 021 - Sager Rd, 475m n/o Patrick Rd	0	0	0	0	100	50	100	0	700	0	2020	2024

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 14**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Kirkwall - Regional 97 to private rd s/o Concession 8 W	0	0	0	0	0	1,800	0	0	0	0	2021	2021
Brock - Hwy 5 to Concession 4	0	0	0	0	0	0	1,760	0	0	0	2022	2022
Old Highway No. 8 - Hwy 8 to Hwy 8	0	0	0	0	0	0	790	0	0	0	2022	2022
Brock - Concession 5 to Concession 6	0	0	0	0	0	0	0	1,350	0	0	2023	2023
Brock - Concession 6 to Safari	0	0	0	0	0	0	0	1,350	0	0	2023	2023
Gore - Cooper to Foreman	0	0	0	0	0	0	0	1,700	0	0	2023	2023
Jerseyville - Highway 52 to Shavers / Bonham	0	0	0	0	0	0	0	0	1,550	0	2024	2024
Brock - Concession 4 to Concession 5	0	0	0	0	0	0	0	0	1,350	0	2024	2024
Cooper - Regional 97 Rd to Gore	0	0	0	0	0	0	0	0	2,100	0	2024	2024
<i>Sub - Total</i>	2,923	2,920	4,120	1,300	1,140	2,050	4,150	4,600	5,900	200		
<i>Total Public Works Tax Funded</i>	5,823	4,320	4,180	1,300	1,340	2,050	4,150	4,600	5,900	200		
<i>Total Ward 14</i>	5,823	5,306	4,180	1,300	1,340	2,050	4,150	4,600	5,900	200		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 15**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Community & Emergency Services</u>												
<u>Hamilton Fire Department</u>												
Station #31 - Waterdown	0	1,750	1,750	0	0	0	0	0	0	0	2017	2018
Carlisle Station	0	1,000	3,000	0	0	0	0	0	0	0	2017	2018
Carlisle - Fire Vehicle	0	0	718	0	0	0	0	0	0	0	2018	2018
Sub - Total	0	2,750	5,468	0	0	0	0	0	0	0		
Total Community & Emergency Services	0	2,750	5,468	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Joe Sams Leisure Park	800	700	0	0	0	2,400	0	0	0	0	2007	2021
Borers Creek Trail Link	510	0	0	0	0	0	0	0	0	0	2013	2016
Waterdown South Proposed Park 2	0	500	0	0	0	0	0	0	0	0	2017	2017
Up Country Estates Proposed Park	0	774	0	0	0	0	0	0	0	0	2017	2017
Parkside Hills	0	0	458	0	0	0	0	0	0	0	2018	2018
Waterdown South Proposed Park	0	0	500	0	0	0	0	0	0	0	2018	2018
Clear Skies Proposed Park	0	0	95	0	775	0	0	0	0	0	2018	2020
Gatesbury Park	0	0	0	89	409	0	0	0	0	0	2019	2020
Waterdown South Parkette 1 (Proposed)	0	0	0	0	0	0	0	140	0	0	2023	2023
Waterdown South Parkette 2 (Village Green)	0	0	0	0	0	0	0	155	0	0	2023	2023
Waterdown South Parkette 3 (Proposed)	0	0	0	0	0	0	0	80	0	0	2023	2023
Waterdown South Neighbourhood Proposed Park 1	0	0	0	0	0	0	0	0	0	1,042	2025	2025
Sub - Total	1,310	1,974	1,053	89	1,184	2,400	0	375	0	1,042		
<u>Roads</u>												
Bridge 451 - Hwy 5 E, 120m e/o Mill St S	100	200	0	3,500	0	0	0	0	0	0	2012	2019
Burke St/Mountain Brow Road - Waterdown	2,160	0	0	0	0	0	0	0	0	0	2012	2016
East-West Road Corridor (Waterdown By-Pass)	7,510	0	18,700	0	0	0	0	0	0	0	2013	2018
Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	150	100	0	1,000	0	0	0	0	0	0	2015	2019
Hamilton - Dundas to Rockhaven	540	0	0	0	0	0	0	0	0	0	2016	2020
Milborough Line - Carlisle Rd / Kilbride St to Derry Rd	200	0	0	0	0	0	0	0	0	0	2016	2016
Council Priority - Ward 15 Minor Rehabilitation	633	200	200	200	200	200	200	200	200	200	2016	Ongoing
Hwy 6 Signal - Concession 5 West and Hwy 6 East	1,500	120	0	0	0	0	0	0	0	0	2016	2017

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
FOR WARD 15**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Highway 5 & 6 Interchange EA & Implementation	0	10,030	0	0	0	0	0	0	0	0	2012	2017
Waterdown - Burlington Road Upgrades	0	0	6,490	4,270	0	0	0	0	0	0	2013	2019
Bridge 394 - Millgrove Side Rd, 260m s/o Concession 5 W	0	50	50	100	0	570	0	0	0	0	2017	2021
Parkside Dr Urbanization - Phase 2	0	0	220	2,720	0	0	0	0	0	0	2018	2019
Centre Rd - Concession 7 to Concession 8	0	0	0	0	1,130	0	0	0	0	0	2020	2020
Carlisle - Centre to Parkshore	0	0	0	0	570	0	0	0	0	0	2020	2020
Centre Rd - Concession 10 to Concession 11	0	0	0	0	1,130	0	0	0	0	0	2020	2020
Asset Preservation - Waterdown (South East) (s/o Dundas, e/o Howard)	0	0	0	0	2,100	0	0	0	0	0	2020	2020
Sydenham - Fallsview to Highway No. 5	0	0	0	0	0	0	1,720	0	0	0	2022	2022
Parkside - 500m w/o Boulding to Evans	0	0	0	0	0	0	910	0	0	0	2022	2022
Campbellville - Hwy 6 to Centre Rd	0	0	0	0	0	0	0	1,750	0	0	2023	2023
Asset Preservation - Waterdown (Central West) (Dundas to Parkside, Braeheid to Hamilton)	0	0	0	0	0	0	0	0	0	1,700	2025	2025
<i>Sub - Total</i>	12,793	10,700	25,660	11,790	5,130	770	2,830	1,950	200	1,900		
<i>Total Public Works Tax Funded</i>	14,103	12,674	26,713	11,879	6,314	3,170	2,830	2,325	200	2,942		
<i>Total Ward 15</i>	14,103	15,424	32,181	11,879	6,314	3,170	2,830	2,325	200	2,942		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
MULTI-WARD**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Outside Boards & Agencies</u>												
<u>Police Services</u>												
Police Station 40 (New Division 4)	0	0	0	0	0	0	0	0	0	19,674	2025	2025
Sub - Total	0	0	0	0	0	0	0	0	0	19,674		
Total Outside Boards & Agencies	0	0	0	0	0	0	0	0	0	19,674		
<u>Planning & Economic Development</u>												
<u>Planning Services</u>												
Barton Tiffany Urban Design Study Implementation	150	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	150	0	0	0	0	0	0	0	0	0		
<u>Urban Renewal</u>												
Implementation of the Barton/Kenilworth Commercial Corridor Study	400	250	250	250	250	250	250	250	250	250	2016	2026
2016 Commercial Facade Grant	200	100	100	100	100	100	100	100	100	100	2016	2018
2016 Commercial Property Improvement Grant	400	400	400	400	400	400	400	400	400	400	2016	2018
2016 Community Downtowns & BIA	224	224	224	224	224	224	224	224	224	224	2016	2017
2016 Heritage Property Improvement Grants	100	100	100	100	100	100	100	100	100	100	2016	2018
2016 Comprehensive Way Finding	186	100	100	0	0	0	0	0	0	0	2016	2018
Sub - Total	1,510	1,174	1,174	1,074	1,074	1,074	1,074	1,074	1,074	1,074		
Total Planning & Economic Development	1,660	1,174	1,174	1,074	1,074	1,074	1,074	1,074	1,074	1,074		
<u>Public Works Tax Funded</u>												
<u>O & M - Parks & Cemeteries</u>												
Kenilworth Escarpment Stairs	0	250	0	0	0	0	0	0	0	0	2017	Ongoing
Sub - Total	0	250	0	0	0	0	0	0	0	0		
<u>Open Space Development</u>												
W4 Pipeline Trail	200	0	600	0	600	0	0	0	0	0	2016	2020
Open Space Replacement Strategy-East Mtn Trail Loop	0	300	0	0	0	0	0	0	0	0	2010	2017

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
MULTI-WARD**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Open Space Replacement Strategy - Acquisitions	0	250	0	0	0	0	0	0	0	0	2017	2017
Sub - Total	200	550	600	0	600	0	0	0	0	0		
<u>Recreation Facilities</u>												
Carlisle & Beverly Arena Accessibility Upgrades & Expansion	550	0	0	300	2,800	0	0	0	0	0	2016	2021
Sub - Total	550	0	0	300	2,800	0	0	0	0	0		
<u>Roads</u>												
Bridge 397 - Glancaster Rd, 325m s/o Butter Rd	100	0	570	0	0	0	0	0	0	0	2014	2018
Rymal - Fletcher to Upper Centennial	110	0	12,100	0	0	0	0	0	0	0	2015	2018
Sherman Access Retaining Wall Replacement	800	0	0	0	0	0	0	0	0	0	2016	2016
Preventative Maintenance Program	2,000	2,000	2,000	2,000	2,000	2,000	5,000	5,000	5,000	5,000	2016	Ongoing
Winterberry Drive, Mud St/LINC to Old Mud St	130	0	0	0	0	0	0	0	0	0	2016	2016
Area Rating - Mohawk - Upper Sherman to Upper Gage	680	0	0	0	0	0	0	0	0	0	2016	2016
New Traffic Signal Installation Program	2,380	0	0	0	0	0	0	0	0	0	2016	Ongoing
IPS - Intersection Pedestrian Signal	550	700	700	700	700	700	700	700	700	700	2016	Ongoing
Burlington & Industrial - Ottawa to Kenilworth	0	4,390	0	0	0	0	0	0	0	0	2013	2017
Highway 8 - Bridge over Spencer Creek to Hillcrest	0	0	1,850	0	0	0	0	0	0	0	2015	2018
York - McQuesten Bridge to Hamilton/Burlington boundary	0	1,240	0	0	0	0	0	0	0	0	2017	2017
Bridge 452 - Centennial Pkwy, 990m n/o Ridge	0	100	100	0	1,500	0	0	0	0	0	2017	2020
Highway 8 Improvements Class EA (Stoney Creek)	0	220	0	0	0	0	0	0	0	0	2017	2017
Osler - South St to West Park	0	0	100	2,020	0	0	0	0	0	0	2018	2019
Bridge 325 - Queenston over Red Hill Creek Expressway	0	0	0	0	880	0	0	0	0	0	2020	2020
Mud - Winterberry to Paramount	0	0	0	0	0	1,340	0	0	0	0	2021	2021
Upper Sherman - Mohawk to Fennell	0	0	0	0	0	0	860	0	0	0	2022	2022
Upper Gage - LINC to Mohawk	0	0	0	0	0	0	930	0	0	0	2022	2022
Main - Wellington to Wentworth	0	0	0	0	0	0	500	0	0	0	2022	2022

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
MULTI-WARD**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Scenic - Mohawk to Chateau Crt	0	0	0	0	0	0	840	0	0	0	2022	2022
Gray - King to Hwy 8	0	0	0	0	0	0	0	510	0	0	2023	2023
Lake Avenue - Barton to South Service	0	0	0	0	0	0	0	100	100	1,500	2023	2025
Rymal - Upper Sherman to Upper Gage	0	0	0	0	0	0	0	0	100	100	2024	2026
Lawrence - Gage to Kenilworth	0	0	0	0	0	0	0	0	0	720	2025	2025
Upper Sherman - Fennell to Concession	0	0	0	0	0	0	0	0	0	780	2025	2025
<i>Sub - Total</i>	6,750	8,650	17,420	4,720	5,080	4,040	8,830	6,310	5,900	8,800		
<i>Total Public Works Tax Funded</i>	7,500	9,450	18,020	5,020	8,480	4,040	8,830	6,310	5,900	8,800		
<i>Total Multi-Ward Projects</i>	9,160	10,624	19,194	6,094	9,554	5,114	9,904	7,384	6,974	29,548		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>City Manager</u>												
<u>City Manager</u>												
Employee Survey - 2016	200	0	0	200	0	0	200	0	0	200	2016	2016
Service Delivery Improvements	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Sub - Total	350	150	150	350	150	150	350	150	150	350		
Total City Manager	350	150	150	350	150	150	350	150	150	350		
<u>Community & Emergency Services</u>												
<u>Community Services - Other Divisions</u>												
CES Accomodations	90	0	0	0	0	0	0	0	0	0	2016	2017
Neighbourhood Strategy	0	300	300	300	300	300	300	300	300	300	2011	2025
Sub - Total	90	300	300	300	300	300	300	300	300	300		
<u>Hamilton Fire Department</u>												
Annual Fire Equipment Replacement	635	651	587	628	769	1,675	2,151	992	1,153	753	2016	Ongoing
Annual Fire Vehicle Replacement	4,595	2,950	4,165	5,355	4,236	1,166	3,190	1,666	602	1,570	2016	Ongoing
Sub - Total	5,230	3,601	4,752	5,983	5,005	2,841	5,341	2,658	1,755	2,323		
<u>Hamilton Paramedic Service</u>												
New Ambulances 2015 & 2016	508	0	0	0	0	0	0	0	0	0	2016	2016
Annual Paramedic Service Vehicle Replacement	722	666	229	1,908	1,398	2,429	813	751	258	2,149	2016	2016
Annual Paramedic Service Equipment Replacement	220	126	602	101	1,655	80	1,999	633	236	30	2016	2016
Sub - Total	1,450	792	831	2,009	3,053	2,509	2,812	1,384	494	2,179		
<u>Housing Services</u>												
Social Housing Capital Repairs and Regeneration-Block Portion	1,500	500	500	500	500	500	500	500	500	500	2016	Ongoing
Social Housing Capital Repairs and Regeneration	0	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	3,240	2016	Ongoing
Increasing Affordable Rental Housing Units in Hamilton	0	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	2016	2025
Renovating ownership and privately owned rental units	0	1,930	1,930	1,930	1,930	1,930	1,930	1,930	1,930	1,930	2016	2025
Hamilton's Community Bed Bug Strategy	0	380	265	0	0	0	0	0	0	0	2016	2019

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Community & Emergency Services</u>												
<u>Housing Services</u>												
Capital Infrastructure Emergency Shelters	0	150	150	150	150	150	150	150	150	150	2016	2016
Sub - Total	1,500	13,700	13,585	13,320	13,320	13,320	13,320	13,320	13,320	13,320		
<u>Long Term Care Homes</u>												
Macassa Lodge - Replacements and Refurbishments	600	0	0	0	0	0	0	0	0	0	2013	2016
Macassa and Wentworth Lodge - Tub and Shower Chair Replacement	30	135	0	0	0	0	0	0	0	0	2016	2016
Macassa Lodge - Call Bell System	500	200	0	0	0	0	0	0	0	0	2015	2016
Wentworth Lodge - Tubroom Renovations	140	0	0	0	0	0	0	0	0	0	2016	2016
Macassa Lodge & Wentworth Lodge - Lift Replacement	100	25	0	0	0	0	0	0	0	0	2016	2016
Macassa and Wentworth Lodge - Lighting	720	0	0	0	0	0	0	0	0	0	2016	2016
Macassa-D Wing- Refurbishment	0	50	0	0	0	0	0	0	0	0	2017	2017
Macassa Lodge-Refurbish Basement	0	0	0	0	50	750	750	0	0	0	2020	2022
Macassa and Wentworth Lodge - Exterior Lighting	0	100	0	0	0	0	0	0	0	0	2017	2017
Macassa Lodge - Security System	0	0	200	0	0	0	0	0	0	0	2018	2018
Macassa Lodge - Building Components Study	0	53	0	0	0	0	0	0	0	0	2017	2017
Macassa Parking Lot Resurface	0	400	0	0	0	0	0	0	0	0	2017	2017
Macassa Lodge-Refurbishment of the A Wing	0	0	150	1,000	0	0	0	0	0	0	2018	2019
Wentworth Lodge - 1989 Wing Roof Replacement	0	0	350	0	0	0	0	0	0	0	2018	2018
Macassa Lodge - 1996 A Wing Flooring	0	0	0	0	1,000	0	0	0	0	0	2020	2020
Sub - Total	2,090	963	700	1,000	1,050	750	750	0	0	0		
Total Community & Emergency Services	10,360	19,356	20,168	22,612	22,728	19,720	22,523	17,662	15,869	18,122		
<u>Corporate Services</u>												
<u>Finance</u>												
DC Exemptions Recovery	2,000	3,000	4,000	5,000	6,000	6,000	6,000	6,000	6,000	6,000	2015	2015

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Corporate Services</u>												
<u>Finance</u>												
Capital Budget System Upgrade	0	0	50	0	0	50	0	0	0	0	2015	2021
Budget and Business Planning System Solution	0	200	200	0	0	0	0	0	0	0	2016	2018
Sub - Total	2,000	3,200	4,250	5,000	6,000	6,050	6,000	6,000	6,000	6,000		
<u>Information Technology (IT)</u>												
Common Address Database (on behalf of all Departments)	475	0	0	0	0	0	0	0	0	0	2013	2016
Geographic Information Systems (GIS) Upgrades-Enterprise Wide Project	90	0	0	0	0	0	0	0	0	0	2013	2016
IT Security	100	88	13	0	0	0	0	0	0	0	2016	2018
Mobile Workforce Improvements	0	60	0	0	0	0	0	0	0	0	2016	2017
IT Asset Management-Internal Audit	0	110	0	0	0	0	0	0	0	0	2016	2017
IT Infrastructure -Network and Datacentre Improvements	0	190	115	0	0	0	0	0	0	0	2016	2018
Sub - Total	665	448	128	0	0	0	0	0	0	0		
Total Corporate Services	2,665	3,648	4,378	5,000	6,000	6,050	6,000	6,000	6,000	6,000		
<u>Council Initiatives</u>												
<u>Corporate Projects</u>												
Confederation Park Park Redevelopment	0	4,040	2,730	1,420	2,240	730	560	985	490	0	2013	2024
Hamilton Celebrates Canada 150	0	350	240	0	0	0	0	0	0	0	2016	2018
Sub - Total	0	4,390	2,970	1,420	2,240	730	560	985	490	0		
<u>Council Strategic Projects</u>												
Randle Reef Rehabilitation Project	300	300	375	375	375	375	0	0	0	0	2009	2021
Parkland Acquisition	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	2016	Ongoing
Council Initiated Strategic Projects	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	0	2009	Ongoing
Sub - Total	1,800	3,800	3,875	3,875	3,875	3,875	3,500	3,500	1,500	1,500		
Total Council Initiatives	1,800	8,190	6,845	5,295	6,115	4,605	4,060	4,485	1,990	1,500		

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Outside Boards & Agencies</u>												
<u>CityHousing Hamilton</u>												
City Housing Contribution	1,500	500	500	500	500	500	500	500	500	500	2016	2025
Sub - Total	1,500	500	500	500	500	500	500	500	500	500		
<u>H.C.A. & Westfield Heritage Village</u>												
Hamilton Conservation Authority Critical and Safety Projects	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	2016	Ongoing
Westfield Heritage Village - Critical and/or Safety Projects	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Sub - Total	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000		
<u>Hamilton Beach Rescue (HBRU)</u>												
HBRU Renovations & Equipment Purchases	60	33	22	55	64	41	34	188	175	0	2016	Ongoing
Sub - Total	60	33	22	55	64	41	34	188	175	0		
Marine Vessel (Hike)	0	0	500	0	0	0	0	0	0	0	2018	2018
Communications Centre Expansion	0	0	0	0	500	0	0	0	0	0	2020	2020
Horse Stables	0	0	0	0	0	0	0	0	0	1,000	2025	2025
Sub - Total	0	0	500	0	500	0	0	0	0	1,000		
Total Outside Boards & Agencies	3,560	2,533	3,022	2,555	3,064	2,541	2,534	2,688	2,675	3,500		
<u>Planning & Economic Development</u>												
<u>Economic Development</u>												
Economic Development Initiatives	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	0	0	2013	Ongoing
Employment Land Banking	0	2,000	2,000	2,000	2,000	2,000	2,000	0	0	0	2016	Ongoing
Sub - Total	0	4,000	4,000	4,000	4,000	4,000	4,000	2,000	0	0		
<u>Growth Management</u>												
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	2016	Ongoing
Sub - Total	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000		

**CITY OF HAMILTON
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CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Planning & Economic Development</u>												
<u>Parking By-Law Services</u>												
Parking Lots - Surface Repairs	100	0	0	0	0	0	0	0	0	0	2014	2016
Sub - Total	100	0	0	0	0	0	0	0	0	0		
<u>Planning - General Manager's Office</u>												
AMANDA (Zoning, Condominium, Part Lot Control, Minor Variance, Consent) and Digital Submissions	255	250	200	0	0	0	0	0	0	0	2016	2018
Sub - Total	255	250	200	0	0	0	0	0	0	0		
<u>Planning - Other Divisions</u>												
Animal Services Retrofit & Renovations	65	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	65	0	0	0	0	0	0	0	0	0		
<u>Planning Services</u>												
Comprehensive Zoning By-Law	1,660	1,335	1,200	450	0	0	0	0	0	0	2003	2019
DC Intensification Study and GRIDS Update	705	705	705	0	0	0	0	0	0	0	2016	2018
Implementation of the Greater Golden Horseshoe Food and Farming Action Plan	30	30	30	0	0	0	0	0	0	0	2016	2018
Site Plan Guidelines Update	200	0	0	0	0	0	0	0	0	0	2016	2016
Parkland Dedication Official Plan Policies and By-Law	420	60	0	0	0	0	0	0	0	0	2016	2017
City Wide Employment Survey	99	92	95	115	100	105	0	0	0	0	2014	2021
Woodland Protection Strategy	0	100	0	0	0	0	0	0	0	0	2016	2017
Part IV Designation of Properties under the Ontario Heritage Act	0	60	60	60	60	60	60	60	60	0	2012	Ongoing
Sub - Total	3,114	2,382	2,090	625	160	165	60	60	60	0		
<u>Tourism & Culture</u>												
Heritage Inventory and Strategic Priorities	180	165	165	165	165	165	0	0	0	0	2009	2021
Collections Registration Preservation Project	25	125	125	125	0	0	0	0	0	0	2016	2019

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Planning & Economic Development</u>												
<u>Tourism & Culture</u>												
Dundurn Small Rooms Restoration	50	50	50	50	50	0	0	0	0	0	2016	2020
Dundurn New Entrance, Stoplight Installation & Parking Lot Improvements	1,030	275	0	0	0	0	0	0	0	0	2016	2017
Sub - Total	1,285	615	340	340	215	165	0	0	0	0		
Total Planning & Economic Development	7,819	10,247	9,630	7,965	7,375	7,330	7,060	5,060	3,060	3,000		
<u>Public Health</u>												
<u>Public Health</u>												
PHS Records and Information Management	92	0	0	0	0	0	0	0	0	0	2015	2016
Sub - Total	92	0	0	0	0	0	0	0	0	0		
Total Public Health	92	0	0	0	0	0	0	0	0	0		
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Backflow Prevention for Various Facilities	508	600	600	600	0	0	0	0	0	0	2013	2020
Program - Facility Upgrades to Hamilton Public Libraries	200	800	800	800	800	800	800	800	800	800	2016	Ongoing
Program - Firestations Facility Upgrade	200	710	710	710	710	710	710	710	710	710	2016	Ongoing
Program - Facilities Code & Legislative Compliance	880	880	880	880	880	880	880	880	880	880	2016	Ongoing
Program - Roof Management	920	920	920	920	950	950	950	950	950	950	2016	Ongoing
Program - Facility Capital Maintenance	700	700	700	700	700	700	700	700	700	700	2016	Ongoing
Program - Facilities Security	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Overhead Door Replacement Program	100	275	275	275	275	275	275	275	275	275	2016	Ongoing
Program - Parking Lot Rehabilitation	250	450	450	450	450	450	450	450	450	450	2016	Ongoing
Program Yard Capital Renewal	300	650	650	650	650	650	650	650	650	650	2016	Ongoing
Corporate Facilities Audit Program	100	100	100	100	100	100	100	200	200	200	2016	Ongoing
Archibus - Facility Maintenance Management System Upgrade	100	100	100	100	100	0	0	0	0	0	2016	Ongoing
Provincial Offences Administration Offices	9,000	0	0	0	0	0	0	0	0	0	2014	2016

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Corporate Facilities</u>												
Generator BlackOut Testing & Repairs	0	150	150	150	150	150	0	0	0	0	2013	2022
Program - First Ontario Centre Lifecycle Renewal (M&E only)	0	0	750	750	750	750	750	750	750	750	2016	Ongoing
Hamilton Place Lifecycle Replacement Program (M&E only)	0	0	535	300	85	86	215	215	215	215	2016	Ongoing
Convention Centre Lifecycle Program (M&E only)	0	0	120	165	138	275	275	275	275	275	2016	Ongoing
HVAC, Energy Efficiency Upgrades	0	400	400	400	400	400	400	400	400	400	2016	Ongoing
MRF Below Ground Demolition, Decommissioning and Filling of the Basements	0	1,000	1,000	1,000	0	0	0	0	0	0	2017	2020
Sub - Total	13,408	7,885	9,290	9,100	7,288	7,326	7,305	7,405	7,405	7,405		
<u>Fleet Services</u>												
Restoration of Municipal Fleet Fuel Sites	860	1,500	0	0	0	0	0	0	0	0	2014	2017
Street Sweeper Purchase	650	650	500	0	0	0	0	0	0	0	2014	2018
Shop Equipment Replacement	160	159	162	165	168	171	174	178	181	184	2016	Ongoing
Fleet Vehicle&Equipment Replace Program	7,511	6,085	6,280	6,500	6,700	6,900	7,000	7,500	8,000	8,200	2016	Ongoing
Sub - Total	9,181	8,394	6,942	6,665	6,868	7,071	7,174	7,678	8,181	8,384		
<u>Forestry & Horticulture</u>												
Gage Park Tropical House	1,345	0	0	0	0	0	0	0	0	0	2014	2016
Emerald Ash Borer (EAB) Management Plan Council Cost (Option 1)	2,600	2,600	2,600	2,600	2,600	2,600	2,600	0	0	0	2011	2022
Tree Planting Program	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	1,345	2016	Ongoing
Irrigation Improvements	0	0	75	0	0	0	75	0	0	0	2016	Ongoing
Small Equipment Replacement (Reserve) Program	0	60	0	0	60	0	0	60	0	0	2016	Ongoing
Sub - Total	5,290	4,005	4,020	3,945	4,005	3,945	4,020	1,405	1,345	1,345		
<u>O & M - Parks & Cemeteries</u>												
Cemetery Development	50	60	0	0	0	0	0	0	0	0	2015	2017
Cemetery Roads Rehabilitation Program	95	75	80	80	85	85	85	85	85	85	2016	Ongoing
Cemetery Building Repairs	80	95	95	95	100	100	105	105	110	110	2016	Ongoing

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>O & M - Parks & Cemeteries</u>												
Cemetery Columbarium	50	75	75	75	80	80	80	85	85	85	2016	Ongoing
Extreme Park Makeover Program	20	25	25	25	25	25	25	25	25	25	2016	Ongoing
Park Pathway Resurfacing Program	200	220	220	230	240	245	250	260	260	260	2016	Ongoing
Sports Field Rehab Program	80	50	50	50	50	50	50	50	50	50	2016	Ongoing
Bocce Court Rehab Program	40	40	40	45	45	45	45	45	50	50	2016	Ongoing
Park Sports/Security Lighting Upgrade Program	30	35	40	40	40	40	40	40	45	45	2016	Ongoing
Park Fencing Program	100	115	115	115	120	120	125	125	125	125	2016	Ongoing
Spraypad Infrastructure Rehabilitation Program	50	85	85	90	90	95	95	95	100	100	2016	Ongoing
Outdoor Ice Rink Program	50	60	60	65	65	65	65	65	65	65	2016	Ongoing
Park Bleacher Replacement Program	50	55	60	60	60	65	65	70	70	70	2016	Ongoing
Cemetery ID Sign Program	50	55	55	60	60	60	65	65	65	65	2016	Ongoing
Equipment Acquisition (DC) Program	247	247	247	247	247	247	247	247	247	247	2016	Ongoing
CSA Safety Material Replacement Program	100	110	110	115	120	120	125	130	130	130	2016	Ongoing
Playground Lifecycle Replacement Program	200	220	220	230	240	245	250	260	260	260	2016	Ongoing
Tennis Court Rehabilitation Program	70	55	60	60	65	65	70	70	75	75	2016	Ongoing
Leashfree Dog Park Program	30	80	85	85	85	90	90	90	95	95	2016	Ongoing
Trail Interpretive Panels Replacement and Rehabilitation	0	20	20	20	20	0	0	0	0	0	2014	2018
Pedestrian Bridge Replacement & Repair Program	0	80	80	85	85	85	90	90	90	95	2016	Ongoing
Stair Replacement and Repair Program	0	125	130	130	130	130	135	135	135	135	2016	Ongoing
Wrought Iron Fence Replacement - Hamilton Cemetery	0	350	0	0	0	0	0	0	0	0	2016	2017
Flagpole Replacement & Repairs Program	0	100	65	105	0	0	0	0	0	0	2016	2019
Alternative Transportation Corridor Signage	0	20	25	25	0	0	0	0	0	0	2016	2019
Cemeteries Foundations Study	0	50	0	0	0	0	0	0	0	0	2016	2016
Sportsfield Irrigation System Lifecycle Replacements	0	110	110	115	115	0	0	0	0	0	2016	2020
Small Equipment Replacement (Reserve) Program	0	75	75	80	80	80	85	85	85	85	2016	Ongoing
IPHC Program Equipment Purchases	0	565	480	205	65	0	0	0	0	0	2016	2019
Sub - Total	1,592	3,252	2,707	2,532	2,312	2,137	2,187	2,222	2,252	2,257		

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Open Space Development</u>												
Trails Master Plan Programming	211	64	50	0	1,405	1,236	1,205	1,968	0	21,000	2015	2025
Parks Testing and Reporting	50	50	50	0	0	0	50	0	50	0	2016	Ongoing
Confederation Park - Wild Waterworks - Creation of a Master Plan for the Waterpark - HCA Lead	200	0	0	0	0	0	0	0	0	0	2016	2016
Sub - Total	461	114	100	0	1,405	1,236	1,255	1,968	50	21,000		
<u>Recreation Facilities</u>												
Recreation Facilities Audit Program	80	80	80	80	80	80	80	80	80	80	2016	Ongoing
Recreation Centres WIFI	39	0	0	0	0	0	0	0	0	0	2014	2016
Program - Community Halls Retrofits	450	300	300	300	300	300	300	300	300	300	2016	Ongoing
Program - Recreation Centre Retrofits	400	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	2016	Ongoing
Program - Park & Fieldhouse Retrofits	844	450	250	250	250	250	250	250	250	250	2016	Ongoing
Program - Arena Retrofits	800	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	2016	Ongoing
Ice Plant Freon Upgrades	500	1,050	1,050	0	0	0	0	0	0	0	2016	2019
Program - Facility Capital Maintenance	395	500	500	500	500	500	500	500	500	500	2016	Ongoing
Recreation Studies	150	0	0	0	0	0	0	0	0	0	2016	2017
Class Software Licensing Fees	70	0	0	0	0	0	0	0	0	0	2016	2016
Program - Parking Lot Management	0	500	500	500	500	500	500	500	500	500	2016	Ongoing
Program - Roof Management	0	800	800	800	800	800	800	800	800	800	2016	Ongoing
Program - Exterior Structure	0	400	400	400	400	400	400	400	400	400	2016	Ongoing
Public Use Feasibility Needs & Study	0	150	150	150	150	150	150	150	150	150	2016	Ongoing
Sub - Total	3,728	6,480	6,280	5,230	5,230	5,230	5,230	5,230	5,230	5,230		
<u>Roads</u>												
Mapping Update Program	70	70	70	70	70	70	70	70	70	70	2014	2016
Highway 403 Ramp Studies	320	0	4,030	0	0	0	0	0	0	0	2015	2018
Major Road Maintenance Program	700	700	700	700	700	700	700	700	900	900	2016	Ongoing
Minor Construction Program	300	300	300	300	300	300	300	300	300	300	2016	Ongoing
Railway Roadway Crossings Rehabilitation Program	150	150	150	150	150	150	150	150	150	150	2016	Ongoing

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Railway Roadway Crossings Safety Improvements	100	100	100	100	100	0	0	0	0	0	2016	2025
New Sidewalk Program	480	490	500	510	520	530	540	550	560	570	2016	Ongoing
Semi Barrier Rehabilitation Program	200	200	200	200	200	200	200	200	200	200	2016	Ongoing
Sidewalk Rehabilitation Program	500	500	500	500	500	500	500	500	500	500	2016	Ongoing
Geotechnical Investigation Program	200	200	200	200	200	200	200	200	200	200	2016	Ongoing
Contaminated Soil & Rock Disposal Program	250	250	0	250	0	250	0	250	0	250	2016	Ongoing
Traffic Counts Program	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Fencing Rehabilitation/Replacement within the Road Allowance	50	100	150	200	200	200	200	250	250	250	2016	Ongoing
Bridge and Culvert Maintenance	2,364	1,549	1,338	1,337	2,018	2,067	2,500	2,500	2,500	2,500	2016	Ongoing
OSIM Bridge and Culvert Inspections	220	220	220	220	220	220	220	220	220	220	2016	Ongoing
Structural Investigations and Reports	400	400	400	400	400	400	400	400	400	400	2016	Ongoing
Yard Facility Maintenance and Improvement Program	250	100	100	100	100	100	100	100	100	100	2016	Ongoing
QA-QC Service Contract Program	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Roads - Small Equipment Replacement	50	50	50	50	50	50	50	50	50	50	2016	Ongoing
Road Operations and Maintenance Fleet Replacement	500	0	500	0	0	3,100	0	900	0	0	2016	2023
State of the Infrastructure - Asset Management	300	300	300	300	300	300	300	300	300	300	2016	Ongoing
Active Transportation Benchmarking	30	30	30	30	30	10	10	10	10	10	2016	Ongoing
Cordon Count Project	110	0	0	0	110	0	0	0	0	110	2016	2025
Area Specific Transportation Management Plans	350	0	0	0	0	0	0	0	0	0	2016	2016
Transportation Demand Management & Smart Commute	390	250	260	260	280	290	300	300	300	330	2016	Ongoing
Transportation Tomorrow Survey	40	40	40	40	40	40	40	40	40	40	2016	Ongoing
Development Road Urbanization	500	500	500	500	500	500	500	500	500	500	2016	Ongoing
Escarpment Slope Stabilization Program	300	300	300	300	300	300	300	300	300	300	2016	Ongoing
Street Lighting Enhancement Program	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2016	Ongoing
Street Lighting Maintenance Program	350	350	350	350	350	350	350	350	350	350	2016	Ongoing
Retaining Wall Rehabilitation Program	700	700	700	700	700	750	750	750	800	800	2016	Ongoing
Bicycle Route Improvements Program	930	1,240	800	800	800	800	800	800	800	800	2016	Ongoing

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	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Roads</u>												
Guide Rail Replacement Program	400	400	400	400	400	400	400	400	400	400	2016	Ongoing
Sound Barrier Rehabilitation Program	50	50	150	150	150	150	150	150	150	150	2016	Ongoing
ATMS – Advanced Traffic Management System	1,750	1,500	400	400	400	400	400	400	400	400	2016	Ongoing
Traffic Signal Modernization & Upgrades Program	300	300	300	300	300	300	300	300	300	300	2016	Ongoing
Traffic Signal LED Lighting Upgrade Program	400	800	800	800	800	800	800	800	800	800	2016	Ongoing
Traffic Controller Replacement Program	600	600	600	600	600	600	600	600	600	600	2016	Ongoing
Traffic Engineering - Signal Design	300	200	200	200	200	200	200	200	200	200	2016	Ongoing
APS - Accessible Pedestrian Signals	150	150	150	150	150	150	150	150	150	150	2016	Ongoing
Traffic Signal Modernization Coordinated with Engineering Services	1,230	600	600	600	600	600	600	600	600	600	2016	Ongoing
Low-Wattage Street Lighting LED Replacement	3,200	2,200	2,180	1,930	0	0	0	0	0	0	2016	2019
Rural Hot Mix Program	0	0	0	0	0	0	2,928	7,015	3,356	11,496	2016	Ongoing
Fleet Additions - Roads O&M	0	200	300	200	0	200	0	200	0	0	2016	Ongoing
LINC Rehabilitation	0	0	0	0	0	0	0	0	10,000	0	2024	2024
Roads - Alleyway Rehabilitation	0	400	400	400	400	400	400	400	400	400	2016	Ongoing
Sub - Total	21,784	18,789	21,568	16,997	15,438	18,877	18,708	24,205	29,456	27,996		
<u>Transit Services</u>												
Transit Hybrid Bus Battery Replacement	420	0	0	240	0	0	0	0	0	0	2015	2019
Transit Shelter Expansion Project	300	110	110	110	110	110	110	110	110	110	2015	2019
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	2013	Ongoing
HSR Bus Replacement Program	9,990	9,982	9,239	10,847	10,404	17,482	10,666	11,399	10,934	11,860	2016	Ongoing
Nonrevenue Vehicle Replace Program	127	85	103	170	162	69	84	84	84	84	2016	Ongoing
Security Cameras on Buses	1,700	0	0	0	0	0	0	0	0	0	2016	2016
ATS - Vehicle Replacement Program	1,997	4,045	2,048	2,073	2,099	2,659	2,739	2,821	2,905	0	2016	Ongoing
A & B-Line Passenger Amenities Phase 2	0	300	300	300	300	0	0	0	0	0	2015	2020
Replace Transit Fleet Bus Hoists	0	425	425	425	425	425	425	425	425	425	2016	Ongoing
Branding and Marketing - Launch and Implementation	0	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	2016	Ongoing
Replacement Building Security Camera Equipment	0	0	0	0	0	0	0	0	150	0	2016	2024

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<u>Public Works Tax Funded</u>												
<u>Transit Services</u>												
Rapid Ready Implementation	0	0	0	0	0	0	0	0	100	75	2016	2025
Bus Wash Rack Replacement	0	300	0	0	0	0	0	0	0	0	2016	2017
Terminal Rehabilitation	0	125	125	125	125	125	125	125	125	125	2016	Ongoing
Bus Stop/Shelter Rehabilitation	0	125	125	125	125	125	125	125	125	125	2016	Ongoing
PRESTO Equipment Replacement	0	2,000	2,235	0	0	0	0	0	0	4,825	2017	2025
Sub - Total	18,234	22,497	19,710	19,415	18,750	25,995	19,274	20,089	19,958	22,629		
<u>Waste Management</u>												
Glanbrook Landfill-Stage 3 Development	250	4,000	0	200	0	0	0	0	0	0	2009	2019
Transfer Station Door Replacement	250	0	0	0	0	0	0	0	0	0	2014	2016
New Driver/Vehicle Technology	100	0	0	0	0	0	0	0	0	0	2016	2016
MRF Equipment Upgrades	250	0	0	0	0	0	0	0	0	0	2015	2016
2020 Waste System Planning	150	200	100	0	0	0	0	0	0	0	2016	2018
Transfer Station/CRC Expansion & Capital Replacement	100	100	5,900	14,500	0	0	0	0	0	0	2015	2020
Waste Management R & D Program	190	195	205	210	215	225	230	235	245	250	2016	Ongoing
Glanbrook Landfill Capital Improvement Program	275	325	335	345	355	366	377	388	400	412	2016	Ongoing
Closed Landfill Maintenance & Capital Improvement Program	290	344	347	358	369	380	391	403	415	427	2016	Ongoing
Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	50	361	371	382	394	406	418	430	443	456	2016	Ongoing
Transfer Station/CRC Maintenance & Capital Improvement Program	140	81	83	85	87	89	91	93	95	97	2016	Ongoing
SWMMP - Planning & Approvals Program	90	270	0	0	0	0	0	0	0	0	2016	Ongoing
CCF Rolling Stock Replacement	0	1,097	0	0	0	0	0	0	0	0	2010	2021
Leaf & Yard Waste Composting Facility Relocation	0	3,013	0	0	0	0	0	0	0	0	2012	2016
Diversion Container Replacement Program	0	845	870	900	925	950	980	1,010	1,040	1,071	2016	Ongoing
MRF Roof Replacement & Repair Program	0	28	29	30	31	32	33	34	35	36	2016	Ongoing
SWMMP - Alternative Disposal Facility	0	0	0	200	200	200	0	0	0	0	2016	2026
MRF Lifecycle Replacement	0	600	3,000	21,000	0	0	0	0	0	0	2017	2020

**CITY OF HAMILTON
2016 INCLUDED PROJECTS &
2017-2025 FORECAST
CITY-WIDE**

	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>Start</u>	<u>End</u>
<u>Public Works Tax Funded</u>												
<u>Waste Management</u>												
Waste Collection Fleet Replacement	0	0	0	0	0	1,100	0	0	0	0	2016	2021
CCF Lifecycle Replacement	0	0	0	0	0	0	0	0	1,525	3,050	2024	2026
<i>Sub - Total</i>	2,135	11,459	11,240	38,210	2,576	3,748	2,520	2,593	4,198	5,799		
<u>West Harbour & Waterfront Strategic Initiatives</u>												
Ferguson - McCauley to Dock Service Road	0	0	0	0	0	0	0	0	2,870	0	2024	2024
<i>Sub - Total</i>	0	0	0	0	0	0	0	0	2,870	0		
<i>Total Public Works Tax Funded</i>	75,813	82,875	81,857	102,094	63,872	75,565	67,673	72,795	80,945	102,045		
<i>Total City-Wide Projects</i>	102,459	126,999	126,050	145,871	109,304	115,961	110,200	108,840	110,689	134,517		