



## GENERAL ISSUES COMMITTEE (CAPITAL BUDGET) REPORT 21-026

9:30 a.m.

November 26, 2021 and December 2, 2021

Due to COVID-19 and the closure of City Hall, this meeting was held virtually.

### November 26, 2021:

**Present:** Mayor F. Eisenberger, Deputy Mayor M. Pearson (Chair)  
Councillors M. Wilson, J. Farr, S. Merulla, R. Powers, E. Pauls,  
J. P. Danko, B. Clark, B. Johnson, L. Ferguson, A. VanderBeek

**Absent:** Councillors T. Whitehead, T. Jackson, N. Nann – Personal  
Councillor J. Partridge – Other City Business

### December 2, 2021:

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

**Absent:** Councillor T. Whitehead - Personal

### THE GENERAL ISSUES COMMITTEE PRESENTS REPORT 21-025, AND RESPECTFULLY RECOMMENDS:

1. **Cycling Infrastructure 2022 (PED21219/PW21068) (City Wide) (Item 5.1)  
(November 26, 2021)**

That Report PED21219/PW21068, respecting Cycling Infrastructure 2022, be received.

**2. 2022 Tax Supported Capital Budget Update (FCS21096(a)) (City Wide) (Item 5.1) (December 2, 2021)**

That Report FCS21096(a), respecting the 2022 Tax Supported Capital Budget Update, be received.

**3. 2022 Tax Supported Capital Budget (FCS21096) (City Wide) (Item 6.1) (December 2, 2021)**

- (a) That the 2022 Tax Supported Capital Levy in the amount of \$133,563,000 be approved, inclusive of:
  - (i) a net levy increase of \$4,800,000 (0.50%) for discretionary block funded projects to be used principally for state-of-good-repair in the City's 10-year Capital Financing Plan;
  - (ii) a net levy increase of \$1,024,000 (0.11%) to fund the debt servicing costs associated with the City's share of the approved Investing in Canada Infrastructure Program Transit Stream projects for 2022; and,
  - (iii) a net levy increase of \$374,000 (0.04%) to fund the debt servicing costs associated with the West Harbour Waterfront strategic initiatives in 2022;
- (b) That the 2022 Tax Supported Capital Budget and Financing Plan in the amount of \$280,083,810, attached as Appendix "A" to Report 21-025, be approved, with the following funding sources:
  - (i) \$52,000 from government grants and subsidies;
  - (ii) \$387,000 from other external sources;
  - (iii) \$25,866,850 from Development Charges Reserves;
  - (iv) \$6,450,000 from Rate Revenues;
  - (v) \$35,347,810 from Reserves;
  - (vi) \$15,103,000 from Work-in-Progress and other internal transfers;
  - (vii) \$89,823,150 from the 2022 Tax Supported Capital Levy;
  - (viii) \$5,300,000 from Hamilton Utilities Corporation (HUC) / Alectra Dividends;

- (ix) \$34,057,000 from Canada Community Building Fund / Federal Gas Tax Reserve (112213);
  - (x) \$20,259,000 from Tax Supported Debenture Financing; and,
  - (xi) \$47,438,000 from Development Charge Supported Debenture Financing;
- (c) That the General Manager, Finance and Corporate Services, be authorized and directed to provide an internal loan of \$970,000 from the Investment Stabilization Reserve (112300) to finance the Albion Falls – Waterfalls Viewing project (4401856819), to be repaid from Parks and Open Space Operating Budget over a 15-year term at an annual interest rate of 2.78%;
- (d) That the Tax Supported Discretionary Net Capital Funding Forecast 2023–2031, attached as Appendix “B” to Report 21-025, which assumes the following, be approved, in principle, and re-visited by Council each budget year:
- (i) a net levy increase of \$4,800,000 (0.50%) in each year from 2023 to 2031; and,
  - (ii) an additional net levy increase of \$671,000 (0.07%) in 2023, \$1,829,000 (0.19%) in 2024, \$54,000 (0.01%) in 2025, \$20,000 (0.00%) in 2026, \$59,000 (0.01%) in 2027, \$87,000 (0.01%) in 2029, \$3,072,000 (0.32%) in 2030 and \$3,238,000 (0.34%) in 2031 to fund the debt servicing costs associated with the Investing in Canada Infrastructure Program Transit Stream and West Harbour Waterfront Strategic Initiatives;
- (e) That the operating budget and full-time equivalent (FTE) impacts of the 2022 Tax Supported Capital Budget, estimated at \$762,000 and 4.0 FTEs for 2022 and \$884,585 and 2.6 FTEs for future years, included in Appendix “C” to attached Report 21-025, be incorporated into future Tax Supported Operating Budgets, subject to Council approval;
- (f) That the General Manager, Finance and Corporate Services, be authorized to negotiate the terms and placement of a debenture issue(s), and / or private placement debenture issue(s), in either a public or private market and / or bank loan agreement and debenture issue(s) and / or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$67,697,000 Canadian currency, as attached in Appendix “A” to Report 21-025, which includes \$20,259,000 in Tax Supported municipal debt and \$47,438,000 in Development Charges Tax Supported municipal debt;

- (g) That the General Manager, Finance and Corporate Services, be authorized to engage the services of all required professionals to secure the terms and issuance of the debenture issue(s) described in Recommendation (f) including, but not limited to, external legal counsel, fiscal agents and Infrastructure Ontario's Loan Program;
- (h) That the General Manager, Finance and Corporate Services, Mayor and City Clerk are each authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents requiring their respective signatures, to secure the terms and issuance of the debenture issue(s) described in Recommendations (f) and (g), in a form satisfactory to the City Solicitor;
- (i) That the Mayor and City Clerk are authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents not requiring any specific signing authority, to secure the terms and issuance of the debenture issue(s) described in Recommendations (f) and (g), in a form satisfactory to the City Solicitor and with content acceptable to the General Manager, Finance and Corporate Services;
- (j) That all necessary By-Law(s) be passed to authorize the debenture issue(s) negotiated placed and secured in accordance with Recommendations (f) and (g).

**FOR INFORMATION:**

**November 26, 2021:**

**(a) APPROVAL OF AGENDA (Item 1)**

The Committee Clerk advised of the following changes to the agenda:

**5. CONSENT ITEMS**

- 5.1. Cycling Infrastructure 2022 (PED21219/PW21068) (City Wide)

**7. DISCUSSION ITEMS**

- 7.1. Hamilton Police Services Board Report 21-098 Hamilton Police Service Projected Capital Expenditures for 2022 – 2023

The agenda for the November 26, 2021 General Issues Committee was approved, as amended.

**(b) DECLARATIONS OF INTEREST (Item 2)**

Councillor E. Pauls declared an interest to Item 7.1, respecting the Hamilton Police Services Board Report 21-098 Hamilton Police Service Projected Capital Expenditures for 2022 – 2031, as her son is employed by the Hamilton Police Service.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) November 22, 2021 (Item 3.1)**

The Minutes of the November 22, 2021 General Issues Committee (Budget) meeting were approved, as presented.

**(d) CONSENT ITEMS (Item 5)**

**(i) Cycling Infrastructure 2022 (PED21219/PW21068) (City Wide) (Item 5.1)**

Staff was directed to report back to the General Issues Committee, during the 2022 Operating Budget process, with options to effectively and efficiently provide financial sustainability for the Hamilton Bikeshare program in the city of Hamilton.

**(e) STAFF PRESENTATIONS (Item 6)**

**(i) 2022 Tax Supported Capital Budget (FCS21096) (City Wide) (Item 6.1)**

Mike Zegarac, General Manager, Finance & Corporate Services provided a PowerPoint presentation, respecting Report FCS21096 - 2022 Tax Supported Capital Budget.

The presentation respecting Report FCS21096 - 2022 Tax Supported Capital Budget was received.

Consideration of Report FCS21096, respecting the 2022 Tax Supported Capital Budget, was DEFERRED to the December 2, 2021 General Issues Committee.

For disposition of this matter, please refer to Item 3.

**(f) DISCUSSION ITEMS (Item 7)**

**(i) Hamilton Police Services Board Report 21-098 Hamilton Police Service Projected Capital Expenditures for 2022 – 2031 (Item 7.1)**

Consideration of the 2022 Capital Budget expenditure recommendation Items 1 through 7, outlined in the Hamilton Police Services Board Report 21-098, respecting the Hamilton Police Service Projected Capital Expenditures for 2022 to 2031, was DEFERRED until the December 2, 2021 General Issues Committee, to be considered as part of Report FCS21096 - 2022 Tax Supported Capital Budget.

For disposition of this matter, please refer to Item 3.

**(g) ADJOURNMENT (Item 10)**

There being no further business, the General Issues Committee adjourned at 12:17 p.m.

**December 2, 2021:**

**(a) APPROVAL OF AGENDA (Item 1)**

The Committee Clerk advised of the following change to the agenda:

**5. CONSENT ITEMS**

5.1 2022 Tax Supported Capital Budget Update (FCS21096(a)) (City Wide)

The agenda for the December 2, 2021 General Issues Committee was approved, as amended.

**(b) DECLARATIONS OF INTEREST (Item 2)**

Councillor E. Pauls declared an interest to the Hamilton Police Services Board portion of the 2022 Tax Supported Capital Budget, as her son is employed by the Hamilton Police Service.

**(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 3)**

**(i) November 26, 2021 (Item 3.1)**

The Minutes of the November 26, 2021 General Issues Committee (Budget) meeting were approved, as presented.

**(d) 2022 Tax Supported Capital Budget (FCS21096) (City Wide) (Item 6.1)**

Due to a declared Conflict of Interest, the Hamilton Police Services Board portion of the 2022 Tax Supported Capital Budget was voted on separately, as follows:

That the Hamilton Police Services' Board 2022 Tax Supported Capital budget, be approved as part of the 2022 Tax Supported Capital Levy.

**(e) ADJOURNMENT (Item 10)**

There being no further business, the General Issues Committee adjourned at 10:58 a.m.

Respectfully submitted,

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Maria Pearson, Deputy Mayor (November)  
Chair, General Issues Committee

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Tom Jackson, Deputy Mayor (December)  
Chair, General Issues Committee

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Stephanie Paparella  
Legislative Coordinator,  
Office of the City Clerk

City of Hamilton  
Tax Capital Budget  
2022 Capital Budget Project List  
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													Financing Sources				
Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
City Manager	Digital & Innovation Office	3381858502	Enhancing City of Hamilton App for citizen services	25,000							25,000	25,000					
		3381858503	Digital/Open Data Infrastructure	100,000							100,000	100,000					
		3381959501	Digital Office: Smart City and Digital Transformation	300,000							300,000	300,000					
	Digital & Innovation Office Total			425,000	-	-	-	-	-	-	425,000	425,000	-	-	-		
City Manager Total				425,000	-	-	-	-	-	-	425,000	425,000	-	-	-		
Corporate Services	Customer Service & POA	2052157002	Replacement of Integrated Court Offences Network and Collections Administration Management Software	200,000		-					200,000	-			200,000		
		2052255200	Study-Generator Back Up	95,000							95,000	95,000					
	Customer Service & POA Total			295,000	-	-	-	-	-	-	295,000	95,000	-	-	200,000		
	Finance	2052180510	DC Exemptions Recovery	10,000,000							10,000,000	7,700,000			2,300,000		
		2052255201	Administrative Penalties Expansion and Operational Enhancement Review	250,000							250,000	250,000					
	Finance Total			10,250,000	-	-	-	-	-	-	10,250,000	7,950,000	-	-	2,300,000		
	Information Technology	3501757702	Network Infrastructure Sustainability and Continuous Improvement	340,000								-					
		3501957905	IT Strategy - Strategic Theme Enabling Our People	190,000						340,000		190,000	190,000				
		3501957906	IT Strategy - Strategic Theme IT Optimization	100,000								100,000	100,000				
		3501957910	Messaging (Email) Platform Migration	295,000								295,000	295,000				
		3502157602	IT Security	142,000								-					
		3502157907	Business Systems and Services Continuity Plan	150,000							142,000	150,000	150,000				
		3502157202	IT Asset Management Program	200,000								200,000	200,000				
		3502257200	IT Strategy Refresh	410,000								410,000	410,000				
		3502257201	Accounts Payable Approval and Workflow Software	225,000								225,000	225,000				
		3502257202	Deployment of Enterprise reporting and Visualization	70,000								70,000	70,000				
		3502257203	Information Security Program	850,000								850,000	850,000				
		3502257204	Legacy software upgrade	150,000								150,000	150,000				
		3502257205	EDRMS - Enterprise Data and Records Management System Project	350,000								350,000	350,000				
		Information Technology Total			3,472,000	-	-	-	-	-	482,000	-	2,990,000	2,990,000	-	-	-
		Corporate Services Total				14,017,000	-	-	-	-	482,000	-	13,535,000	11,035,000	-	-	2,500,000
	Council Initiatives	Council Initiatives	3302109014	Ward 14 Capital Reinvestment	100,000						100,000	-					
			3302109100	Ward 1 Capital Reinvestment	100,000							100,000	-				
			3302109200	Ward 2 Capital Reinvestment	100,000							100,000	-				
			3302109300	Ward 3 Capital Reinvestment	100,000							100,000	-				
			3302109400	Ward 4 Capital Reinvestment	100,000							100,000	-				
			3302109500	Ward 5 Capital Reinvestment	100,000							100,000	-				
3302109600			Ward 6 Capital Reinvestment	100,000							100,000	-					
3302109700			Ward 7 Capital Reinvestment	100,000							100,000	-					
3302109800			Ward 8 Capital Reinvestment	100,000							100,000	-					
2112156401			Confidential - Parkland Acquisition	1,500,000								1,500,000	1,500,000				
Council Initiatives Total					2,400,000	-	-	-	-	-	900,000	-	1,500,000	1,500,000	-	-	-
Council Initiatives Total						2,400,000	-	-	-	-	900,000	-	1,500,000	1,500,000	-	-	-
Healthy & Safe Communities		Hamilton Fire Department	7402251100	Annual Equipment Replacement	1,407,600						1,407,600	-					
	7402251101		Annual Vehicle Replacement	3,554,000							3,554,000	-					
	7402251102		HFD Technology	500,000								500,000	500,000	-	-	-	
	Hamilton Fire Department Total			5,461,600	-	-	-	-	-	4,961,600	-	500,000	500,000	-	-	-	
	Hamilton Paramedic Service	7642251100	Annual Vehicle Replacement	1,659,780							1,659,780	-					
		7642251101	Annual Equipment Replacement	3,307,870							2,807,870	500,000	500,000				
	Hamilton Paramedic Service Total			4,967,650	-	-	-	-	-	4,467,650	-	500,000	500,000	-	-	-	
	Housing Services	6731841610	Poverty Reduction Investment (PRI) - Indigenous Poverty Reduction	1,000,000							-	1,000,000				1,000,000	
		6731841611	Poverty Reduction Investment (PRI) - Social Housing Repairs & Renovations	2,000,000								2,000,000				2,000,000	
		6732241302	Social Housing Capital Repairs and Regeneration	500,000								500,000	500,000				
	Housing Services Total			3,500,000	-	-	-	-	-	-	3,500,000	500,000	500,000	-	-	3,000,000	
	Social Services	6502141100	Human Services Integration - Continuous Improvement Projects	160,000								160,000	160,000				
Social Services Total			160,000	-	-	-	-	-	-	-	160,000	160,000	-	-	-		
Healthy & Safe Communities Total				14,089,250	-	-	-	-	9,429,250	-	4,660,000	1,660,000	-	-	3,000,000		
Outside Boards & Agencies	CityHousing Hamilton	6182141602	City Housing Contribution	500,000							500,000	500,000					
	CityHousing Hamilton Total			500,000	-	-	-	-	-	-	500,000	500,000	-	-	-		
	H.C.A. & Westfield Heritage Village	3802156100	Hamilton Conservation Authority Critical and Safety	1,850,000							1,850,000	1,850,000					
		3802158902	Westfield Heritage Village - Critical and/or Safety Projects	150,000							150,000	150,000					
	H.C.A. & Westfield Heritage Village Total			2,000,000	-	-	-	-	-	-	2,000,000	2,000,000	-	-	-		
	Hamilton Beach Rescue (HBRU)	2862151700	HBRU Renovations & Equipment Purchases	70,000						70,000	-						
	Hamilton Beach Rescue (HBRU) Total			70,000	-	-	-	-	-	70,000	-	-	-	-	-		
	Police Services	3761951812	Hamilton Police Stations- Roof Repairs and HVAC	200,000								200,000	200,000				
		3762051007	Police Personal Issued Portable Radio Replacement	1,400,000								1,400,000	1,400,000				
		3762041001	Basement Superstructure & Brick Repairs (Central)	275,000								275,000	275,000				
3762251202		Generator System/Fuel Upgrade - Station 10 - Central	75,000								75,000	75,000					
3762251203	2022 Fuel Tank Replacement - Station 20 - East End	350,000								350,000	350,000						



City of Hamilton  
Tax Capital Budget  
2022 Capital Budget Project List  
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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources			
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends
		3762251204	Boiler Replacement/Humidifier Piping - Station 20 - East	260,000							260,000	260,000			
		3762251205	2022 Generator/Diesel Tank Repair - Station 30 - Mountain	65,000							65,000	65,000			
		3762251207	2022 Chubb Panel Upgrade - All Police Stations	150,000					150,000		-				
		3762251208	9MM Conversion (Glock Program)	183,060					183,060		-				
		3762251103	Mobile Command Centre (MCC)	750,000			562,500		187,500		-				
	<b>Police Services Total</b>			<b>3,708,060</b>	-	-	<b>562,500</b>	-	<b>520,560</b>	-	<b>2,625,000</b>	<b>2,625,000</b>	-	-	-
<b>Outside Boards &amp; Agencies Total</b>				<b>6,278,060</b>	-	-	<b>562,500</b>	-	<b>590,560</b>	-	<b>5,125,000</b>	<b>5,125,000</b>	-	-	-
Planning & Economic Development	Economic Development	3621708900	Economic Development Initiatives	1,000,000							1,000,000	1,000,000			
		3621750301	Confidential - Employment Land Bank Interest	300,000					300,000		-				
		4031980940	New Traffic Signal - Garner @ Hwy 6	250,000			237,500				12,500	12,500			
		8202203200	Office Tenancy Assistance Program	37,500							37,500	37,500			
		3622208202	Brownfield Development	400,000							400,000	400,000			
		8202241200	Hamilton Heritage Property Improvement Grant Program (Downtown Block)	500,000							500,000	500,000			
		8202203202	Barton/Kenilworth Commercial Corridor Building Improvement Grant Program	100,000							100,000	100,000			
		8202203201	Barton and Kenilworth Rebate of Planning and Building Fees ( Downtown Block)	200,000							200,000	200,000			
		8202203203	BIA Commercial Property Improvement Grant Program	500,000							500,000	500,000			
		8202203204	Commercial Property Improvement Grant Program (Downtown Block)	223,500							223,500	223,500			
		8202203206	Community Downtowns and BIAs	224,000							224,000	224,000			
		8202203207	Downtown West Harbourfront Remediation Loan Program	25,000							25,000	25,000			
	<b>Economic Development Total</b>			<b>3,760,000</b>	-	-	<b>237,500</b>	-	<b>300,000</b>	-	<b>3,222,500</b>	<b>3,222,500</b>	-	-	-
	Growth Management	4031280288	Burke St/Mountain Brow Road - Waterdown	1,500,000			1,425,000				75,000	75,000			
		4031380360	Waterdown - Burlington Road Upgrades	9,990,000			9,990,000*				-				
		4031380390	East-West Road Corridor (Waterdown By-Pass) CASH	10,000,000			9,500,000*				500,000	500,000			
		4032280280	RHBP - Nebo - 800m s/o Twenty to future Dartnall Rd Extention	350,000			297,500*				52,500	52,500			
		4032280285	Southcote - Garner to 970m southerly (hydro corridor)	3,500,000			2,975,000				525,000	525,000			
		4032280253	Arvin Ave - McNeilly to Lewis	1,900,000			1,900,000								
		4032280281	Shaver Rd - Trustwood to Garner (AIP)	726,000			617,100				108,900	108,900			
		4032280282	Binbrook - Royal Winter/Binhaven to Fletcher	6,840,000			5,814,000				1,026,000	1,026,000			
		4032255281	Southcote / Smith / Collector 2W Corridor Class EA	725,000			616,250				108,750	108,750			
		4032280283	Twenty Road Extension - Glover Road to future Upper Red Hill Valley Parkway	3,375,000			3,075,000				300,000	300,000			
	<b>Growth Management Total</b>			<b>38,906,000</b>	-	-	<b>36,209,850</b>	-	-	-	<b>2,696,150</b>	<b>2,696,150</b>	-	-	-
	Planning Services	8121255620	Part IV Designation of Properties under the Ontario Heritage Act	135,000							135,000	135,000			
		8121957900	3D Model Development	130,000							130,000	130,000			
		8122255200	Future Urban Growth Areas Secondary Plans and Associated Studies	1,825,000			1,003,750				821,250	821,250			
	<b>Planning Services Total</b>			<b>2,090,000</b>	-	-	<b>1,003,750</b>	-	-	-	<b>1,086,250</b>	<b>1,086,250</b>	-	-	-
	Tourism & Culture	7201841803	St. Mark's Restoration	1,372,000							1,372,000	1,372,000			
		7202058202	Collections Management	100,000							100,000	100,000			
		7202158210	Built Heritage Inventory	80,000							80,000	80,000			
		7202158213	Museum Development Process	55,000							55,000	55,000			
		7102258200	Binbrook Branch Hamilton Public Library Public Art	100,000					100,000		-				
		7102258201	Vincent Massey Park Public Art	125,000					125,000		-				
		7102258202	Andrew Warburton Memorial Park Public Art	125,000					125,000		-				
		7202241201	Dundurn Balcony Restoration	95,000							95,000	95,000			
	<b>Tourism &amp; Culture Total</b>			<b>2,052,000</b>	-	-	-	-	<b>350,000</b>	-	<b>1,702,000</b>	<b>1,702,000</b>	-	-	-
	General Manager PED	8122255001	Engineering Standards Update	250,000			225,000		25,000		-				
		4142246100	2022 - City Share of Servicing Costs In Subdivisions	3,000,000			3,000,000				-				
	<b>General Manager PED Total</b>			<b>3,250,000</b>	-	-	<b>3,225,000</b>	-	<b>25,000</b>	-	-	-	-	-	-
	Transportation, Planning and Parking	4901751700	Parking Payment Equipment	250,000					250,000		-				
		4901945900	Waterproofing Membrane Replacement - Convention Centre Parking Garage	500,000	52,000				448,000		-				
		4031718126	Centennial Bridge over the QEW - multi-use path	430,000							430,000	430,000			
		4032017050	Bicycle Infrastructure Upgrades	250,000							250,000	250,000			
		4032017051	Waterdown Traffic Management Implementation	250,000							250,000	250,000			
		4032117053	Bicycle Boulevard (Neighbourhood Greenways) Program	170,000							170,000	170,000			
		4032155744	TMP Modelling & Monitoring	50,000							50,000	50,000			
		4032155820	Sustainable Mobility Program	400,000							400,000	400,000			
		4032155940	Transportation Tomorrow Survey	100,000							100,000	100,000			
		4662117124	On Street Bike Facilities	450,000						310,000	140,000	140,000			
		4902157201	Parking Meter Mechanism and Housing Replacement	200,000					200,000		-				
		4902257200	Municipal Car Park and Wayfinding Signage Replacement	50,000					50,000		-				
		4032255242	Transportation Network Review and Implementation Plan	210,000			210,000				-				
		4032255215	Highway 403 Ramp EA	134,000			67,000			67,000	-	-			
		4902257201	Curbside Management Tool	100,000					100,000		-				

City of Hamilton  
Tax Capital Budget  
2022 Capital Budget Project List  
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													Financing Sources				
Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
Transportation, Planning and Parking Total				3,544,000	52,000	-	277,000	-	1,048,000	377,000	1,790,000	1,790,000	-	-	-		
Planning & Economic Development Total				53,602,000	52,000	-	40,953,100	-	1,723,000	377,000	10,496,900	10,496,900	-	-	-		
Public Works Tax Funded	Energy, Fleet and Facilities	7101754805	Sir Wilfrid Laurier Gymnasium Addition.	3,650,000			3,650,000				-						
		3542041002	City Hall Garage Roof Slab Structural Rehabilitation	1,000,000							1,000,000	1,000,000					
		4942151001	Shop Equipment Replacement	170,000						170,000	-						
		4942151004	Street Sweeper Purchase	780,000						780,000	-						
		4942151100	Fleet Vehicle&Equipment Replace Program	10,154,000					10,154,000	-							
		7102141706	Program - Recreation Centre Retrofits	240,000							240,000	240,000			-		
		7102154105	Program - Park & Fieldhouse Retrofits	800,000							800,000	800,000					
		7102154536	Program - Arena Retrofits	125,000							125,000	125,000					
		7102154702	Program - Facility Capital Maintenance	90,000							90,000	90,000					
		7102154703	Program - Senior Centre Retrofits	60,000						-	60,000	60,000					
		3542141910	Stoney Creek City Hall -RCMP Lease Capital Replacement	210,000						210,000	-						
		3542141009	Program - Compliance Remediation	200,000							200,000	200,000					
		3542141409	Program - Facilities Code & Legislative Compliance	310,000							310,000	310,000					
		3542141412	Program - Roof Management	1,500,000							-	1,500,000	1,500,000			-	
		3542141532	Program - Facility Capital Maintenance	228,000								228,000	228,000				
		3542151001	Program - Mechanical Infrastructure Life-cycle Renewal	200,000								200,000	200,000				
		3542155100	Corporate Facilities Audit Program	170,000							-	170,000	170,000				
		3542141013	Program - Firestations Facility Upgrade	250,000								250,000	250,000				
		3542141010	Program - Facility Upgrades to Hamilton Public Libraries	250,000							-	250,000	250,000				
		3542155001	Yard Capital Renewal Program	225,000								225,000	225,000				
		6302141100	Macassa and Wentworth Lodges Roof	500,000							-	500,000	500,000				
		6302141101	Program - ML & WL Facility Capital Maintenance	250,000							250,000	-					
		6302151101	Macassa Lodge Carpet Removal	50,000							50,000	-					
		6302151102	Program - ML & WL Keyscan and Hardware	20,000							20,000	-					
		6302151103	Program - ML & WL Equipment Life-cycle Renewal	265,000							265,000	-					
		7102151001	Program - Mechanical Infrastructure Life-cycle Renewal	75,000								75,000	75,000			-	
		7102155101	Program - Recreation Facilities Audit	90,000								90,000	90,000				
		7102145215	Program - Parking Lot Management	200,000								200,000	200,000				
		7102154216	Program - Roof Management	2,850,000								2,850,000	2,850,000			-	
		7102254201	Stadium Precinct Park Fieldhouses & Washrooms	6,100,000				6,100,000*				-	-				
		3542241201	Program - Building Automation System	250,000								250,000	250,000				
		6302251201	ML/WL Touchless Faucets	150,000							150,000	-					
		3722241805	Program - Facilities Security	800,000								800,000	800,000				
		6302251202	Macassa Lodge Laundry	15,000							15,000	-					
		7902248201	Bennetto Aquatic Centre: Rec Heat Reclaim & Controls	50,000							50,000	-					
		7902248202	Chedoke Arena: Variable Speed HRV & Exterior Lighting	145,000							145,000	-					
		7902248203	Dundas Town Hall: Demand Control Ventilation and Lighting Upgrade to LEDs	75,000							75,000	-					
		7902248204	Fire Station 5 Complex: Lighting Upgrade to LEDs	75,000							75,000	-					
		7902248205	Jimmy Thompson Pool: Filter Pumps VFD installation	13,000							13,000	-					
		7902248206	Ryerson Aquatic Centre: Heat Reclaim/Controls & Heating Pump/HVAC VFD Project	83,000							83,000	-					
		7902248207	Wentworth Ops Centre: 2022 Lighting Upgrade to LEDs	275,000							275,000	-					
		7102251201	Facility Vehicles	50,000								50,000	50,000				
		4942251205	Upgrade to Winfuel Attendants	60,000							60,000	-					
		Energy, Fleet and Facilities Total				33,053,000	-	-	9,750,000	-	12,840,000	-	10,463,000	10,463,000	-	-	-
		Transit Services	Transit Services	5302185803	Terminal and End of Line Rehabilitation	75,000							75,000	75,000			
				5302185804	Bus Stop Shelter Rehabilitation	125,000							125,000	125,000			
				5302185902	Transit Shelter and Landing Pad Expansion Program	150,000						150,000	-				
				5302183503	Nonrevenue Vehicle Replace Program	85,000						85,000	-				
				5302249001	Operator Washroom Conveniences	300,000							300,000	300,000			
				5302283002	Reserve Shortfall - OBR Program	700,000							700,000	700,000			
Transit Services Total				1,435,000	-	-	-	-	235,000	-	1,200,000	1,200,000	-	-	-		
Waste Management	Waste Management			5121949003	CCF Lifecycle Replacement	267,000						95,000	172,000	172,000			
				5122051501	Waste Collection Fleet Replacement	500,000						500,000	-				
				5122091001	Glanbrook Landfill Stage 3 Development- Cells C, D, & E	5,500,000							5,500,000		5,500,000		
		5122155137	Waste Management R & D Program	145,000							145,000	145,000					
		5122190200	Diversion Container Replacement Program	980,000			98,000		882,000		-						
		5122191000	Glanbrook Landfill Capital Improvement Program	327,000							327,000		327,000				
		5122192000	Closed Landfill Maintenance & Capital Improvement	396,000							396,000		396,000				
		5122193000	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program				106,400				197,600	197,600					
		5122194000	Transfer Station/CRC Maintenance & Capital Improvement Program	304,000													
				221,000							221,000	221,000					
		5122194920	Environmental Services Legislative Compliance Program	185,000							185,000	185,000					
		5122195525	SWMMP Approvals	150,000							150,000	150,000					
		5122251102	Security System Upgrades - Waste Collections Yard	15,000							15,000	15,000					
		5122251103	Waste Packers Reversing Safety Sensors	48,000							48,000	48,000					
		5122251104	Waste Collection Vehicle Technology	20,000							20,000	20,000					

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Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	Financing Sources			
												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends
Waste Management Total Engineering Services		5122194029	SWMMP - Recommendation 6: Alternative Disposal	200,000							200,000	200,000			
				9,258,000	-	-	204,400	-	1,477,000	-	7,576,600	1,353,600	6,223,000	-	-
		4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	200,000							200,000	200,000			
		4031818089	Bridge 089 - Creighton Rd, 30 m s/o Mill St	1,200,000							1,200,000	180,000		1,020,000	
		4031818159	Bridge 159 - Regional Rd 56 to 615m s/o Hall Rd	1,260,000							1,260,000	189,000		1,071,000	
		4031818189	Bridge 189 - Regional Rd 56, 565 m s/o Kirk Rd - CASH	422,000							422,000	422,000			
		4031818296	Bridge 296 - Governor's Rd, 45m e/o Ogilvie St	1,170,000						450,000	720,000	108,000		612,000	
		4031818404	Bridge 404 - Harrison Rd - 910m s/o Kirk Road	1,400,000							1,400,000	210,000		1,190,000	
		4031818437	Bridge 437 - Miles Rd, 610m s/o Dickenson Rd E	230,000						230,000	-	-		-	
		4031911601	Council Priority - Ward 1 Minor Rehabilitation	180,000							180,000	180,000			
		4031911602	Council Priority - Ward 2 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911603	Council Priority - Ward 3 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911604	Council Priority - Ward 4 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911605	Council Priority - Ward 5 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911606	Council Priority - Ward 6 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911607	Council Priority - Ward 7 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911608	Council Priority - Ward 8 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911609	Council Priority - Ward 9 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911610	Council Priority - Ward 10 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911611	Council Priority - Ward 11 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911612	Council Priority - Ward 12 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911613	Council Priority - Ward 13 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911614	Council Priority - Ward 14 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031911615	Council Priority - Ward 15 Minor Rehabilitation	180,000							180,000	180,000		-	
		4031917943	Sherman Access East Retaining Wall Replacement	150,000							150,000	150,000			
		4031918048	Bridge 048 - Jones St, 110m w/o King St E	680,000						650,000	30,000	30,000			
		4032011021	Dundas - First to Hamilton-Burlington boundary	700,000							700,000	105,000		595,000	
		4032011026	Mud - Paramount to Upper Centennial Parkway	300,000							300,000	300,000		-	
		4032011028	Southcote - Garner to Highway 403 Bridge	3,060,000			1,836,000				1,224,000	1,224,000			
		4032011045	LINC Rehabilitation - Asphalt Repair	1,500,000							1,500,000	225,000		1,275,000	
		4032018414	Bridge 414 - Miles Road, 130m s/o Dickenson Rd E	155,000						155,000					
		4032019103	Marion - Longwood to Dromore	1,560,000				480,000		390,000	690,000			690,000	
		4032019105	Glenmorris / Underhill / Sleepy Hollow / Wilmar (York Heights / Hunter NBHD)	2,490,000				910,000			1,580,000	316,000		1,264,000	
		4032055040	Rymal EA - Dartnall to Upper James	50,000							50,000	50,000			
		4411606102	Pier 5-7 Boardwalk	6,000,000							6,000,000	717,100	1,260,000	4,022,900	
		4411806102	Macassa Bay Shoreline Improvements	3,200,000							3,200,000		3,200,000		
		4411806103	Macassa Bay Boardwalk and Trail	3,000,000							3,000,000	450,000		2,550,000	
		4411806104	West Harbour Public Art	150,000							150,000	150,000			
		4032119102	Arvin - Dosco to Jones	150,000							150,000	150,000			
		4032119104	Hatt & Bond - King to Market	250,000							250,000	250,000			
		4032211020	Highland Rd W - Winterberry to Glenhollow	860,000							860,000	129,000		731,000	
		4032211022	Burlington - James to Ferguson	1,350,000							1,350,000	202,500		1,147,500	
		4032219196	Governor's - Main to Ogilvie (Bridge 296)	1,140,000				240,000		900,000	-	150,000	150,000		
		4032218086	Bridge 086 - Cross St, 25m s/o Alma	150,000							150,000	150,000		-	
		4032218301	Bridge 301 - Cootes Dr, 660m e/o Olympic Dr	150,000							150,000	150,000		-	
		4032218346	Bridge 346 - Centre Rd, 195m s/o Carlisle Rd	150,000						150,000	-			-	
		4032218347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	120,000						120,000	-			-	
		4032219105	Rymal - Upper James to Upper Wellington	180,000			153,000*				27,000	27,000			
		4032219106	Rymal - Upper Ottawa to Dartnall	180,000			153,000*				27,000	27,000			
		4032280290	Mohawk - McNiven to Hwy 403	150,000			90,000				60,000	60,000			
		4412206104	Police Marine Facility Replacement	5,700,000			3,420,000*				2,280,000	2,280,000			
		4032110006	Minor Construction Program	270,000							270,000	270,000		-	
		4032111222	New Sidewalk Program	1,096,000			237,500			846,000	12,500	12,500			
		4032111225	Geotechnical Investigation Program	720,000							720,000	720,000			
		4032118217	Bridge and Culvert Major Maintenance - Engineering	1,160,000						500,000	660,000	99,000		561,000	
		4032118218	OSIM Bridge, Culvert, Retaining Wall & Overhead Sign Inspections	670,000							370,000	300,000			
		4032118219	Structural Investigations and Reports	490,000							90,000	400,000			
		4032119106	Kelvin - Old Orchard to south end	240,000				100,000	140,000		-	-		-	
		4032119109	Scenic - Mohawk to Chateau Crt	5,000,000						100,000	4,900,000	735,000		4,165,000	
		4032119112	Strathearne - Main to Britannia	1,850,000				600,000			1,250,000	-		1,250,000	
		4032149555	QA-QC Service Contract Program	290,000						230,000	60,000	60,000			
		4032155556	Mapping Update Program	40,000							40,000	40,000			
		4032162073	Field Data Systems Program	110,000							110,000	110,000			
		4042110004	Escarpment Slope & Appurtenance Stabilization Program	1,170,000						170,000	1,000,000	150,000		850,000	
		4042110417	Retaining Wall Rehabilitation Program AM	360,000						360,000	-	-		-	
		4032114405	Contaminated Soil & Rock Disposal Program	1,692,000				750,000			692,000	250,000			
		4032158001	Consultation and Accommodation	146,000				-			116,000	30,000			
		4032101099	Engineering Services Staffing Costs - Road	4,500,000						1,885,000	2,615,000	2,615,000			
		4032119108	Concession / Mountain Brow - Upper Gage to Oakcrest	4,900,000				1,800,000			3,100,000			3,100,000	

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												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends
Engineering Services	Engineering Services Total	4032119122	Barton - Sherman to Ottawa	150,000				-			150,000	150,000			
		4032118329	Bridge 329 - Burlington St E over Wilcox St	270,000							270,000	270,000		-	
		4032119114	Pinelands / Teal / Garden / Community / Greensfield	150,000				-			150,000	150,000			
		4032211018	Highland - Glenhollow to First Rd W	1,950,000						388,000	1,562,000	234,300		1,327,700	
		4032211029	King - Stoney Brook to Highway No. 8	2,400,000							2,400,000	360,000		2,040,000	
		4032218350	Bridge 350 - Centre, 435 metres n/o Concession SE	180,000						180,000	-				
		4032219107	Duke - Hess to west end & Robinson - Queen to west end	150,000				-		100,000	50,000	50,000			
		4242209801	A/R - Lynbrook / Miami - Millbank to Rolston (within Rolston Neighbourhood)	750,000					750,000		-				
		4032255222	Corridor Infrastructure Condition and Programming	1,158,000				270,000		618,000	270,000	270,000			
		4242209201	Area Rating - Simcoe - James to Wellington & Hughson - Strachan to Simcoe	150,000					150,000		-				
		4242209202	Area Rating - Hughson - Simcoe to Brock & Wood - James to Hughson	150,000					150,000		-				
		4032255962	Road Network Pavement Inspection	200,000							200,000	200,000			
		4032218294	Bridge 294 - Rousseaux St, 120m e/o Academy Dr	430,000							430,000	430,000		-	
		4032218113	Bridge 113 - Sulphur Springs Rd, 255m s/o Governor's Rd	200,000							200,000	200,000		-	
		4032218111	Bridge 111 - Mineral Springs Rd, 65m w/o Martin Rd	400,000							400,000	400,000		-	
		4032210069	Retaining Wall - RW0069 Wilson Street E, 150m w/o Lions Club Rd	150,000							150,000	150,000			
		4032218464	Bridge 464 - Regional Rd 56, 790m s/o Golf Club Rd	100,000							100,000	100,000			
		4032218330	Bridge 330 - Birch Ave, 75 metres south of Burlington	300,000							300,000	300,000		-	
		4032218280	Bridge 280 - Claremont Ac, 250m w/o Claremont Ac (West 5th Ramp)	150,000							150,000	150,000		-	
		4032218318	Bridge 318 - Claremont Access, over James Mountain	50,000							50,000	50,000			
		4032210520	Retaining Wall - RW0520 - Lawrence Rd. 78m west of Kenilworth Ave S	1,000,000							1,000,000	150,000		850,000	
		4032210329	Retaining Wall - RW0447 - Weirs Lane, 392m north of Johnston Ave	730,000							730,000	109,500		620,500	
		4032210032	Retaining Wall - RW0032 - Arkledun Ave, 200m w/o Claremont Access	150,000							150,000	150,000			
		4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)	900,000							900,000	194,000		706,000	
		4411606106	Pier 8 Promenade	300,000							300,000	300,000			
		4411706102	Pier 8 Park	500,000							500,000	500,000			
		4412006105	Pier 8 - Utilities	1,000,000							1,000,000	1,000,000			
		4032218050	Bridge 050 - Third Rd E, 1000m s/o Ridge Rd	200,000							200,000	200,000		-	
		4032218105	Bridge 105 - Book Rd W, 330m w/o Trinity Rd S	200,000							200,000	200,000		-	
			<b>Engineering Services Total</b>	<b>81,229,000</b>	<b>-</b>	<b>-</b>	<b>5,889,500</b>	<b>5,150,000</b>	<b>1,190,000</b>	<b>9,690,000</b>	<b>59,309,500</b>	<b>23,210,900</b>	<b>4,460,000</b>	<b>31,638,600</b>	<b>-</b>
	Environmental Services	4451153001	Emerald Ash Borer (EAB) Management Plan Council Cost (Option 3)	2,600,000							2,600,000	2,600,000			
		4401756703	Mountain Brow Path	150,000			127,500				22,500	22,500		-	
		4401856819	Albion Falls - Waterfalls Viewing	1,940,000			970,000		970,000	-	-				
		4401956922	Alexander Park Skate Park	2,109,000			2,109,000*				-				
		4401956932	HRTMP Initiative 15-12 Mountain Brow Road Link	327,000			327,000				-				
		4402056011	Valley Community Centre Park	800,000			400,000				400,000	400,000			
		4402056918	Beasley Park Rehabilitation Phase 2 - Kelly Street Pedestrianization	1,213,000						400,000	813,000	813,000		-	
		4402149003	Backflow Prevention for Various Parks Facilities	200,000							200,000	200,000			
		4402256203	Gourley Park Spray Pad Redevelopment	70,000							70,000	70,000			
		4402256204	William Connell Phase 3	1,200,000			700,000		500,000		-				
		4452153101	Tree Inventory	150,000							150,000	150,000			
		4402111601	Cemetery Roads Rehabilitation Program	133,000							133,000	133,000			
		4402149007	Cemetery Columbarium	70,000					70,000		-				
		4402149101	Park Pathway Resurfacing Program	210,000							210,000	210,000			
		4402149607	Outdoor Ice Rink Program	50,000							50,000	50,000			
		4402151601	Equipment Acquisition (DC) Program	247,000			247,000				-	-			
		4402151700	Small Equipment Replacement (Reserve) Program	85,000					85,000		-				
		4402151903	Confederation Beach Park - Capital Maintenance Program	455,000					455,000		-				
		4402152600	Playground Lifecycle Replacement Program	525,000					175,000		350,000	350,000			
		4402154699	Tennis and Multi-use Court Rehabilitation Program	120,000							120,000	120,000			
		4402156001	Leash Free Dog Park Program	80,000					80,000		-				
		4452153444	Tree Planting Program	1,345,000		387,000					958,000	958,000			
		4402151001	Equipment Upgrades	50,000							50,000	50,000			
		4402156117	Victoria Park Spray Pad Replacement	1,020,000					749,000	271,000	-	-			
		4402156120	Cherry Beach Park	120,000			120,000		-		-				
		4402156121	Tiffany Hills Park Pathway Connection to School	280,000			280,000				-				
		4402256112	Rennie Street Works Yard - Proposed Park	100,000			100,000				-				
		4402256102	Brightside Park (Stadium Precinct Community)	16,800,000			7,224,000*				9,576,000		9,576,000		
		4402256108	Broughton Park Upgrades	100,000							100,000	100,000			
		4402256105	Eastwood Park Redevelopment	878,000							878,000	175,600		702,400	

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												From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends
		4402049006	Millgrove Drainage & Repair	25,000							25,000	25,000			
		4402256110	Golf Links Park Ice Rink Servicing	150,000			120,000				30,000	30,000			
		4402256111	Highland Gardens Park	120,000					120,000		-				
		4402256115	Olympic Park Hockey Rink	336,000					336,000		-				
		4402256116	Pipeline Trail Gateway	777,500							777,500	777,500			
		4452253203	Horticulture Depot Upgrades Feasibility Study	175,000							175,000	175,000			
		4452253204	Fleet Assets - Forestry & Horticulture	120,000			120,000				-				
		4452253205	Horticulture Polyhouse Construction	62,000							62,000	62,000			
		4402256118	Churchill Park	150,000							150,000	150,000			
		4402256124	Sam Lawrence Park	1,701,000			-		1,701,000		-				
	<b>Environmental Services Total</b>			<b>37,043,500</b>	-	<b>387,000</b>	<b>12,844,500</b>	-	<b>5,241,000</b>	<b>671,000</b>	<b>17,900,000</b>	<b>7,621,600</b>	<b>9,576,000</b>	<b>702,400</b>	-
	Transportation Operations & Maintenance	4661820821	New Traffic Signal - Drakes @ North Service Rd	150,000			142,500				7,500				
		4661920930	Neighbourhood Speed Reduction Initiative	450,000							450,000	450,000			
		4662220223	New Traffic Signal - York @ Old Guelph	550,000							27,500	27,500			
		4032111224	Sidewalk Rehabilitation Program	1,000,000			522,500				1,000,000	1,000,000			
		4032117241	Fencing/Sound Barrier Rehabilitation/Replacement within the Road Allowance	250,000							250,000	250,000			
		4032117677	Preventative Asphalt Road Maintenance Program	2,250,000						1,741,000	509,000	509,000			
		4032118216	Bridge and Structure Maintenance - T.O.M.	250,000							250,000	250,000			
		4032121350	Fleet Additions - Roads O&M	400,000			400,000				-	-			
		4032141762	Yard Facility Maintenance and Improvement Program	400,000							400,000	400,000			
		4032151410	Roads - Small Equipment Replacement	50,000					50,000		-				
		4042110017	Street Lighting Capital Program	350,000							350,000	350,000			
		4042111351	Roads - Alleyway Rehabilitation	100,000					-		100,000	100,000			
		4042117384	Guide Rail Replacement Program	400,000							400,000	400,000			
		4662115820	Traffic Counts Program	180,000						50,000	130,000	130,000			
		4662116102	Traffic Calming	150,000						75,000	75,000	75,000			
		4662120001	ATMS – Advanced Traffic Management System	750,000						750,000	-				
		4662120011	Traffic Signal Upgrades	300,000						69,000	231,000	231,000			
		4662120017	Traffic Signal LED Lighting Upgrade Program	220,000							220,000	220,000			
		4662120019	Traffic Controller Replacement Program	375,000						375,000	-	-			
		4662120050	Engagement Priorities - Vision Zero	140,000					140,000		-				
		4662120051	Education Priorities - Vision Zero	400,000					400,000		-				
		4662120052	Evaluation Priorities - Vision Zero	200,000					200,000		-				
		4662120053	Engineering Priorities - Vision Zero	450,000					450,000		-				
		4662120525	Pedestrian Crossovers (Type B & C)	200,000							200,000	200,000			
		4662120531	APS - Accessible Pedestrian Signals	150,000							150,000	150,000			
		4662120720	Durable Plastic Pavement Marking Rehabilitation	500,000							500,000	500,000			
		4662120722	Overhead Sign Structure	50,000						50,000	-	-			
		4662110018	Cootes Drive: Spencer Creek to East St N / Dundas St - Street Lighting System Rehabilitation	280,000							280,000	280,000			
		4662110012	Railway Roadway Crossings Rehabilitation Program	100,000							100,000	100,000			
		4032110005	Major Road Mill & Pave Program	500,000							500,000	75,000		425,000	
		4662120048	Durable Pavement Markings (New Installations)	600,000						545,000	55,000	55,000			
		4662220224	New Traffic Signal - RR#56 @ Kirk Road	330,000			313,500				16,500	16,500			
		4662220225	New Traffic Signal - South Service Rd @ Vince Mazza Way	220,000			209,000				11,000	11,000			
		4032211223	New Sidewalk - Missing Links	250,000							250,000	250,000			
		4662220227	New Signalized Intersection – Wellington St. S. & Hunter St. E	250,000							250,000	250,000			
		4042210223	Nicola Tesla Underpass Lighting LED Retrofit	200,000							200,000	200,000			
		4662255200	TOC Upgrades	250,000							250,000	250,000			
		4662255241	Asset Management & GIS Processing	350,000							350,000	350,000			
		4042217678	Preventative Maintenance - Crack Sealing	150,000							150,000	150,000			
		4042210418	Retaining Wall Maintenance - TOM	150,000							150,000	150,000			
		4662220280	Eco Counter Program	140,000							140,000	140,000			
		4662210220	Signals & Street Lighting Metal Pole Condition Assessment	150,000							150,000	150,000			
		4662220226	Signalized Intersection Asset Management	150,000							150,000	150,000			
		4662210020	Street Lighting Pole Replacements	420,000							420,000	420,000			
		4662210021	Stoney Creek Metal Pole Replacements	275,000							275,000	275,000			
		4662220244	Cootes MUP (Hatt Phase 2) (250m)	231,000							231,000	231,000			
		4662210022	Dundas - First to Avonsyde - New Street Light System Installation	200,000							200,000	200,000			
		4662220229	New Traffic Signal - Fennell Ave & 50m W/O East 43rd St	330,000			313,500				16,500	16,500			
		4662220222	New Traffic Signal - Main & Paradise	308,000			292,600				15,400	15,400			
		4662220228	New Traffic Signal - Mud St & First Rd E	350,000			332,500				17,500	17,500			
		4662220541	Traffic Signal Modernization - Queenston & Kenora & Greenford	275,000							275,000	275,000			
		4662220230	New Traffic Signal - Rymal Rd & Pritchard Rd	330,000			313,500				16,500	16,500			
		4662220542	Traffic Signal Modernization - Barton & Kenilworth	710,000							710,000	710,000			
		4662220242	Intersection widening - Upper James & White Church	400,000							400,000	400,000			

City of Hamilton  
Tax Capital Budget  
2022 Capital Budget Project List  
(\$)

												Financing Sources					
Department	Division	Project ID	Project Title	Gross Costs	Grants and Subsidies	Other External Revenue	Development Charges (* Debt)	Rate Funding	Reserves	WIP	Net Cost	From Operating	External Debt	Federal Gas Tax	Other: Reserves and HUC Dividends		
Public Works Tax Funded Total	Transportation Operations & Maintenance Total	466220246	Upper Gage & Stone Church - Intersection Geometric Improvements	275,000							275,000	275,000					
		466220211	Wilson & Shaver - Pedestrian Crossovers (4 x Type C and 4 x Type D)	220,000						220,000	-						
		466220232	New Traffic Signal - York & Olympic	275,000			261,250					13,750	13,750				
		466220245	Hamilton - Brantford Rail Trail - Raised Crosswalks and Geometric Modifications	450,000								450,000	450,000				
		4662210023	Sanders - Thorndale to West Park & Sterling - North Oval to Forsyth - New Street Light	35,000								35,000	35,000				
		4662202047	Stone Church - Arbour to Upper Red Hill Valley Pkwy	755,000								755,000	144,000		611,000		
		4662202048	Victoria South (Cannon/Stinson)	380,000								380,000	380,000				
		466220988	Signal Cabinet Wrapping	50,000								50,000	50,000				
		4662255240	Capacity Reviews & Closure Plans/Implementations	75,000								75,000	75,000				
		4662202723	Portable Variable Message Sign /Queue End Warning	270,000								270,000	270,000				
		4662255201	Sherman Access/Cut Equipment inventory, audit/condition & needs assessment and specifications and tw	175,000								175,000	175,000				
		4662202034	Main & Paradise - Pedestrian Cross-Over - (IPS and 2 x	320,000							290,000	30,000	30,000				
		4662201099	TOM Cost Allocation to Engineering Services Projects	520,000								520,000	520,000				
		4042210204	70 Brookstream Court Slope Stabilization	200,000								200,000	200,000				
		4662255242	Decorative Street Lighting LED Retro-fit Study	80,000								80,000	80,000				
		4662202085	Rebecca Street Upgrades - John to Catharine	750,000								750,000	750,000				
		4662202050	North End Gateway	100,000								100,000	100,000				
		4662210217	In-Fill Street Lighting Program in Former Town of Ancaster	250,000								250,000	250,000				
		4242009701	A/R - Eastmount Neighbourhood	800,000								800,000	120,000		680,000		
						24,544,000	-	-	3,100,850	-	1,240,000	4,165,000	16,038,150	14,322,150	-	1,716,000	-
			PW-General Administration	4031957944	PW Asset Management (PW-AM) System Implementation - CASH FLOW	2,710,000				1,300,000			1,410,000	1,410,000			
			PW-General Administration Total			2,710,000				1,300,000			1,410,000	1,410,000			
		Public Works Tax Funded Total				189,272,500	-	387,000	31,789,250	6,450,000	22,223,000	14,526,000	113,897,250	59,581,250	20,259,000	34,057,000	-
		TOTAL 2022 CAPITAL PROJECTS REQUIRING APPROVAL				280,083,810	52,000	387,000	73,304,850	6,450,000	35,347,810	14,903,000	149,639,150	89,823,150	20,259,000	34,057,000	5,500,000
														47,438,000 * DC Debt			
		For Reference															
		Previously Approved 2022 Capital Program Projects															
Planning & Economic Development	Tourism & Culture	7202041201	ICIP CCR Griffin House Stabilization	250,000	183,330					66,670	-						
		7202041204	ICIP CCR Children's Museum Expansion Phase 2	845,000	619,640					225,360	-						
	Tourism & Culture Total			1,095,000	802,970	-	-	-	-	292,030	-	-	-	-	-		
Planning & Economic Development Total				1,095,000	802,970	-	-	-	-	292,030	-	-	-	-	-		
Public Works Tax Funded	Energy, Fleet and Facilities	6302141102	Macassa Lodge D-Wing	23,700,000			7,270,000		16,430,000		-	-	-	-	-		
		7102054006	ICIP CCR - Rec Roof Replacements (Phase B)	3,373,000	2,355,360					1,017,640	-						
		7102054007	ICIP CCR - Cen Mem Rec Ctr Elevator Modernization	324,000	219,990					104,010	-						
		Energy, Fleet and Facilities Total			27,397,000	2,575,350	-	7,270,000	-	16,430,000	1,121,650	-	-	-	-		
	Transit Services	5302083001	HSR Expansion Buses - Modal Split	7,491,000	5,493,000		605,000		1,393,000	-							
		5302183100	HSR Bus Replacement Program	18,684,000	13,041,000				5,643,000	-							
		5301783700	HSR Bus Expansion Program - 10 Year Plan	4,162,000	3,052,000		336,000		774,000	-							
		5302183101	Active Transportation Connections	900,000	660,000				240,000	-							
		5302218001	Birch Avenue Bridge/Road Works	39,965,000	29,306,300					10,658,700		10,658,700					
		5302184102	Real-Time Operations Management	2,750,000	2,016,600					733,400		733,400					
		5302184103	A-Line Priority Bus Corridor	2,000,000	1,466,600					533,400		533,400					
			Transit Services Total			75,952,000	55,035,500	-	941,000	-	8,050,000	-	11,925,500	-	11,925,500	-	-
	Environmental Services	4402056926	ICIP CCR - HAAA Park Redevelopment (Hamilton Amateur Athletic Assoc.)	1,483,000	945,610				537,390	-							
			Environmental Services Total			1,483,000	945,610	-	-	-	537,390	-	-	-	-	-	
	Public Works Tax Funded Total				104,832,000	58,556,460	-	8,211,000	-	24,480,000	1,659,040	11,925,500	-	11,925,500	-	-	
	Total Previously Approved 2022 Capital Program Projects				105,927,000	59,359,430	-	8,211,000	-	24,480,000	1,951,070	11,925,500	-	11,925,500	-	-	
TOTAL 2022 CAPITAL PROGRAM				386,010,810	59,411,430	387,000	81,515,850	6,450,000	59,827,810	16,854,070	161,564,650	89,823,150	32,184,500	34,057,000	5,500,000		

## Discretionary Tax Supported Net Capital Funding 2022 - 2031 Forecast

Sources of Funding (Net) (\$000's)	2021 Final	2022 Proposed	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast	2029 Forecast	2030 Forecast	2031 Forecast	Totals 2022-2031
<b>Sustainable Funding Sources</b>												
Contribution from Operating	86,657	92,770	96,264	101,740	106,442	115,511	122,593	126,442	130,305	140,680	144,578	1,177,325
HUC/Alectra Dividends	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	23,000
HUC/Alectra Dividends - Poverty reduction	3,000	3,000	3,000	3,000	3,000	3,000	3,000	-	-	-	-	18,000
Future Fund - Poverty Reduction	4,000	-	-	-	-	-	-	-	-	-	-	-
Federal Gas Tax	39,543	34,057	35,537	35,537	35,537	35,537	35,537	35,537	35,537	35,537	35,537	353,890
Previous Yrs. Capital Financing Surplus	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Sustainable Funding Sources</b>	<b>135,500</b>	<b>132,127</b>	<b>137,101</b>	<b>142,577</b>	<b>147,279</b>	<b>156,348</b>	<b>163,430</b>	<b>164,279</b>	<b>168,142</b>	<b>178,517</b>	<b>182,415</b>	<b>1,572,215</b>
<b>Non-Sustainable Funding Sources</b>												
Unallocated / Other Capital Reserve	5,125	2,447	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	-	54,447
COVID-19 Reserve	1,100	-	-	-	-	-	-	-	-	-	-	-
Roads, Bridges and Traffic Capital Reserve	2,090	-	-	-	-	-	-	-	-	-	-	-
<b>Total Non-Sustainable Funding Sources</b>	<b>8,315</b>	<b>2,447</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>6,500</b>	<b>-</b>	<b>54,447</b>
<b>Total New External Debt (Principal)</b>	<b>29,076</b>	<b>32,185</b>	<b>10,620</b>	<b>33,510</b>	<b>650</b>	<b>1,742</b>	<b>700</b>	<b>30,000</b>	<b>1,037</b>	<b>6,360</b>	<b>98,350</b>	<b>215,154</b>
<b>Total Funding (Net)</b>	<b>172,891</b>	<b>166,759</b>	<b>154,221</b>	<b>182,587</b>	<b>154,429</b>	<b>164,590</b>	<b>170,630</b>	<b>200,779</b>	<b>175,679</b>	<b>191,377</b>	<b>280,765</b>	<b>1,841,815</b>
<b>Net Capital Funding (Block Funding) (\$000's)</b>												
Corporate Services	90	345	118	121	124	127	130	133	137	140	144	1,519
Information Technology	7,588	2,990	2,000	2,051	2,104	2,158	2,213	2,269	2,328	2,387	2,448	22,948
Corporate Facilities	7,040	4,583	5,989	6,142	6,300	6,461	6,626	6,796	6,970	7,148	7,331	64,347
Cultural Facilities	1,702	1,702	2,224	2,281	2,340	2,399	2,461	2,524	2,588	2,655	2,723	23,897
DC exemptions	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	85,000
Commercial Districts and Small Business	2,210	2,210	2,888	2,962	3,038	3,116	3,195	3,277	3,361	3,447	3,535	31,029
Economic Development Initiatives	2,000	1,956	2,614	2,681	2,749	2,820	2,892	2,966	3,042	3,120	3,199	28,037
Entertainment Facilities	800	-	-	-	-	-	-	-	-	-	-	-
Fire / Paramedic Services	5,940	1,000	1,307	1,340	1,375	1,410	1,446	1,483	1,521	1,560	1,600	14,040
Forestry & Horticulture	1,565	1,345	1,758	1,803	1,849	1,896	1,945	1,994	2,045	2,098	2,152	18,884
Health and Safe Communities - Other Div	160	160	209	214	220	226	231	237	243	250	256	2,246
Housing Services	7,500	3,500	3,653	3,670	3,687	3,705	3,723	741	760	780	800	25,020
Long Term Care Facilities	500	500	653	670	687	705	723	741	760	780	800	7,020
Park Development (New/Expansion)	3,590	4,211	4,235	4,344	4,455	4,569	4,686	4,806	4,929	5,055	5,185	46,475
Park's Operations	1,678	1,138	1,487	1,525	1,564	1,604	1,645	1,687	1,731	1,775	1,820	15,978
Parkland Acquisition	1,500	1,500	1,960	2,010	2,062	2,115	2,169	2,224	2,281	2,340	2,400	21,060
Planning / Development	639	130	170	174	179	183	188	193	198	203	208	1,825
Recreation Facilities	4,581	4,580	5,985	6,138	6,296	6,457	6,622	6,791	6,965	7,144	7,327	64,305
Roads / Bridges / Sidewalk / Street Lighting / Traffic	65,764	64,826	65,852	68,486	71,226	74,075	77,038	80,119	83,324	86,657	86,657	758,261
<b>Block Funding Total</b>	<b>123,347</b>	<b>105,177</b>	<b>111,603</b>	<b>115,114</b>	<b>118,752</b>	<b>122,524</b>	<b>126,433</b>	<b>127,484</b>	<b>131,684</b>	<b>136,037</b>	<b>137,084</b>	<b>1,231,891</b>

## Discretionary Tax Supported Net Capital Funding 2022 - 2031 Forecast

[illegible]



## 2022 Tax Supported Capital Budget - Operating Budget Impacts for Projects Included in the 2022 Financing Plan

Project	FTE'S (#)	Operating Costs (\$)
<b><u>Corporate Services</u></b>		
<b><i>Corporate Services Administration</i></b>		
2052255201 - Administrative Penalties Expansion and Operational Enhancement Review	0.50	50,000.00
<b><i>Corporate Services Administration Total</i></b>	<b>0.50</b>	<b>50,000.00</b>
<b><i>Customer Service, POA and Fin'l Integration</i></b>		
2052157002 - Replacement of Integrated Court Offences Network and Collections Administration Management Software	0.50	45,000.00
<b><i>Customer Service, POA and Fin'l Integration Total</i></b>	<b>0.50</b>	<b>45,000.00</b>
<b><i>Information Technology</i></b>		
3501957906 - IT Strategy - Strategic Theme IT Optimization	-	15,000.00
3501957910 - Messaging (Email) Platform Migration	-	100,000.00
3502157202 - IT Asset Management Program	-	60,000.00
3502157907 - Business Systems and Services Continuity Plan	-	96,000.00
3502257203 - Information Security Program	1.00	140,000.00
<b><i>Information Technology Total</i></b>	<b>1.00</b>	<b>411,000.00</b>
<b><u>Corporate Services Total</u></b>	<b>2.00</b>	<b>506,000.00</b>
<b><u>Healthy &amp; Safe Communities</u></b>		
<b><i>Hamilton Fire Department</i></b>		
7402251102 - HFD Technology	-	100,000.00
<b><i>Hamilton Fire Department Total</i></b>	<b>-</b>	<b>100,000.00</b>
<b><u>Healthy &amp; Safe Communities Total</u></b>	<b>-</b>	<b>100,000.00</b>
<b><u>Planning &amp; Economic Development</u></b>		
<b><i>Commercial Districts and Small Business</i></b>		
8202203206 - Community Downtowns and BIAs	-	55,800.00
<b><i>Commercial Districts and Small Business Total</i></b>	<b>-</b>	<b>55,800.00</b>
<b><i>Growth Management</i></b>		
4031380390 - East-West Road Corridor (Waterdown By-Pass) CASH FLOW	0.06	146,243.00
4032280253 - Arvin Ave - McNeilly to Lewis	0.06	26,817.00
4032280282 - Binbrook - Royal Winter/Binhaven to Fletcher	0.06	13,456.00
4032280283 - Twenty Road Extension - Glover Road to future Upper Red Hill Valley Parkway	0.09	14,214.00
<b><i>Growth Management Total</i></b>	<b>0.27</b>	<b>200,730.00</b>
<b><i>Planning Services</i></b>		
8121255620 - Part IV Designation of Properties under the Ontario Heritage Act	0.10	11,500.00
<b><i>Planning Services Total</i></b>	<b>0.10</b>	<b>11,500.00</b>
<b><i>Tourism &amp; Culture</i></b>		
7102258200 - Binbrook Branch Hamilton Public Library Public Art	0.10	10,785.00
7102258201 - Vincent Massey Park Public Art	0.10	10,785.00

NOTE: Operating Budget impacts of \$762,000 and 4.0 FTE are estimated for 2022 and \$884,585 and 2.6 FTE for future years.

<b>Project</b>	<b>FTE'S (#)</b>	<b>Operating Costs (\$)</b>
7102258202 - Andrew Warburton Memorial Park Public Art	0.10	10,785.00
<b><i>Tourism &amp; Culture Total</i></b>	<b>0.30</b>	<b>32,355.00</b>
<b><i>Transportation, Planning and Parking</i></b>		
4032155744 - TMP Modelling & Monitoring	0.25	30,000.00
4032155820 - Sustainable Mobility Program	0.50	60,000.00
4032255242 - Transportation Network Review and Implementation Plan	0.25	30,000.00
<b><i>Transportation, Planning and Parking Total</i></b>	<b>1.00</b>	<b>120,000.00</b>
<b><i>Planning &amp; Economic Development Total</i></b>	<b>1.67</b>	<b>420,385.00</b>
<b><i>Public Works</i></b>		
<b><i>Engineering Services</i></b>		
4032011028 - Southcote - Garner to Highway 403 Bridge	0.03	36,245.00
<b><i>Engineering Services Total</i></b>	<b>0.03</b>	<b>36,245.00</b>
<b><i>Environmental Services</i></b>		
4401756703 - Mountain Brow Path	-	6,000.00
4401856819 - Albion Falls - Waterfalls Viewing	0.50	39,970.00
4401956922 - Alexander Park Skate Park	0.34	39,095.00
4401956932 - HRTMP Initiative 15-12 Mountain Brow Road Link	-	4,000.00
4402049006 - Millgrove Drainage & Repair	-	2,000.00
4402056011 - Valley Community Centre Park	0.33	37,944.00
4402056918 - Beasley Park Rehabilitation Phase 2 - Kelly Street Pedestrianization	0.33	37,944.00
4402149003 - Backflow Prevention for Various Parks Facilities	-	66,217.00
4402149007 - Cemetery Columbarium	-	3,500.00
4402151601 - Equipment Acquisition (DC) Program	-	2,200.00
4402156001 - Leash Free Dog Park Program	-	8,000.00
4402156117 - Victoria Park Spray Pad Replacement	-	500.00
4402156121 - Tiffany Hills Park Pathway Connection to School	-	1,000.00
4402256102 - Brightside Park (Stadium Precinct Community)	0.50	47,205.00
4402256110 - Golf Links Park Ice Rink Servicing	-	2,000.00
4402256116 - Pipeline Trail Gateway	-	2,000.00
4402256204 - William Connell Phase 3	0.50	39,000.00
4452153444 - Tree Planting Program	-	21,000.00
4452253204 - Fleet Assets - Forestry & Horticulture	-	4,200.00
4452253205 - Horticulture Polyhouse Construction	-	500.00
<b><i>Environmental Services Total</i></b>	<b>2.50</b>	<b>364,275.00</b>
<b><i>Transportation Operations &amp; Maintenance</i></b>		
4662220223 - New Traffic Signal - York @ Old Guelph	0.05	13,810.00
4662220227 - New Signalized Intersection - Wellington St. S. & Hunter St. E	0.05	5,410.00
4662220228 - New Traffic Signal - Mud St & First Rd E	0.05	5,410.00
4662220229 - New Traffic Signal - Fennell Ave & 50m W/O East 43rd St	0.05	5,410.00
4662220230 - New Traffic Signal - Rymal Rd & Pritchard Rd	0.05	5,410.00
4662220232 - New Traffic Signal - York & Olympic	0.05	5,410.00
4662220234 - Main & Paradise - Pedestrian Cross-Over - (IPS and 2 x Type C)	0.05	5,410.00
4662220247 - Stone Church - Arbour to Upper Red Hill Valley Pkwy	0.05	5,410.00
<b><i>Transportation Operations &amp; Maintenance Total</i></b>	<b>0.40</b>	<b>51,680.00</b>

NOTE: Operating Budget impacts of \$762,000 and 4.0 FTE are estimated for 2022 and \$884,585 and 2.6 FTE for future years.

Project	FTE'S (#)	Operating Costs (\$)
<b><i>Transit Services</i></b>		
5302249001 - Operator Washroom Conveniences	-	168,000.00
<b><i>Transit Services Total</i></b>	-	<b>168,000.00</b>
<b><u>Public Works Total</u></b>	<b>2.93</b>	<b>620,200.00</b>
<b><u>Grand Total</u></b>	<b>6.60</b>	<b>1,646,585.00</b>

NOTE: Operating Budget impacts of \$762,000 and 4.0 FTE are estimated for 2022 and \$884,585 and 2.6 FTE for future years.