



City of Hamilton

CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW SUB-COMMITTEE

Meeting #: 20-001
Date: January 27, 2020
Time: 1:00 p.m.
Location: Council Chambers, Hamilton City Hall
71 Main Street West

Angela McRae, Legislative Coordinator (905) 546-2424 ext. 5987

	Pages
1. CEREMONIAL ACTIVITIES	
2. APPROVAL OF AGENDA	
(Added Items, if applicable, will be noted with *)	
3. DECLARATIONS OF INTEREST	
4. APPROVAL OF MINUTES OF PREVIOUS MEETING	
4.1 September 26, 2019	3
5. COMMUNICATIONS	
6. DELEGATION REQUESTS	
7. CONSENT ITEMS	
8. PUBLIC HEARINGS / DELEGATIONS	
9. STAFF PRESENTATIONS	
10. DISCUSSION ITEMS	
10.1 Capital Project Closing Report as of September 30, 2019 (FCS19078(a)) (City Wide)	5
10.2 Capital Projects Status Report (Excluding Public Works) as of September 30, 2019 (FCS19079(a)) (City Wide)	25

10.3 Public Works - Capital Projects Status Report as of September 30, 2019
(FCS19077(a)) (City Wide)

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- 11. MOTIONS
- 12. NOTICES OF MOTION
- 13. GENERAL INFORMATION / OTHER BUSINESS
- 14. PRIVATE AND CONFIDENTIAL
- 15. ADJOURNMENT



Hamilton

**CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW
SUB-COMMITTEE
MINUTES 19-006**

11:00 a.m.

September 26, 2019

Council Chambers

Hamilton City Hall

Present: Councillors M. Pearson (Chair), J.P. Danko and N. Nann

Absent: Councillor M Wilson – City Business

THE FOLLOWING ITEMS WERE REFERRED TO THE GENERAL ISSUES COMMITTEE FOR CONSIDERATION:

1. **Capital Projects Status Report (Excluding Public Works) as of June 30, 2019 (FCS19079) (City Wide) (Item 10.1)**

(Danko/Nann)

That the Capital Projects Status Report (excluding Public Works), as of June 30, 2019, attached as Appendix “A” to Report FCS19079, be received.

CARRIED

FOR INFORMATION:

- (a) **CHANGES TO THE AGENDA (Item 2)**

There were no changes to the agenda.

(Nann/Danko)

That the agenda for the September 26, 2019 Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

Result: Motion CARRIED by a vote of 3 to 0, as follows:

NOT PRESENT – Councillor Maureen Wilson

YES – Councillor Ninder Nann

YES – Councillor John-Paul Danko

YES – Chair Maria Pearson

- (b) **DECLARATIONS OF INTEREST (Item 3)**

There were no declarations of interest.

(c) APPROVAL OF MINUTES OF PREVIOUS MEETING (Item 4)

(i) September 25, 2019 (Item 4.1)

(Nann/Danko)

That the Minutes of the September 25, 2019 meeting of the Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

Result: Motion CARRIED by a vote of 3 to 0, as follows:

NOT PRESENT – Councillor Maureen Wilson
YES – Councillor Nrinder Nann
YES – Councillor John-Paul Danko
YES – Chair Maria Pearson

(d) ADJOURNMENT (Item 15)

(Nann/Danko)

That, there being no further business, the Capital Projects Work-In-Progress Review Sub-Committee, be adjourned at 11:17 a.m.

CARRIED

Respectfully submitted,

Councillor Pearson, Chair
Capital Projects Work-in-Progress
Sub-Committee

Angela McRae
Legislative Coordinator
Office of the City Clerk



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

TO:	Chair and Members Capital Projects Work-in-Progress Sub-Committee
COMMITTEE DATE:	January 27, 2020
SUBJECT/REPORT NO:	Capital Project Closing Report as of September 30, 2019 FCS19078(a) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Samantha Blackley (905) 546-2424 Ext. 2132
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

RECOMMENDATION(S)

- (a) That the General Manager of Finance and Corporate Services be authorized to transfer \$222,314.21 to the Unallocated Capital Levy Reserve (108020) as outlined in Appendix "A" to Report FCS19078(a);
- (b) That the General Manager of Finance and Corporate Services be directed to close the completed and / or cancelled capital projects listed in Appendix "B" to Report FCS19078(a) in accordance with the Capital Projects Closing and Monitoring Policy.
- (c) That Appendix "C" to Report FCS19078(a), Capital Projects Budget Appropriations for the period covering July 1, 2019 through September 30, 2019, be received for information;
- (d) That Appendix "D" to Report FCS19078(a), Capital Projects Budget Appropriations above \$250,000 requiring Council authorization for the period covering July 1, 2019 through September 30, 2019 totalling \$800,000, be approved;

EXECUTIVE SUMMARY

Report FCS19078(a) presents the capital projects which have been completed or cancelled as of September 30, 2019.

Appendix "A" to Report FCS19078(a) summarizes net transfers to both the Unallocated Capital Levy Reserve and the Program Specific Reserves.

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

**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 2 of 7**

Appendix “B” to Report FCS19078(a) lists the individual projects to be closed. A total of 77 projects with a combined budget of \$54,504,174.06 is being recommended for closure and is summarized as follows:

- \$2,121,000.00 relating to completed projects with surpluses of \$222,314.21 to be returned to the Unallocated Capital Levy Reserve (108020);
- \$295,000.00 relating to cancelled or delayed projects; and
- \$52,088,174.06 relating to projects completed on or under budget that do not impact reserves.

All capital projects listed for closure in Appendix “B” to Report FCS19078(a) have been reviewed and determined to be complete, with all revenue and expenditure transactions relating to these projects having been processed. Any funding adjustments necessary to close the projects in accordance with the Capital Projects Closing and Monitoring Policy (Report FCS05044, Report FCS07081(a) and Report FCS14031) are reflected in the amounts presented.

Appendix “C” to Report FCS19078(a) lists all the re-appropriation of funds between capital projects totalling \$2,403,240.00 for the period covering July 1, 2019 through September 30, 2019 in accordance with the Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy (Report FCS14031).

Appendix “D” to Report FCS19078(a) lists all capital projects requiring Council approval to transfer funds above \$250,000 per the Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy or are returning funds to the reserve due to favourable tendering for the period covering July 1, 2019 through September 30, 2019. All project surpluses, totalling \$800,000.00 will be returned to the original funding source based on the Ward Boundaries at the time the project was created, to ensure funding is spent in the geographic area in which it was intended. Once these projects have been completed, they will then be added to the corresponding closing report.

Alternatives for Consideration – Not Applicable

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: As outlined in Appendix “A” to Report FCS19078(a) and summarized in Table 1, a combined total of \$222,314.21 in funding is being returned to the Unallocated Capital Levy Reserve (108020) due to project surpluses.

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**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 3 of 7**

Table 1
City of Hamilton
Capital Project Closings
As of September 30, 2019
Unallocated Capital Levy Reserve Impact (108020)

Year Approved	Project ID	Description	Surplus / (Deficit) (\$)
2007	2050757700	Tangible Capital Asset Project	194,502.83
2017	7401755703	10YR HFD Service Delivery Plan	26,497.64
2018	3381857801	Social Procurement Consultant	695.25
2018	4661820017	Traffic Signal LED Upgrades - 2018	618.49
Net impact to the Unallocated Capital Levy Reserve			<u>\$222,314.21</u>

Appendix “C” to Report FCS19078(a) details the appropriations between capital projects during the period covering July 1, 2019 to September 30, 2019. A total of \$2,403,240.00 was moved between capital projects in compliance with the Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy (Report FCS14031), as summarized in Table 2.

Table 2
City of Hamilton
Capital Project Appropriations
As of September 30, 2019
Transfers by Department

Department	Amount (\$)
Tax Supported Capital Budget	
Corporate Services Department	\$ 23,300.00
Healthy and Safe Communities Department	92,000.00
Planning and Economic Development Department	288,700.00
Public Works Department	<u>1,442,240.00</u>
	<u>\$1,846,240.00</u>
Rate Supported Capital Budget	
Public Works Department	<u>\$557,000.00</u>
Total	<u>\$2,403,240.00</u>

Appendix “D” to Report FCS19078(a) lists the capital projects requiring Council approval to transfer funds above \$250,000 or reserve transfers for the period covering July 1, 2019 through September 30, 2019 due to favourable tendering. The number of projects and the requested transfer amounts are summarized in Table 3.

**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 4 of 7**

Table 3
City of Hamilton
Capital Project to be Funded above \$250,000
As of September 30, 2019

Description	Projects From	Projects To	Amount
Public Works (Tax)			
Roads	3	3	<u>\$800,000.00</u>
Total			<u>\$800,000.00</u>

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

The Capital Status and Capital Project Closing reports are submitted to City Council three times a year at June 30, September 30 and December 31.

On December 14, 2011, Council approved Report FCS11073(a) which directed staff to review the Capital Projects Status and Closing process and that a process where departments report to their respective Standing Committee on the status of the Capital Work-in-Progress projects be implemented. Standing Committee reporting commenced as of the June 30, 2013 reporting period. Reports are brought forward to the Standing Committee three times per reporting year at June 30, September 30 and December 31. This allows the Standing Committee to review the status of a fewer number of projects, in greater detail, applicable to their area of oversight.

The Capital Projects Closing Report has remained the responsibility of the Financial Planning, Administration and Policy Division to ensure suitable controls are maintained, projects are appropriately closed and to centralize the function.

On May 14, 2014, Council approved changes to the City's Capital Project Monitoring Policy and Capital Project Closing Policy (Report FCS14031). The amended Policy has staff submit the Capital Project Status Reports and Capital Project Closing Reports to the Capital Projects Work-in-Progress Sub-Committee.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

The submission of the Capital Projects Closing Report is a requirement of the City's Capital Closing Policy Reports (Reports FCS05044 and FCS07081(a)) and Capital Projects Monitoring Policy Report (Report FCS14031).

The City's Capital Closing Policy (Reports FCS05044 / FCS07081(a)) states:

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**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 5 of 7**

- i) That any approved Capital project, whose construction stage has not begun after three years, be closed and be re-submitted to Council for approval.
- ii) That any closing surplus or deficit be distributed as follows:
 - 1. Surplus:
 - a) If funded from a specific reserve, return funds to that reserve.
 - b) If funded from debentures, apply to reduce future debenture requirements.
 - c) If funded from current contribution, apply to the Unallocated Capital Levy Reserve or apply to reduce Outstanding Debt.
 - 2. Deficit:
 - a) If funded from a specific reserve, fund from that reserve.
 - b) If funded from debentures, increase future debenture requirements only if no other source of financing is available.
 - c) If funded from current contribution, fund from the Unallocated Capital Levy Reserve.

The City's Capital Projects Monitoring Policy and Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy (Report FCS14031), as amended by Council on May 14, 2014, states:

- i) That a Capital Projects Status Report be submitted by departments to Capital Projects Work-in-Progress Sub Committee three times a year as of June 30, September 30 and December 31.
- ii) That a Capital Projects Closing Report be compiled by Corporate Services Department and submitted to the Capital Projects Work-in-Progress Sub-Committee three times a year as of June 30, September 30 and December 31.
- iii) That unfavourable project variances be funded according to the Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy. If available funding cannot be found within the limits of the Capital Projects Budget Appropriation and Work-in-Progress Transfer Policy, a report explaining the variance and recommending a source of funding be submitted to the appropriate Committee of Council for approval.
- iv) Approval authority for the re-appropriation of funds in each financial year be at the same levels as the City's Procurement Policy:
 - 1. Council must approve re-appropriations of \$250,000 or greater
 - 2. City Manager or designate must approve appropriations greater than \$100,000 and less than \$250,000
 - 3. General Managers or delegated staff be authorized to approve appropriations up to \$100,000

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**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 6 of 7**

RELEVANT CONSULTATION

Staff from the following departments, boards, and / or agencies submitted the included capital projects for closure:

- Public Works Department
- Planning and Economic Development Department
- Corporate Services Department
- Healthy and Safe Communities Department

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

For each Capital Project Status Report, staff determines if projects can be closed (inactivated) and monitors the financial activity to ensure that Council is aware of any capital projects which deviate significantly from the approved budgeted amounts. Once projects have been determined to be complete or cancelled, they are submitted by departments to Financial Planning, Administration and Policy for inclusion in the Capital Projects Closing Report. These submissions are reviewed by Financial Planning, Administration and Policy to ensure transactions are finalized, all purchase orders cleared and a funding source is identified, where necessary.

Inactivating completed projects helps to keep the number of capital projects in the financial system to a manageable size and eliminates redundant data from reports. More importantly, it ensures that projects which are complete and/or no longer required do not unnecessarily tie up budget resources that could be re-directed to other needs / capital projects.

Appendix “D” to Report FCS19078(a) lists all the capital projects totalling \$800,000 requiring Council approval to transfer funds above \$250,000 or reserve transfers due to favourable project tendering for the period covering July 1, 2019 through September 30, 2019. All project surpluses will be returned to the original funding source based on the Ward Boundaries at the time the project was created. This ensures funding is spent in the recommended geographic area in which it was intended.

ALTERNATIVES FOR CONSIDERATION

There are no alternatives as the Capital Projects Closing Report deals primarily with historical information and application of corporate policies.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement and Participation

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

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**SUBJECT: Capital Project Closing Report as of September 30, 2019 (FCS19078(a))
(City Wide) – Page 7 of 7**

Economic Prosperity and Growth

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

Built Environment and Infrastructure

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

Our People and Performance

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

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” to Report FCS19078(a) - Capital Project Closings as of September 30, 2019 - Projects Impacting the Unallocated Capital Levy Reserve

Appendix “B” to Report FCS19078(a) - Capital Projects Closing Schedule as of September 30, 2019

Appendix “C” to Report FCS19078(a) - Capital Projects Budget Appropriation Schedule for the Period Covering July 1, 2019 through September 30, 2019

Appendix “D” to Report FCS19078(a) - Capital Projects to be Council Approved / Funded Above \$250,000 for the Period Covering July 1, 2019 through September 30, 2019

SB/dt

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CITY OF HAMILTON						
CAPITAL PROJECT CLOSINGS						
AS OF SEPTEMBER 30, 2019						
Projects impacting the Unallocated Capital Levy Reserve						
Year	ProjectID	Description	Surplus/ (Deficit) (\$)	Reserve	Description	
<i>Projects returning funds</i>						
2007	2050757700	Tangible Capital Asset Project	194,502.83	108020	Unalloc Capital Levy	
2017	7401755703	10YR HFD Service Delivery Plan	26,497.64	108020	Unalloc Capital Levy	
2018	3381857801	Social Procurement Consultant	695.25	108020	Unalloc Capital Levy	
2018	4661820017	Traffic Signal LED Upgrades - 2018	618.49	108020	Unalloc Capital Levy	
<i>Net impact to the Unallocated Capital Levy Reserve</i>			222,314.21			
<i>Total Net impact to the Unallocated Capital Levy Reserve and Other Reserves</i>			222,314.21			

CITY OF HAMILTON
CAPITAL PROJECTS' CLOSING SCHEDULE
AS OF SEPTEMBER 30, 2019

Appendix "B" to Report FCS19078(a)
Page 1 of 3

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	REVENUES (\$)	EXPENDITURES (\$)	PROJECT SURPLUS/ (DEFICIT) (\$)	% SPENT
			a	b	c	d = b - c	e=c/a
UNALLOCATED CAPITAL LEVY RESERVE							
2007	2050757700	Tangible Capital Asset Project	1,700,000.00	1,648,296.72	1,453,793.89	194,502.83	88.2%
2017	7401755703	10YR HFD Service Delivery Plan	200,000.00	155,421.26	128,923.62	26,497.64	64.5%
2018	3381857801	Social Procurement Consultant	88,000.00	88,000.00	87,304.75	695.25	99.2%
2018	4661820017	Traffic Signal LED Upgrades - 2018	133,000.00	133,000.00	132,381.51	618.49	99.5%
TOTAL FUNDS FROM UNALLOCATED CAPITAL LEVY (4)			2,121,000.00	2,024,717.98	1,802,403.77	222,314.21	85.0%
DELAYED/CANCELLED PROJECTS							
2016	4031680680	Garth St Extension Class EA	280,000.00	0.00	0.00	0.00	0.0%
2016	4401656621	Pleasant View Land Acquisition	0.00	0.00	0.00	0.00	0.0%
2017	4401749510	Spray pad Infrastructure Rehab	0.00	0.00	0.00	0.00	0.0%
2017	2111756401	Parkland Acquisition	0.00	0.00	0.00	0.00	0.0%
2018	4401856808	785 Britannia Ave St Helens	0.00	0.00	0.00	0.00	0.0%
2019	4241909213	Durand Heritage Street Signs	15,000.00	0.00	0.00	0.00	0.0%
2019	6731941902	COCHI Repairs	0.00	0.00	0.00	0.00	0.0%
2019	6731941903	OPHI New Construction	0.00	0.00	0.00	0.00	0.0%
2019	6731941904	COCHI & OPHI-Admin	0.00	0.00	0.00	0.00	0.0%
TOTAL DELAYED/CANCELLED PROJECTS (9)			295,000.00	0.00	0.00	0.00	0.0%
COMPLETED PROJECTS							
Corporate Services, City Manager's Office and Councillor Infrastructure Programs (Tax Budget)							
Councillor Infrastructure Program							
2017	4241710555	2017 Chargebacks – Area Rating	227,190.51	546,330.86	546,330.86	0.00	100.0%
2018	4241810555	2018 Chargebacks - Area Rating	0.00	561,488.41	561,488.41	0.00	100.0%
Outside Boards & Agencies							
CityHousing Hamilton							
2009	6180941901	801 Upper Gage Renovation	1,400,000.00	2,778,861.40	2,778,861.40	0.00	100.0%
Library Services							
2008	7500841800	RFID Project	4,290,000.00	4,285,591.06	4,285,591.06	0.00	99.9%
2017	7501741602	Rural Service Model Pilot	35,000.00	34,139.12	34,139.12	0.00	97.5%
2018	7501859400	Digital Collections Project	100,000.00	99,742.16	99,742.16	0.00	99.7%
2018	7501851401	Children's Computer Replacement	140,000.00	138,022.45	138,022.45	0.00	98.6%
Healthy and Safe Communities (Tax Budget)							
Hamilton Paramedic Service							
2018	7641851101	Annual Paramedic Equip Replace	1,019,000.00	1,010,693.03	1,010,693.03	0.00	99.2%
Planning & Economic Development (Tax Budget)							
Tourism & Culture							
2015	7201541506	Gage House Exterior	50,130.00	50,182.67	50,182.67	0.00	100.1%
Real Estate Division							
2014	2111456401	Parkland Acquisition	3,500,000.00	3,508,633.00	3,508,633.00	0.00	100.2%
2015	2111556401	Parkland Acquisition	1,500,000.00	1,500,000.00	1,500,000.00	0.00	100.0%
2016	2111656401	Parkland Acquisition	1,500,000.00	1,500,000.00	1,500,000.00	0.00	100.0%
2018	3561850123	RE 1500	240,000.00	240,000.00	240,000.00	0.00	100.0%

CITY OF HAMILTON
CAPITAL PROJECTS' CLOSING SCHEDULE
AS OF SEPTEMBER 30, 2019

Appendix "B" to Report FCS19078(a)
Page 2 of 3

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$) a	REVENUES (\$) b	EXPENDITURES (\$) c	PROJECT SURPLUS/ (DEFICIT) (\$) d = b - c	% SPENT e=c/a
Public Works (Tax Budget)							
Parks & Cemeteries (Tax Budget)							
2014	4241409213	Public Seating	50,000.00	12,140.16	12,140.16	0.00	24.3%
2015	4241509720	Inch Park Initiative	25,289.44	25,289.44	25,289.44	0.00	100.0%
2017	4401741001	Cemetery Building Repairs	75,000.00	75,000.00	75,000.00	0.00	100.0%
2017	4401749607	Outdoor Ice Rink Program	7,600.00	7,635.08	7,635.08	0.00	100.5%
2017	4401749612	Cemetery Id Signs	36,517.41	36,517.41	36,517.41	0.00	100.0%
2018	4241809303	Lifesavers Park	125,000.00	109,020.29	109,020.29	0.00	87.2%
2018	4241809304	Woodlands Park	101,800.00	101,760.20	101,760.20	0.00	100.0%
2018	4241809602	Fay Park Redevelopment	91,100.00	91,080.46	91,080.46	0.00	100.0%
2018	4401811601	Cemetery Roads Rehabilitation	11,300.00	11,297.83	11,297.83	0.00	100.0%
2018	4401851601	Equipment Acquisitions - DC	247,000.00	247,000.05	247,000.05	0.00	100.0%
2018	4401856001	Leash free Dog Park Program	80,000.00	80,000.00	80,000.00	0.00	100.0%
2018	7101854812	SC Tennis-Courts Resurfacing	70,000.00	70,000.00	70,000.00	0.00	100.0%
2018	4241809704	Inch Park Improvement	304,519.70	304,519.70	304,519.70	0.00	100.0%
Open Space & Development (Tax Budget)							
2010	4401056521	Trillium Seabreeze Park	872,400.00	872,842.39	872,842.39	0.00	100.1%
2012	4401255002	Confederation Park Feasibility Study	242,497.00	242,497.31	242,497.31	0.00	100.0%
Forestry & Horticulture							
2016	4451653644	Tree Planting Program Wards 3-5	398,910.00	362,481.51	362,481.51	0.00	90.9%
2019	4241909208	Cannon Bike Planters	9,000.00	9,000.00	9,000.00	0.00	100.0%
Fleet							
2016	4941651100	Fleet Vehicle & Equipment Replace Program	8,330,890.00	8,322,583.94	8,322,583.94	0.00	99.9%
2018	4941851004	Street Sweeper Purchase	739,100.00	739,180.60	739,180.60	0.00	100.0%
Recreation (Tax Budget)							
2016	7101641601	Ancaster Aquatic Centre Refurbishment	1,383,000.00	1,382,890.45	1,382,890.45	0.00	100.0%
2016	7101655501	Recreation Studies	32,830.00	32,845.02	32,845.02	0.00	100.0%
2017	7101754704	Huntington Park Rec Centre Reno	1,629,000.00	1,629,072.10	1,629,072.10	0.00	100.0%
2018	7101841701	Program - Community Halls Retrofits	10,000.00	10,000.00	10,000.00	0.00	100.0%
2018	7101854702	Program - Facility Capital Maintenance	200,000.00	200,000.00	200,000.00	0.00	100.0%
Waste (Tax Budget)							
2017	5121790100	CCF Rolling Stock Replacement	1,017,000.00	671,617.32	671,617.32	0.00	66.0%
2017	5121794002	Transfer Station Door Replace	200,000.00	197,414.79	197,414.79	0.00	98.7%
2018	5121893000	Maintenance & Capital Improvements to the Resource Recovery Centre	190,000.00	190,000.02	190,000.02	0.00	100.0%

CITY OF HAMILTON
CAPITAL PROJECTS' CLOSING SCHEDULE
AS OF SEPTEMBER 30, 2019

Appendix "B" to Report FCS19078(a)

Page 3 of 3

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	REVENUES (\$)	EXPENDITURES (\$)	PROJECT SURPLUS/ (DEFICIT) (\$)	% SPENT
			a	b	c	d = b - c	e=c/a
Roads (Tax Budget)							
2016	4031614405	Contaminated Soil & Rock Disposal 2016	538,000.00	538,100.00	538,100.00	0.00	100.0%
2016	4241609213	AR - James St Pedestrian Crossover (W2 A/R)	50,000.00	49,707.68	49,707.68	0.00	99.4%
2017	4241709505	AR - Road Work Mount Albion (W5 A/R)	800,000.00	702,557.71	702,557.71	0.00	87.8%
2017	4661720723	Wentworth Trail - Intersection Pedestrian Signal - IPS	210,000.00	154,893.47	154,893.47	0.00	73.8%
2017	4661720730	New Traffic Signal - Dundurn @ Chatham	375,000.00	152,475.00	152,475.00	0.00	40.7%
2018	4031811805	NBHD RD Priorities W5	703,000.00	703,000.00	703,000.00	0.00	100.0%
2018	4241809201	AR - New Signal - John @ Forest (W2 A/R)	200,000.00	151,591.51	151,591.51	0.00	75.8%
2018	4241809202	AR - New Signal- Main & Ferguson (W2 A/R)	200,000.00	200,000.00	200,000.00	0.00	100.0%
2018	4241809501	AR - Dumbarton - Rosedale (W5 A/R)	300,000.00	177,684.40	177,684.40	0.00	59.2%
2018	4241809502	AR - Bow Valley Dr. (W5 A/R)	670,000.00	339,951.72	339,951.72	0.00	50.7%
2018	4241809503	AR - Road Repair & Rehab (W5 A/R)	430,000.00	247,603.22	247,603.22	0.00	57.6%
2018	4241809605	AR - East 45th Pedestrian Signal (W6 A/R)	250,000.00	108,666.90	108,666.90	0.00	43.5%
Public Works (Rate Budget)							
Water (Rate Budget)							
2010	5141061303	Valve Chamber No 3 First-Isaac	2,790,000.00	2,586,860.89	2,586,860.89	0.00	92.7%
2015	5141557543	Workforce & Time Mgmt.-Kronos	430,000.00	424,137.87	424,137.87	0.00	98.6%
2016	5141666713	Annual Water Maintenance	600,000.00	496,858.78	496,858.78	0.00	82.8%
2017	5141770000	Coordinated Road and Subsurface Works - 2017	2,835,000.00	2,835,000.00	2,835,000.00	0.00	100.0%
2018	5141871074	Contingency for Unscheduled Works Program - 2018	24,000.00	24,000.00	24,000.00	0.00	100.0%
Wastewater (Rate Budget)							
2007	5160795760	Southcote PS&Forcemain-HC008	5,512,100.00	3,327,011.69	3,327,011.69	0.00	60.4%
2013	5161367374	Waterdown Outstation Upgrades	3,420,000.00	3,273,155.06	3,273,155.06	0.00	95.7%
2016	5161671074	Contingency for Unscheduled Works Program - 2016	410,000.00	409,999.99	409,999.99	0.00	100.0%
2018	5161860820	Open Cut Repairs for CIPP Program - 2018	550,000.00	550,000.00	550,000.00	0.00	100.0%
2018	5161871015	Sewer Lateral Replacement for Co-ordinated Projects - 2018	210,000.00	210,000.00	210,000.00	0.00	100.0%
Storm Water (Rate Budget)							
2017	5181761740	Unscheduled Manhole & Sewer main - 2017	100,000.00	100,000.00	100,000.00	0.00	100.0%
TOTAL COMPLETED PROJECTS (64)			52,088,174.06	50,050,626.12	50,050,626.12	0.00	96.1%
GRAND TOTAL COMPLETED/CANCELLED PROJECTS (77)			54,504,174.06	52,075,344.10	51,853,029.89	222,314.21	95.1%

CITY OF HAMILTON CAPITAL PROJECTS BUDGET APPROPRIATION SCHEDULE FOR THE PERIOD COVERING JULY 1, 2019 THROUGH SEPTEMBER 30, 2019						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
CORPORATE SERVICES						
<i>Councillor Infrastructure Program</i>						
4241809403	A M Cunningham Playground	4661916102	Traffic Calming	23,300.00	N/A- Within Limits	APPR 19-141
Corporate Services (1)				23,300.00		
HEALTHY & SAFE COMMUNITIES						
<i>Lodges Program</i>						
6301251201	WL-Nurse Call & Wall Protect	6301751700	Building Auto Sys Wentworth	92,000.00	N/A- Within Limits	APPR 19-102
Healthy & Safe Communities (1)				92,000.00		
PLANNING AND ECONOMIC DEVELOPMENT						
<i>Culture Program</i>						
7201541506	Gage House Exterior	7201941903	Gage House Porch Ext Clad	74,300.00	N/A- Within Limits	APPR 19-140
7201658602	Dundurn Stoplight Installation	7101741702	Auchmar Garden Wall-Can 150	2,400.00	N/A- Within Limits	APPR 19-128
7201958904	Steam Museum Landscape	7201841802	Steam Museum Tech Keefer Steps	30,000.00	N/A- Within Limits	APPR 19-144
				106,700.00		
<i>Urban Renewal</i>						
8201703706	Annual Com Downtowns & BIA	7101958900	Mount Hope Gateway	182,000.00	N/A- Within Limits	APPR 19-145
Planning & Economic Development (4)				288,700.00		
PUBLIC WORKS TAX FUNDED						
<i>Roads</i>						
4030957950	ROW AM Bus Optimize (RAMBO)	4031860999	Closed Projects - Roads	60,000.00	N/A- Within Limits	APPR 19-127
4031418438	Bridge 397 - Glancaster Road	4031818444	Bridge 444 - Guyatt Rd	44,000.00	N/A- Within Limits	APPR 19-146
4031418438	Bridge 397 - Glancaster Road	4031818366	Bridge 366 - Mud St W	60,000.00	N/A- Within Limits	APPR 19-147
4031418438	Bridge 397 - Glancaster Road	4031818407	Bridge 407 - Queenston Rd	60,000.00	N/A- Within Limits	APPR 19-148
4031418438	Bridge 397 - Glancaster Road	4031818150	Bridge 150 - Tapleystown Rd	60,000.00	N/A- Within Limits	APPR 19-149
4031519101	Road Reconstruction 2015	4031860999	Closed Projects - Roads	60,000.00	N/A- Within Limits	APPR 19-110
4031611015	Annual Resurfacing 2016	4031518533	Hwy 8 Culvert (Dundas Hill)	15,000.00	N/A- Within Limits	APPR 19-118
4031611015	Annual Resurfacing 2016	4031611016	Asset Preservation 2016	99,000.00	N/A- Within Limits	APPR 19-121
4031619101	Road Reconstruction 2016	4031560999	Closed Projects - Roads	50,000.00	N/A- Within Limits	APPR 19-108
4031619101	Road Reconstruction 2016	4031860999	Closed Projects - Roads	60,000.00	N/A- Within Limits	APPR 19-109
4031619101	Road Reconstruction 2016	4031611016	Asset Preservation 2016	79,000.00	N/A- Within Limits	APR 19-120
4031655643	Area Specific TM Plans	4031955944	EA-Hwy 56 - Rymal to Binbrook	57,000.00	N/A- Within Limits	APPR 19-143
4031755522	SoTI - Asset Management	4030957950	ROW AM Bus Optimize (RAMBO)	60,000.00	N/A- Within Limits	APPR 19-65
				764,000.00		
<i>Operations and Maintenance</i>						
4041951960	Road Operations Weigh Scales	4041941963	Brock & Rockton Yard Improve	60,000.00	N/A- Within Limits	APPR 19-133
4041951960	Road Operations Weigh Scales	4031941762	Facility Yard Maintenance 2019	40,000.00	N/A- Within Limits	APPR 19-134
				100,000.00		
<i>Facilities Operations</i>						
3541941532	Facility Capital Maintenance	7101754704	Huntington Park Rec Centre Reno	29,000.00	N/A- Within Limits	APPR 19-137
3541941532	Facility Capital Maintenance	7101641601	Ancaster Aquatic Centre Refurbishment	8,000.00	N/A- Within Limits	APPR 19-138
				37,000.00		

CITY OF HAMILTON						
CAPITAL PROJECTS BUDGET APPROPRIATION SCHEDULE						
FOR THE PERIOD COVERING JULY 1, 2019 THROUGH SEPTEMBER 30, 2019						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
<i><u>Traffic Program</u></i>						
4041416102	Annual Traffic Calm - Various	4031955622	Active Transport Benchmarking	20,000.00	N/A- Within Limits	APPR 19-130
4041511351	Roads - Alleyway Rehab	4041811351	Roads - Alleyway Rehab	39,000.00	N/A- Within Limits	APPR 19-115
				59,000.00		
<i><u>Open Space Development</u></i>						
4241809401	Crown Point East Parkette	4401756907	Century Street Park	20,000.00	N/A- Within Limits	APPR 19-150
4401056521	Trillium Seabreeze Park	4401456009	Mount Hope Park Redevelopment	60,000.00	N/A- Within Limits	APPR 19-107
4401056521	Trillium Seabreeze Park	4401856615	John St N Rebecca Master Plan	47,600.00	N/A- Within Limits	APPR 19-117
4401256201	Fairgrounds Community Park	4401456009	Mount Hope Park Redevelopment	140.00	N/A- Within Limits	APPR 18-150
4401256201	Fairgrounds Community Park	4401456009	Mount Hope Park Redevelopment	18,200.00	N/A- Within Limits	APPR 18-150
4401256520	Gage Park Redevelopment Walkway Light	4401756907	Century Street Park	15,000.00	N/A- Within Limits	APPR 19-151
4401256613	Ancaster Community Centre Ball Diamond	4401556510	Dundas Valley HS Soccer	20,000.00	N/A- Within Limits	APPR 19-116
4401556512	Glanbrook Hills Park	4401456009	Mount Hope Park Redevelopment	30,000.00	N/A- Within Limits	APPR 19-142
4401056002	The Gore Master Plan	4401356002	Beasley Park Rehabilitation	60,000.00	N/A- Within Limits	APPR 19-135
4401955600	Parks Testing and Reporting	4401456009	Mount Hope Park Redevelopment	30,000.00	N/A- Within Limits	APPR 19-106
				300,940.00		
<i><u>Recreation Facilities</u></i>						
7101554507	Chedoke Arena Roof	3541941412	Program - Roof Management	40,000.00	N/A- Within Limits	APPR 19-139
7101655501	Recreation Studies	7101654702	Facility Capital Maintenance	3,600.00	N/A- Within Limits	APPR 19-136
				43,600.00		
<i><u>Parks Operations</u></i>						
4401749107	Park Fencing Program	4241809304	Woodlands Park	1,800.00	N/A- Within Limits	APPR 19-123
4401749510	Spray pad Infrastructure Rehab	4401949510	Spray pad Infrastructure Rehab	56,300.00	N/A- Within Limits	APPR 19-124
4401952100	CSA Safety Material Replace	4241809602	Fay Park Redevelopment	1,100.00	N/A- Within Limits	APPR 19-122
				59,200.00		
<i><u>Forestry Program</u></i>						
4451751007	Rural Street & Park Tree Inventor	4451953444	Tree Planting Program	78,500.00	N/A- Within Limits	APPR 19-125
Public Works Tax Funded (35)				1,442,240.00		
PUBLIC WORKS RATE FUNDED						
<i><u>Waterworks Regular Program</u></i>						
5141455922	Water Loss Audit	5141960750	Unscheduled Valve-Hydrant Etc.	33,000.00	N/A- Within Limits	APPR 19-126
5141555501	Ferguson PS-Scenic Reservoir Inspect	5141960072	Annual Watermain Lining Program	60,000.00	N/A- Within Limits	APPR 19-114
5141569075	Environmental Lab Improvements	5141969075	Environmental Lab Improvements	20,000.00	N/A- Within Limits	APPR 19-129
5141662073	Annual Field Data Systems	5141962073	Annual Field Data Systems	40,000.00	N/A- Within Limits	APPR 19-132
				153,000.00		
<i><u>Wastewater Development Program</u></i>						
5161560591	Barton Trunk-Strathearne-Weir	5161871842	Locke St Sewer Rehab	54,000.00	N/A- Within Limits	APPR 19-111
5161567565	HC005 - Inline Storage	5161871842	Locke St Sewer Rehab	60,000.00	N/A- Within Limits	APPR 19-112
5161872840	Mohawk-Upper Ottawa to Upper Kenilworth	5161871842	Locke St Sewer Rehab	24,000.00	N/A- Within Limits	APPR 19-113
				138,000.00		

CITY OF HAMILTON						
CAPITAL PROJECTS BUDGET APPROPRIATION SCHEDULE						
FOR THE PERIOD COVERING JULY 1, 2019 THROUGH SEPTEMBER 30, 2019						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
<i>Storm Sewers Regular Program</i>						
5181560999	Closed Projects - Storm	5181672650	West Mountain Sewers - Juggernaut	60,000.00	N/A- Within Limits	APPR 19-104
5181560999	Closed Projects - Storm	5181860999	Closed Projects - Storm	60,000.00	N/A- Within Limits	APPR 19-105
5181572295	SERG - LEEDS Implementation	5181860999	Closed Projects - Storm	30,000.00	N/A- Within Limits	APPR 19-119
5181817549	Cross Rd Culvert Rehab-Repair	5181917549	Cross Rd Culvert Rehab-Repair	40,000.00	N/A- Within Limits	APPR 19-131
5181860722	Annual Municipal Drain Maintenance	5181460722	Annual Municipal Drain Maintenance	62,000.00	N/A- Within Limits	APPR 18-28
5181872293	Bayside Av Storm Sewer Replace	5181674640	Battlefield Creek Remediation	14,000.00	N/A- Within Limits	APPR 19-59
				266,000.00		
Public Works Rate Funded (13)				557,000.00		
BUDGET APPROPRIATION (54)				2,403,240.00		

CITY OF HAMILTON CAPITAL PROJECTS TO BE COUNCIL APPROVED / FUNDED ABOVE \$250,000 FOR THE PERIOD COVERING JULY 1, 2019 to SEPTEMBER 30, 2019					
Recommendations					
Appropriated From	Description	Appropriated To	Description	Amount (\$)	Comments
Public Works (Tax Budget)					
<i>Roads Division</i>					
4241809402	AR Barnaby Corbett	105054	Ward 4 Area Rating Reserve	500,000.00	To return unneeded funding due to favourable tenders
4241809501	AR Kentley Dr/ Crawford Dr/ Hart Pl.	108055	Ward 5 Area Rating Reserve	100,000.00	To return unneeded funding due to favourable tenders
4241809702	AR- Throner NHDB (North)	108057	Ward 7 Area Rating Reserve	200,000.00	To return unneeded funding due to favourable tenders
Public Works (Tax Budget) Total				800,000.00	
Project Totals				800,000.00	



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

TO:	Chair and Members Capital Projects Work-in-Progress Sub-Committee
COMMITTEE DATE:	January 27, 2020
SUBJECT/REPORT NO:	Capital Projects Status Report (Excluding Public Works) as of September 30, 2019 (FCS19079(a)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Tran Trang (905) 546-2424 Ext. 4371 Duncan Robertson (905) 546-2424 Ext. 4744
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

RECOMMENDATION(S)

That the Capital Projects Status Report (excluding Public Works), as of September 30, 2019, attached as Appendix "A" to Report FCS19079(a), be received.

EXECUTIVE SUMMARY

Report FCS19079(a) presents the status of capital projects for all departments, excluding Public Works, and is based on forecasted and committed expenditures to September 30, 2019.

Appendix "A" to Report FCS19079(a) reflects the status of each capital project as of September 30, 2019 by program within the following departments and boards: Corporate Services, City Manager's Office, CityHousing, Healthy and Safe Communities and Planning and Economic Development.

Table 1 represents the total Council approved capital budgets for specific program areas: budget, expenditures / commitments, available balance and percentage complete for each program area.

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

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

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

**SUBJECT: Capital Projects Status Report (Excluding Public Works) as of
September 30, 2019 (FCS19079(a)) (City Wide) – Page 2 of 5**

**Table 1
Expenditure Summary by Program Area
as of September 30, 2019**

	Approved Budget	Expenditures / Commitments	Available Balance	Percentage Complete (%)
Corporate Services	\$37,547,343	\$31,052,703	\$6,494,640	82.7%
City Manager's Office	\$5,544,700	\$2,802,530	\$2,742,170	50.5%
Outside Boards & Agencies	\$3,300,000	\$1,930,786	\$1,369,214	58.5%
Healthy and Safe Communities	\$131,699,819	\$99,829,950	\$31,869,869	75.8%
Planning and Economic Development	\$477,734,438	\$264,954,439	\$212,779,999	55.5%

Table 2 shows the trend over the last four years for project completion percentage by program area.

**Table 2
Percentage of Completion Comparison
as of September 30, 2019**

	2019	2018	2017	2016
Corporate Services	82.7%	40.4%	67.8%	77.2%
City Manager's Office	50.5%	61.0%	58.5%	79.0%
Outside Boards & Agencies	58.5%	87.9%	71.9%	36.0%
Healthy and Safe Communities	75.8%	62.6%	66.0%	58.9%
Planning and Economic Development	55.5%	54.9%	56.8%	52.6%

Alternatives for Consideration – Not Applicable

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SUBJECT: Capital Projects Status Report (Excluding Public Works) as of September 30, 2019 (FCS19079(a)) (City Wide) – Page 3 of 5

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: N/A

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

The Capital Projects Status and Capital Project Closing reports are submitted to City Council three times a year as of June 30, September 30 and December 31.

On July 10, 2015, Council approved changes to the City's Capital Projects' Monitoring Policy (Report FCS14031). Previously, staff reported on the status of the Capital Work-in-Progress projects to their respective Standing Committees. The amended Policy has staff submitting the status of the Capital Work-in-Progress projects to the Capital Projects Work-in-Progress Sub-Committee.

On December 14, 2011, Council approved Report FCS11073(a) which directed staff to review the Capital Projects Status and closing process and that a process where departments report to their respective Standing Committees on the status of the Capital Work-in-Progress projects be implemented. Reports were submitted to Standing Committees three times per reporting year, as of June 30, September 30 and December 31. Regular reporting will allow Standing Committees to review the status of a fewer number of projects, in greater detail, applicable to their area of oversight. Reporting to the Standing Committee began for the June 30, 2013 reporting period.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

Report FCS19079(a) meets the requirements of the Capital Projects' Monitoring Policy (Report FCS14031) including:

- That a Capital Projects Status report be submitted to Capital Projects Work-in-Progress Sub-Committee three times a year as of June 30, September 30 and December 31.

RELEVANT CONSULTATION

All relevant Capital Project managers, excluding Public Works, have been consulted on the status of their projects.

**SUBJECT: Capital Projects Status Report (Excluding Public Works) as of
September 30, 2019 (FCS19079(a)) (City Wide) – Page 4 of 5**

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

Council approved that capital projects are reviewed in accordance with the City's approved Capital Projects' Monitoring Policy (Report FCS14031). For each variance report, staff determines if projects can be closed and also monitors financial activity to ensure that Council is aware of any capital projects which deviate significantly from approved budgeted amounts.

The purpose of the Capital Projects Status Report is to provide a framework to ensure clarity, transparency and accountability over Capital Projects by placing staff accountable for mitigating cost overruns, ensuring that Capital Projects are completed in a timely matter and encouraging detailed, accurate and consistent reporting on the status and timely closure of Capital Projects.

The financial information in Report FCS19079(a) is based on expenditures and commitments to September 30, 2019.

ALTERNATIVES FOR CONSIDERATION

Not applicable.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement and Participation

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

Economic Prosperity and Growth

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

Healthy and Safe Communities

Hamilton is a safe and supportive City where people are active, healthy, and have a high quality of life.

Clean and Green

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

Built Environment and Infrastructure

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

**SUBJECT: Capital Projects Status Report (Excluding Public Works) as of
September 30, 2019 (FCS19079(a)) (City Wide) – Page 5 of 5**

Culture and Diversity

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

Our People and Performance

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

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” to Report FCS19079(a) – Capital Projects Status Report (Excluding Public Works) as of September 30, 2019

TT/dt

City of Hamilton Capital Projects Status Report - Excluding Public Works
As of September 30, 2019

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
CORPORATE SERVICES									
<i>Clerks Program</i>									
2017	3521757100	Information Management Training Modules	70,000	35,680	-	34,320	51.0%	L. Barroso	Work plan priorities re-aligned. Launch moved to Q1 2020.
2018	3521858100	Digitization Microfiche Rcrd	150,000	-	-	150,000	0.0%	L. Barroso	Implementation temporarily paused. Re-evaluating requirements.
Sub-Total Clerks Program			220,000	35,680	-	184,320	16.2%		
<i>Financial Program</i>									
2012	3381255201	D.C. Bylaws - Outstanding OMB Appeals	307,120	155,341	-	151,779	50.6%	L. Gillies	Available funds to be utilized in defending 2014 DC By-law Appeals. A legal Settlement is being drafted, staff is awaiting a response from the appellant.
2013	3381355301	2015-2018 Intensification studies	1,245,000	668,972	25,467	550,560	55.8%	L. Gillies	Project closure anticipated in Q1 2020. Funds will be appropriated to cover shortfall in 3381855301 Development Charges Bylaw as much of the work was completed alongside the 2019 DC Study.
2014	2051357320	Call Handling Implementation	2,753,000	2,727,936	31,790	(6,726)	100.2%	C. Mercanti	The process of consolidation of calls for Water, Transit, and Waste will continue throughout 2019 and early 2020. The project is estimated to realize minor savings in late 2019 thereby resulting in mitigating the small overage and ultimately coming in at budget.
2015	2051580510	DC Exemptions Recovery	25,542,138	22,806,228	-	2,735,910	89.3%	L. Gillies	Journal entry made annually in Q4. Budget allocation to repay development charge reserves to compensate for exemptions. Exemptions need to be repaid to ensure that development charge reserves continue to be sustainable. Sustainable development charge reserves are necessary to ensure growth continues to pay for growth.
2015	3381557502	Budget Operating System Upgrade	381,488	220,580	41,514	119,394	68.7%	T. Hewitson	Continued performance issues have delayed any further second stage development. Significant vendor engagement occurring through Q4.
2015	3381557506	Taxation billing software Upgrade	65,000	47,981	-	17,019	73.8%	M. Di Santo	System went live on Oct 10, 2018 for Taxation and Customer Service staff only. Access for remaining City staff is currently under review. Remaining funds in capital originally earmarked to be used in 2019 to install enhancements to the current tax billing software. This is now on hold. An RFI was issued in Q3 2019 to explore other available tax billing software that may provide for more functionality and improve efficiencies.
2018	3381855301	Development Charges Bylaw	905,000	723,284	107,928	73,788	91.8%	L. Gillies	The 2019 DC By-law was adopted by Council in June 2019. Added pressures due to increased consultations as well as assessment of Bill 108 will result in additional funds being required. Staff will use appropriation authority to offset the additional costs. Project closure anticipated Q1 2020
2018	3381857501	Capital Budget System	83,597	29,873	37,222	16,502	80.3%	S. DuVerney	Staff are working with the Vendor and creating a new platform which will be able to allow for capital system integration with financial system. Proof of concept will be presented in Q4 2019.
2019	2051957901	Customer Experience Feedback Program	286,000	-	-	286,000	0.0%	S. DuVerney	Comparing existing technology platforms with requirements. Target is to implement feedback on one channel by year end.
Sub-Total Financial Program			31,568,343	27,380,196	243,922	3,944,226	87.5%		

City of Hamilton Capital Projects Status Report - Excluding Public Works
As of September 30, 2019

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		

Information Services

2011	3501157101	Information Systems-Apps	265,000	239,976	-	25,024	90.6%	G. Binkosky	Spending was delayed because the project schedules were reviewed and adjusted. Funds will be spent before end of Q4.
2013	3501357302	Common Address Database	1,555,000	1,020,478	209,976	324,546	79.1%	G. Binkosky	Phase 3 work has been scoped, requirements have been defined. Development work to begin upon receiving final estimate from vendor. Anticipated completion date end of Q1 2020.
2013	3501357303	GIS Upgrades	340,000	316,348	-	23,652	93.0%	G. Binkosky	There were delays in signing of metadata contract. Contract has now been signed. Work will begin Oct 2019, continue through Feb 2020. Funds to be committed Oct 2019.
2016	3501657602	IT Security	504,000	324,641	-	179,359	64.4%	D. Hoyle	Penetration testing put on hold because of contractual issues. Network segmentation scope of work being developed for a January start date.
2017	3501757702	Network Infrastructure Sustainability and Continuous Improvement	564,000	590,428	-	(26,428)	104.7%	C. Poper	Equipment has been received; portion of inventory will be charged-back to user departments . Project to be closed once reconciled.
2017	3501757705	Geographic Metadata Catalogue	50,000	-	-	50,000	0.0%	G. Binkosky	There were delays in signing of the contract. The contract has now been signed. Work will begin Oct 2019, continue through Feb 2020. Funds to be committed Oct 2019.
2018	3501857801	IT Strategy and Enterprise	785,000	301,961	216,983	266,056	66.1%	G. Binkosky	The rollout of Enterprise Architecture continues and will continue throughout 2019. IT Centralization is progressing - a total of 23 FTEs will be realigned to IT by end of Oct 2019. Work will continue through Q2 2020. Phase 2 of Enterprise Data Management has initiated - an RFP has been developed to procure professional services to assist with the development of an Enterprise Data Management strategy.
2018	3501857806	Data Centre HVAC	200,000	-	16,500	183,500	8.3%	C. Poper	Vendor assisting to prepare RFP; design services for the installation of new cooling system for 6th floor IT room, central library implementation in 2020. Funds will be carried over to allow RFP, assessment, and implementation.
2019	3501957903	Strategic Theme Mobility	50,000	-	-	50,000	0.0%	C. Poper	Work continues to be done on creating the mobility plan program; leveraging existing processes to determine gaps. Funds to be extended into 2020.
2019	3501957905	Strategic Enabling Our People	600,000	3,053	14,800	582,147	3.0%	P. D'Aurelio	Corporate Communications with IT support is leading the City Website and Corporate Intranet initiatives. Scoping will continue throughout 2019 with funds being consumed in 2020. Initial meetings for the GIS 3-year Plan will be initiated in 4th Qtr 2019. Assessments to support Cloud Foundation are progressing - the vendor engagement for the Active Directory migration is wrapping up; a scope will be developed for the privacy impact assessment; the assessment for the Network analysis tool will continue into 2020.
2019	3501957906	Strategic Theme IT Optimization	100,000	14,282	10,171	75,547	24.5%	P. D'Aurelio	Work will continue throughout 2019 and 2020. Vendor work to improve self service functions in the HEAT tool is progressing.
2019	3501957907	Business Systems & Services Continuity	100,000	37,803	49,861	12,336	87.7%	C. Poper	Final report provided by CIMA with recommendations for sustainability and funding; reconciling invoices with vendor;
2019	3501957909	Strategic Theme Integrated and Connected	50,000	25,644	-	24,356	51.3%	P. D'Aurelio	Work will continue throughout 2019 and 2020.The vendor is completing the Enterprise Architecture Integration Foundation rollout and training.
2019	3501957910	Email Platform Migration	596,000	-	-	596,000	0.0%	C. Poper	Direction from original scope had to be modified to accommodate our cloud foundational strategy; work is being done to develop a cloud foundation/strategy; cloud infrastructure to prepare us for Exchange in the cloud; work will be scoped Q4, 2019; migration of network users, domain and O365 then migration of Exchange in the cloud.

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			a	b	c	d	e		
Sub-Total Information Services			5,759,000	2,874,614	518,291	2,366,094	58.9%		
TOTAL CORPORATE SERVICES			37,547,343	30,290,489	762,214	6,494,640	82.7%		

CITY MANAGER

City Managers Program

2012	2051257201	Website Redevelopment	2,464,150	1,675,036	90,152	698,962	71.6%	J. Hertel / B. Large	These funds to be used to investigate future platform updates/enhancements through 2021. Staff currently creating hamilton.ca roadmap and future state plan.
2017	3381757504	Performance Excellence Program	141,050	59,655	-	81,395	42.3%	J. Hertel / L. Zinkewich	Due to other priorities the creation of the Continuous Improvement on-line training has been delayed however funds still required to complete. Completion date has been shifted to Q1 2020.
2017	3381757505	Digital Strategy and the Service Experience	280,000	261,977	-	18,023	93.6%	B. Large	Funds to be used to investigate future platform updates/enhancements through 2021.
2017	3381757506	Citizen Engagement & Marketing	70,000	12,531	-	57,469	17.9%	J. Hertel / B. Minard	Funds will be 100% utilized by end of December 2019 for the 2019 edition of the Our City Survey. The survey is currently live and available to the public.
2018	3381858502	Enhancing City of Hamilton App for citizen services	40,000	5,222	15,000	19,778	50.6%	J. Hertel / B. Large	Report a problem in progress - development and testing phases underway in coordination with Public Works. Expected to launch in a pilot in Q4 2019 which will be available on the app. The program remains available to engage on the additional apps being pursued by the city.
2018	3381858503	Digital/Open Data Infrastructure	250,000	21,222	-	228,778	8.5%	J. Hertel / B. Large	Developed Open Data foundational plan, benchmarking future state to current state. Additional Temporary FTE maybe required to support the OD program and outstanding activities outlined in plan for 2020.
2019	3381959501	Digital Office Smart City	1,000,000	50,649	-	949,351	5.1%	J. Hertel / B. Large	City Manager has approved holding \$320k of these funds towards a platform for online service delivery. Requirements on hold until new Chief Digital Officer in place to align with priorities and Digital Transformation plans.
2019	3381959502	City Hall Digital Sign	125,000	23,656	-	101,344	18.9%	J. Hertel / A. Zimmerman	Staff were trained on the software in June 2019 and the vendor installed the new digital sign outside of City Hall on July 24, 2019. Project to be closed once final invoices are processed.
Sub-Total City Manager Program			4,370,200	2,109,948	105,152	2,155,100	50.7%		

Human Resources

2016	2051659601	Employee Survey-2016	234,500	119,991	21,145	93,364	60.2%	N. Cocca	Action Planning, Reporting and Communication continuing
2017	2051759701	HR Self Service Enhancements	250,000	235,066	33,500	(18,566)	107.4%	N. Cocca	Remaining Phase 1 functionality still in testing. Proceeding with prioritization of Phase 2 development
2017	2051759702	Phase 1 Profile Management	190,000	81,217	96,510	12,273	93.5%	N. Cocca	Transfer of existing training information completed, Training module went live successfully on September 30. Project to remain open to ensure implementation goes smoothly and the work plan does not require any potential adjustments.
2018	2051857111	Corporate KRONOS	250,000	-	-	250,000	0.0%	N. Cocca	On hold
2019	2051959703	Learning Management System	250,000	-	-	250,000	0.0%	N. Cocca	RFP to be reissued in November 2019. Contract to be awarded in Q2 2020, with development of content commencing Q2 and anticipated launch in Q3 2020

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			a	b	c	d	e		
Sub-Total Human Resources Program			1,174,500	436,275	151,155	587,070	50.0%		

TOTAL CITY MANAGER			5,544,700	2,546,223	256,307	2,742,170	50.5%		
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OUTSIDE BOARDS & AGENCIES

CityHousing -Asset Management

2016	6181641602	City Housing Contribution	1,000,000	1,105,528	-	(105,528)	110.6%	B. Lilley / R. Desouza	Renovation of 2C-360 King: Phase 1 complete - June 2018. Phase 2 will be completed in 2019. Project on target, no budget variations required to date, no delays expected in project CB1601. Elevator Modernization - 30 Congress: work completed CB1602. Replacement Risers 191 Main/200 Jackson: work complete, final invoices being processed. Project on target, no budget variations required till now, no delays expected in project CB1603. Project substantially completed.
2016	6181641602	City Housing Contribution	500,000	500,000	-	-	100.0%	R. Desouza	801 Upper Gage Project #6180941901 repayment from 2009 and 2012. All funding allocated - project to be closed in Q4.
2016	6181641603	Repairs-W7 City Housing Units	800,000	325,258	-	474,742	40.7%	B. Lilley	Renovations /Repairs to Ward 7 City Housing Units and Front entrance of 395 Mohawk. Last Phase of Project waiting for site plan approval. Sourcing different options, delays expected in project CAR 1601.
2018	6181841602	City Housing Contribution	500,000	-	-	500,000	0.0%	R. Desouza / S. Botham	Block funding to be allocated to Bay/Cannon development.
2019	6181941602	Unit Retrofits/Bay/Cannon Development	500,000	-	-	500,000	0.0%	S. Botham	Block Funding allocated to emergency capital work - if we come under budget would use fund towards new development

TOTAL OUTSIDE BOARDS & AGENCIES			3,300,000	1,930,786	-	1,369,214	58.5%		
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HEALTHY AND SAFE COMMUNITIES

Children's Services and Neighbourhood Development

2012	2051255204	Neighbourhood Strategy	2,235,000	2,688,068	57,850	(510,918)	122.9%	A. Fletcher	Since 2012, an additional \$850k in donations/grants have been received in excess of the initial budget. Focus through end of 2019 will be completion of Rolston Path, small grants for residents and developing youth job-skill training opportunities leading to employment opportunities.
2016	4241609111	Kirkendall Neighbourhood Plan	125,000	47,158	60,384	17,458	86.0%	A. Fletcher	Consultant hired to undertake community engagement with contract until June 2020. Working with councillor on specific theme areas raised by residents through engagement. Report back to Council in June 2020.
2016	6731641601	Bed Bug Strategy	1,094,110	749,252	140,089	204,769	81.3%	T. Quinn	Program will be completed by end of December 2019. Surplus funds will result and outstanding funds will be returned to capital account source. Program results have been very positive. Responsible landlords now aware of benefits (and duty) to provide reasonable accommodation to disabled residents, and have access to best practices in bed bug treatments. Program scheduled to wind down at year-end with surplus funds remaining.

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2018	6731841800	Red Hill Family Centre Reno	841,834	26,437	293,885	521,512	38.1%	L. Duxbury	Warranty period set to expire in December 2019 - maintenance security to be released/paid to GC in late December 2019. The PO will be closed after the "security maintenance" monies are released after Q4 2019.
2018	6731841822	Riverdale HUB	2,040,000	(95,012)	175,410	1,959,602	3.9%	L. Keermaa	Design documents approximately 50% complete. Conditional site plan approval received. Anticipated construction tender Q4 2019. Anticipated construction completion Q4 2020.
2019	6501941100	Human Services Integration	160,000	-	-	160,000	0.0%	G. Mater	Discussions on the implementation of integration Department wide continue in order to refine the processes to be implemented that would utilize this funding. Implementation may continue into Q2 2020.
Sub-Total CES Various			6,495,944	3,415,903	727,619	2,352,422	63.8%		

Long Term Care Homes

2013	6301341301	ML-Replace and Refurb	4,596,100	4,517,757	50,313	28,030	99.4%	L. Keermaa	Final settlement reached. Awaiting final documents from Legal Services in order to close project. On track for Q4 2019 project closure.
2016	6301641501	Wentworth Lodge-Tub room Renos	838,210	704,314	23,954	109,942	86.9%	C. Hall	Project is 98% complete with one outstanding deficiency - contractor will be returning to fix. Final invoices still to be received and paid. Account to remain open for one year warranty period from substantial completion. Actual expenditures as of October 2019 are \$733,052. Estimate project closure Q2 2020 with approximately \$100K surplus.
2017	6301741702	Ext Walls Repair Wentworth	580,000	98,966	314,236	166,799	71.2%	L. Keermaa	Additional scope added to contract to replace sloped roof for Rose/Oak. Estimated completion of Phase 1/modified Phase 2 work anticipated is Q3 2019. Anticipated project closure after warranty period in 2020.
2017	6301751700	Bld Auto Sys Wentworth	312,000	41,186	21,230	249,584	20.0%	F. Jillani	In the process of getting specs and tender revised in order to tender again. Expected time frame of tendering process completion is November 2019 and potential project implementation by end of Q2 of 2020. Project scope combined with Project 6301751708 (HVAC Upgrade Wentworth).
2017	6301751707	Freezer Wentworth	55,000	10,207	4,970	39,823	27.6%	G. Enright	Staff working with procurement for alternate solution as there were no submitted quotes within the outlined budget parameters.
2017	6301751708	HVAC Upgrade Wentworth	105,000	-	-	105,000	0.0%	F. Jillani	In the process of getting specs and tender revised in order to tender again. Expected time frame of tendering process completion is November 2019 and potential project implementation by end of Q2 of 2020. Project scope combined with Project 6301751700 (Bld Auto Sys Wentworth).
2018	6301841001	ML Roof Replacement	823,000	-	-	823,000	0.0%	L. Keermaa	Roster Consultant MMMC Architects advised they cannot complete design work due to limited resources. A new roof consultant - Thermaco Engineering was retained through the Consulting Roster to complete further investigations and analysis to build an accurate scope for design and procurement.
2018	6301841801	WL - Wing Roof Replacement	402,000	9,184	-	392,816	2.3%	L. Keermaa	Sloped roof for Rose Oak added to Brook Restoration contract (Recladding). Remainder of flat roof replacement combined with ML Roof Replacement project for economy of scale. Anticipated construction completion in 2020.
2018	6301841802	ML - D Wing- Refurbishment	60,000	-	-	60,000	0.0%	M. Hall	MMMC pushed back study to be completed in Q1 2020.
2018	6301851001	ML Replacement of 3 Chillers	666,000	525,267	-	140,733	78.9%	F. Jillani	This project was 100% completed back in summer of 2018. Energy incentives payment to the City of \$22,720 was recently received from the IESO and they were directed back to this project ID. This project is expected to close in Q4 2019 once final reconciliation complete.
2018	6301851003	WL - Bed Replacement	243,200	-	-	243,200	0.0%	K. Allcroft	Staff working with vendor to secure quotes and plan delivery of up to 102 beds by end of Q4. Council Report # HSC19028

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2019	6301941001	WL - Main Entrance Redesign	50,000	-	-	50,000	0.0%	G. Enright	Feasibility Study Fall 2019. Further details and timelines will be available once the feasibility study is completed.
2019	6301941002	WL - Exhaust & Supply	25,000	-	-	25,000	0.0%	G. Enright	Feasibility Study Fall 2019. Further details and timelines will be available once the feasibility study is completed.
2019	6301941003	WL - Radiant Heating Thermostat	25,000	-	-	25,000	0.0%	G. Enright	Feasibility Study Fall 2019. Further details and timelines will be available once the feasibility study is completed.
2019	6301941006	WL - Servery Retrofit	30,000	-	-	30,000	0.0%	G. Enright	Feasibility Study Fall 2019. Further details and timelines will be available once the feasibility study is completed.
2019	6301951002	ML & WL Resident Care Equip	80,000	-	-	80,000	0.0%	H. Odordi	Pro Act Assessment recently received. Equipment to be ordered in Q4 and anticipate receiving equipment by end of Q4.
2019	6301951005	ML - HVAC Replacement	80,000	72,681	-	7,319	90.9%	M. Hall	All invoices paid. This project will be closed in Q4 2019 once final reconciliation complete.
Sub-Total Lodges Program			8,970,510	5,979,561	414,702	2,576,247	71.3%		

Housing Services

2015	6731541502	IAH - Housing Allowance	5,400,000	5,145,907	-	254,093	95.3%	A. DiFalco	Remaining funding will be applied to Municipal Housing Allowance for 2019 and will be fully expended.
2015	6731541504	IAH Extension - Admin	1,522,875	1,435,399	-	87,476	94.3%	K. Maxwell	Funds will be fully allocated and spent by December 2020. Adjustments in 2019 to be completed in Q4 will increase available funds.
2015	6731541505	IAH Extension - Rental Housing	13,500,000	10,225,000	3,275,000	-	100.0%	K. Maxwell	First Indwell project complete. Good Shepherd project complete with the exception of some minor items. YWCA project underway with projected completion Nov. 2020. Remaining PO commitments relates to Good Shepherd \$575K and YWCA \$2.75M. Total forecasted project spend \$8.125M Indwell, \$2.625M Good Shepherd, \$2.750M YWCA.
2015	6731541506	IAH Extension - Ont Renovates	7,634,625	4,117,432	-	3,517,193	53.9%	K. Maxwell	Will be fully allocated by the end of 2019 as required. Projects will take additional time to be completed and the funding expended.
2015	6731541507	IAH Extension - Rent Supplement	6,600,000	2,440,100	292,750	3,867,150	41.4%	K. Maxwell	Federal/Provincial 5 Year Housing Allowances will end 2024. These are allocated to Housing First Participants. The first year allowances will end 2020. Spending for 2019 is on track.
2016	6731641302	Social Housing Capital Repairs	1,500,000	1,445,336	39,421	15,243	99.0%	A. DiFalco	A few final payments are remaining to be paid due to project delays, once projects funds have been fully expended, project ID and purchase orders will be closed, expected Q1 2020.
2016	6731641602	SIF-IAH Administration	752,610	593,700	-	158,910	78.9%	K. Maxwell	Provincial guidelines permit 5% of Hamilton's program allocation to cover program administration costs. Funds will be fully allocated and spent by December 2020.
2016	6731641603	SIF-IAH New Rental Housing	13,558,030	7,547,015	6,011,015	-	100.0%	K. Maxwell	Projected project completion dates: Sacajawea end 2019; Indwell - James St. N. - April 2020; Indwell - Parkdale Landing November 2020. Total forecasted project spend \$10.098M Indwell, \$2.5M YWCA, \$0.96M Sacajawea.
2016	6731641604	SIF-IAH Housing Allowances	741,560	369,250	-	372,310	49.8%	A. DiFalco	Housing allowance for families experiencing homelessness. Program is delivered through the Good Shepherd Family Centre. Funding is on track to be expended by 2024. Spending for 2019 is on track.
2016	6731641605	SIF-SHIP	11,017,530	11,007,390	2,821	7,319	99.9%	A. DiFalco	Project payments are being reconciled, expectation of purchase orders and project ID to be closed Q1 2020.
2016	6731641607	SIF-SHIP Administration	279,870	219,241	-	60,629	78.3%	A. DiFalco	Provincial guidelines permit 5% of funding to cover program admin. Funds will be fully expended by December 2020.

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2017	6731741302	Social Housing Capital Repairs	513,200	410,008	93,565	9,628	98.1%	A. DiFalco	Projects are ongoing, expectations are Q1 2020 projects to be fully expended. Scheduling conflicts and delays have lead to a few projects completions.
2017	6731741609	PRI-Afford Rntl Hsg Constructn	8,620,000	1,536,551	1,205,985	5,877,464	31.8%	K. Maxwell	YWCA and Indwell projects on track for completion 2020.
2018	6731841101	Co-ordinated Access System	1,470,000	130,693	55,329	1,283,978	12.7%	A. DiFalco	RFT closed October 5. Construction is anticipated to start late 2019 or early 2020. CES 14502 approved allowing use of admin funds toward project.
2018	6731841610	PRI-Indigenous Poverty Reductn	2,000,000	1,750,000	-	250,000	87.5%	A DiFalco	Project on track to fully expend annual \$1M by Q4 2019.
2018	6731841611	PRI-Soc Hsg Repair & Rnovatn	4,000,000	2,089,444	635,802	1,274,754	68.1%	A. DiFalco	Year 2 projects have been committed and purchase orders have been issued. Projects are ongoing and payments are being made to providers.
2018	6731841703	SHAIP- Soc Hsg Apart Impr Prog	13,415,270	3,806,535	9,608,737	(2)	100.0%	A. DiFalco	Projects are on target to be fully expended within Provincial Guidelines.
2018	6731841704	SHAIP-Administration	606,070	157,023	-	449,047	25.9%	A. DiFalco	On target to be fully expended as per Provincial Guidelines.
2018	6731841801	Tenant Defence Fund	50,000	-	-	50,000	0.0%	K. Maxwell	Tenant Defense Fund established as per Council report HSC19011. Two inquiries, but no program take-up to date.
2019	6731941302	Housing Capital Repair & Regen	500,000	-	-	500,000	0.0%	B. Kreps	Projects have been awarded, agreements executed, and purchased orders are being released. Anticipated to be fully expended by 2020.
2019	6731941901	Hamilton Portable Hsg Benefit	2,000,000	-	-	2,000,000	0.0%	B. Kreps	As per Hamilton Housing Benefits (HSC19002) the funding will be used for 5 year housing allowances to a maximum of \$2 million. Spending to begin Q4 2019.
Sub-Total Housing Program			95,681,640	54,426,024	21,220,424	20,035,191	79.1%		

Fire Services Program

2018	7401841801	Waterdown Station	1,500,000	-	-	1,500,000	0.0%	S. De Jager	Land site identified through Real Estate/PED. Anticipated construction project through to 2021.
2018	7401851101	Automatic Vehicle Loc Devices	360,000	153,289	297	206,414	42.7%	D. Milovanovic	Required CAD updates and implementation of enhanced functionality within stations in process. Anticipated completion Q1 2020.
2018	7401851601	Annual Vehicle Replacement	5,025,000	4,657,351	54,862	312,787	93.8%	S. De Jager	Project substantially completed. Awaiting final invoices for payment with project closure Q4 2019. Remaining budget to be allocated to 7401951601 Annual Vehicle Replacement.
2019	7401941603	MATC - Facility Upgrades	250,000	-	-	250,000	0.0%	S. De Jager	Facility upgrades to commence through Public Works. Anticipated completion Q2 2020.
2019	7401941606	Station 13 Renovation	100,000	-	98,240	1,760	98.2%	S. De Jager	Tender for work issued by Public Works and awarded Q3. Renovation to begin Q4 2019. Anticipated completion Q2 2020.
2019	7401951600	Annual Equipment Replacement	1,268,000	480,921	436,122	350,957	72.3%	S. De Jager	Equipment purchases in process with delivery throughout 2019. Anticipated completion Q2 2020.
2019	7401951601	Annual Vehicle Replacement	5,405,000	-	2,258,328	3,146,672	41.8%	S. De Jager	Project ongoing with tender award Q4 2019 for four vehicles. Anticipated completion Q4 2020.
2019	7401951602	Ice Water Rescue	200,000	41,284	-	158,716	20.6%	J. Verbeek	RFT in progress with anticipated completion Q4 2019. Training dependent on weather (ice required) may delay project completion to Q1 2020.
Sub-Total Fire Services Program			14,108,000	5,332,845	2,847,848	5,927,307	58.0%		

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<i>Paramedic Services Program</i>									
2019	7641951100	Paramedic Service Vehicle	1,269,000	729,967	227,994	311,039	75.5%	B. Roth	Project on schedule, delivery expected to be complete by Q4 2019 with potential delay to Q1 2020 for hybrid-electric drive ambulances.
2019	7641951101	Paramedic Service Equipment	265,000	132,381	257,134	(124,515)	147.0%	B. Roth	Project on schedule, delivery complete by Q4 2019. Project will not be overspent - PO Commitments to be fixed prior to closing project.
2019	7641951102	Paramedic Helmet Replacement	172,000	110,803	-	61,197	64.4%	B. Roth	Helmets purchased and received. Surplus Council approved for Intraosseous Needle Replacement (HSC19025) expenditure of \$100K from this project for EZ-IO device and accessories. Project on schedule with final deliveries complete by Q4 2019.
2019	7641951103	Ambulance Enhancement	260,000	49,083	165,559	45,358	82.6%	B. Roth	Project on schedule, delivery complete by Q4 2019.
2019	7641951104	NICU Ambulance	272,345	57,727	197,323	17,295	93.6%	B. Roth	Project on schedule, delivery complete by Q4 2019.
Total Sub-Paramedic Services Program			2,238,345	1,079,960	848,010	310,375	86.1%		
<i>Recreation Program</i>									
2015	7101557502	CLASS Software Upgrades	260,380	220,440	24,144	15,796	93.9%	D. Walton	Delay in development will require additional vendor development and on-site training into 2020 using PO Commitment funds. Quotes peripherals using remaining funds in progress to be disbursed Q4 of 2019.
Total Sub-Recreation Program			260,380	220,440	24,144	15,796	93.9%		
<i>Public Health Services Program</i>									
2012	6771241201	Accommodations - Health Campus	3,945,000	3,292,469	-	652,531	83.5%	M. Baird	Decision to hold further project spend until final outcomes of Public Health restructuring. Decision expected by end of 2020.
Total Sub-Public Health Services Program			3,945,000	3,292,469	-	652,531	83.5%		
TOTAL HEALTHY AND SAFE COMMUNITIES			131,699,819	73,747,202	26,082,748	31,869,869	75.8%		
<i>PLANNING & ECONOMIC DEVELOPMENT</i>									
<i>General Manager's Office</i>									
2009	3621054100	West Harbor Initiatives	10,904,300	11,012,481	-	(108,181)	101.0%	C. Phillips	Staff to report back in Q4-2019 as per direction contained in Report PED19063 entitled "Disposition of Real Estate in the Barton-Tiffany Area". The deficit for this account/project will be reconciled with the proceeds of future sale of the Barton-Tiffany lands.
2015	8201555100	Open for Business - City Approval Processes	234,000	127,558	5,000	101,442	56.6%	R. Lalli	75% of funds are currently being used to pay for the Open For Business Leadership program. The remaining funds will be used to develop Open for Business initiatives in discussion with the Open for Business Sub Committee.
Sub-Total General Manager's Office			11,138,300	11,140,039	5,000	(6,739)	100.1%		

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<i>Economic Development</i>									
2015	3621555700	2015-2019 Econ Dev Strategy	75,000	69,406	-	5,594	92.5%	G. Norton	The Marketing Strategy was developed in house with input from staff and working groups. A purchase order was issued for the restructuring of the website. The new website was launched in Q2-2019. The remaining funding will be spent on the website, as well as branding throughout 2019.
2016	8201603100	Barton Kenilworth Corridor Study	287,000	199,267	-	87,733	69.4%	J. Lam	This project is for the implementation of components of the Barton Kenilworth Study (received by Council September 10, 2014). The remaining funds are for initiatives under the Barton Kenilworth Corridor study and applications received under the Barton/Kenilworth Commercial Corridor Building Improvement Grant program. Applicants for the Barton/Kenilworth Commercial Corridor Building Improvement Grant program financial incentive will have one year from the date of the general manager's approval to complete the work. Applicants may request a one-year extension. 36 applications have been received.
2016	8201603510	2016 Commercial Prop Improve Grant	554,000	406,741	-	147,259	73.4%	J. Lam	This is an ongoing program that provides property owners and authorized tenants matching funds to upgrade the facades of commercial buildings. A total of 74 applications were received. Applicants have two years to complete the work following approval. Remaining funds are fully utilized based on current applications.
2016	8201603610	2016 Com Prop Improve Grant BIA	1,305,600	842,080	-	463,520	64.5%	J. Lam	The Business Improvement Area Commercial Improvement Grant program offers a matching grant for façade improvements. One hundred and seventy six (176) applications were received. Applicants have two years to complete the work following approval. Remaining funds are fully utilized based on current applications.
2016	8201641800	Annual Heritage Prop Improve Grants	1,594,700	820,821	-	773,879	51.5%	J. Lam	This program offers grants towards the preservation of heritage features and structural/stability work required on designated properties. The results of the five-year review of the financial incentives resulted in extending this program to all of the commercial corridors identified in the Community Improvement Project Area. Increasing interest in the program has depleted available funds. On July 13, 2018 Council approved the use of funds from various reserves/capital projects to enable the processing of applications received thus far as well as additional applications anticipated. The funds will be transferred as required. Two applications have been received thus far in 2019.
2016	8201655802	2016 Comprehensive Way Finding	407,000	100,689	54,032	252,279	38.0%	J. Lam	Phase 1 - Assessing design of the poles for the municipal parking lot signs and pedestrian directional signs. Plans for phase 2 vehicular signage will need to be revised due to Burlington Street construction. Phase 2 - BIA and West Harbor Kiosks. Seventeen of the eighteen BIA kiosks installed. Spend It Here posters and maps for Kiosks have been installed. Remaining funding for parking lot signs, consulting fees, kiosk posters and installation of signs and kiosks.
2017	3621708002	Annual Brownfield Development	960,000	373,630	4,018	582,352	39.3%	J. Lam	Funds are for ERASE applications that will be paid out upon completion of their ESA studies. 212 applications have been received to date, 139 applications paid out. Increased program demand is anticipated, which will require additional funding.

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2017	3621708900	Annual Ec Development Initiatives	1,833,000	557,909	96,359	1,178,732	35.7%	G. Norton	This project will be used for implementation of initiatives under the Action Plan - approved December 2016. Remaining funds will be used for a broadband internet gap study, Creative Industries Review, ICT & Digital Media Asset Map, the Hamilton Heritage Property Grant Program (if required); the Fire Sector Profile, ICT and Digital Media Industry Study, and several other studies and initiatives as identified in the Action Plan.
2017	3621749100	Red Hill Bus Park Signage	187,000	147,338	5,949	33,713	82.0%	J. Lam	Red Hill Business Park Signage project consisted of construction of trail extension, grading, retaining walls and landscaping (Dartnall Rd.), which has been completed in addition to construction and installation of a sign. Additional landscaping around the signage to be completed Q3/Q4-2019.
2017	3621755102	Brownfield Pilot Project	973,600	164,637	4,830	804,133	17.4%	J. Lam	Funds from the ERASE Municipal Acquisition and Partnership program are used to fund pilot projects and innovative remediation technologies projects. The commitments include the partial remediation of a park lot of the Freeman Industrial/Business Park (\$150K) and approximately \$200K for another property. The remainder of the funds are for the financing of the ERASE Study Grant program and other brownfield initiatives.
2017	8201703100	Office Tenancy Asst Program	107,000	4,825	-	102,175	4.5%	J. Lam	The project funds are for interest costs associated with the Office Tenancy Assistance Program loans. There have been 12 loans approved under this program (including two forgivable loans). 4 loans are in the process of being repaid. 2 loans have been approved but not yet advanced. There are 2 applications undergoing due diligence.
2017	8201703201	Education Campuses Downtown	488,500	38,505	-	449,995	7.9%	J. Lam	The funding is fully committed. August 10, 2015 Council approved a forgivable loan in the amount of \$38,505 for McMaster University for their office space at 245 James St. North. The parameters to forgive the loan have been met. July 8, 2016 Council approved a forgivable loan in the amount of \$450K to Hamilton Health Sciences (HHS) for new office space on King St. W. contingent on HHS occupying the space until at least October 31, 2021. At that point if all parameters have been met the loan will be forgiven. The loan has been advanced to HHS.
2017	8201703602	Olde Stoney Creek Urban Design Plan	3,346,075	2,911,381	18,216	416,478	87.6%	J. Lam	Discussions with BIA in Q4-2019 to determine feasibility of the gateway work.
2017	8201703620	Gore Building Improvement Grant	506,250	58,080	-	448,170	11.5%	J. Lam	The funding is fully committed. On July 9, 2019 Council approved an extension on five outstanding commitments conditional on submission of their building permit by January 31, 2020 and additional documentation by July 31, 2020. The applicants will have two years in which to complete the work. Funding is expected to be expended by Q3-2022.
2017	8201703700	Barton Kenilworth Grant Building	1,550,000	207,653	-	1,342,347	13.4%	J. Lam	The Barton/Kenilworth Commercial Corridor Building Grant program offers matching grants for commercial, multi-residential and institutional uses. The program supports the Barton and Kenilworth Commercial Corridors final recommendations report received by city Council at its meeting held September 10, 2014. 36 applications have been received to date.
2017	8201703701	Barton & Kenilworth Rebate	380,000	46,561	-	333,439	12.3%	J. Lam	The Barton and Kenilworth Planning and Building Fees Rebate program offers a rebate for certain planning and building applications issued. Rebates are paid following completion of work. 8 applications have been received thus far. 3 applications have been paid out. Part of the commitment reflects the approval by Council on July 13, 2018 for the use of \$100K from this capital project to enable the processing of some Heritage Property Grant applications, if required.

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2017	8201703703	Annual Com Prop Improve Grant BIA	1,282,000	595,249	-	686,751	46.4%	J. Lam	The Business Improvement Area Commercial Improvement Grant program offers a matching grant for façade improvements, limited internal improvements as well as assisting in creating a barrier-free and accessible environment. Applicants have two years to complete the work. 19 applications have been received thus far in 2019.
2017	8201703704	Annual Com Prop Improve Grant	732,000	1,045	-	730,955	0.1%	J. Lam	The Commercial Property Improvement Grant program offers a matching grant for façade improvements, limited internal improvements as well as assisting in creating a barrier-free and accessible environment. The program is offered within Downtown Hamilton, Community Downtowns, the Mount Hope/Airport Gateway and the Commercial Corridors as identified in the Downtown and Community Renewal Community Improvement Plan. Applicants have two years to complete the work. 28 applications were received in 2017. 52 applications were received in 2018. 14 applications have been received thus far in 2019.
2017	8201703706	Annual Com Downtowns & BIA	1,573,400	451,368	292,849	829,182	47.3%	J. Lam	Discussions with BIA in Q4-2019 to determine feasibility of the gateway work for Locke Street. Waterdown Memorial Hall completion Q4-2019. Mount Hope gateway project transferred to project ID 7101958900. Funding for banners and miscellaneous improvements in Community Downtowns and BIAs as the need arises.
2017	8201703707	King St W Bus Imprv Area Gateway	12,450	-	-	12,450	0.0%	J. Lam	On hold.
2017	8201703708	Main St W Bus Imprv Area Gateway	150,000	-	-	150,000	0.0%	J. Lam	Discussions with BIA in Q4-2019 to determine feasibility of the gateway work.
2017	8201703900	2017 Dwnth West Harbor Remediate	78,200	2,676	-	75,524	3.4%	J. Lam	The project funds are for interest associated with the Downtown West Harbor Remediation loans. This program was reviewed as part of the five year review of the ERASE CIP in 2017. Loans approved subsequent to the CIP review will be interest free rather than low interest loans. Two loans have been fully advanced under this program. An increase in demand for this project is expected.
2017	8201755100	2017 Inter Village BIA Gateway	36,000	-	-	36,000	0.0%	J. Lam	On hold.
Sub-Total Economic Development			18,418,775	7,999,860	476,252	9,942,663	46.0%		
Building									
2017	8061757800	Microfiche Digitization of Records	4,112,900	-	-	4,112,900	0.0%	J. Caetano	RFP was completed and four quotes were received. Currently reviewing the quotes and demos. Hopefully will have selected a successful vendor for the Document Management software by the end of this year.
Sub-Total Building			4,112,900	-	-	4,112,900	0.0%		
Growth Management General									
2013	4141351100	Growth Management Vehicles	110,000	89,778	-	20,222	81.6%	C. Ammendolia	Vehicles retrofitted with AVL's (Automatic Vehicle Locaters), costing to be finalized.
2014	8121457600	AMANDA Implementation	1,815,375	1,365,484	17,690	432,201	76.2%	R. Lalli	The Amanda project along with staff have transitioned to Corporate IT in April 2019. The IT division is currently working with Planning and Economic Development to identify and execute next steps regarding Amanda initiatives.
2015	8121555100	Review Site Alteration By-Law	150,000	-	-	150,000	0.0%	J. Thompson	Staff is updating Site Alteration By-Law. Potential changes in regulations by MECP.
Sub-Total Growth Management General			2,075,375	1,455,262	17,690	602,423	71.0%		

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Industrial Lands									
2003	3620374100	SC-Strm Drainage Watercourse 7	5,226,000	4,612,852	471,353	141,795	97.3%	G. Paparella	Project (C15-37-18 (HSW)) is in construction.
2004	3620407101	SC Industrial Pk-Infrastructure	3,867,000	2,183,150	-	1,683,850	56.5%	G. Paparella	\$1.7M allocated for contract C15-37-18 (HSW), construction is in progress.
2005	3620504502	Airport Lands Expansion	17,307,000	16,969,622	-	337,378	98.1%	G. Paparella	Council suspended until funding source is recognized.
2005	5160507001	N Glanbrook Industrial BP Serv	16,901,360	14,848,328	-	2,053,032	87.9%	T. Sergi	Awaiting revenues from land sales. There are still 36 serviced acres still need to be sold which is the funding source for this project. (36 acres @ \$250k = \$M) Account to remain open until lands are sold.
2006	3620604501	Update Fed Zoning Regulations	129,000	81,776	81,256	(34,032)	126.4%	G. Paparella	Substantially complete. Project working in conjunction with project ID 3620604600 (Secondary Plan-AEGD).
2006	3620604600	Secondary plan - AEGD	2,822,940	2,594,850	-	228,090	91.9%	G. Paparella	Project working in conjunction with project ID 3620604501 (Update Fed Zoning Regulations). Project complete. Communicating with Capital Budgets if remaining funds can be Appropriated to a same like project.
2007	3620707001	RHBP-Dartnall Road Watermain	1,470,000	552,319	-	917,681	37.6%	G. Paparella	Project partially completed. Dartnall Road from Rymal to Twenty Road constructed. Remaining funds to be used for the portion from Twenty Road southerly to Dickenson Road. Project working in conjunction with other same project ID 3620707002 (RHBP-Dartnall Rd San Sewer).
2007	3620707002	RHBP-Dartnall Rd San Sewer	1,505,000	-	-	1,505,000	0.0%	G. Paparella	Project partially completed PW-10-13 (HSW). Dartnall Road from Rymal to Twenty Road constructed and funded from project ID 3620707690 (RHBP-N-Glanbrook Business Park). Funds to be used for the portion from Twenty Road southerly to Dickenson. Project working in conjunction with project ID: 3620707001 (RHBP-Dartnall Road Water main).
2007	3620707003	RHBP-Dartnall Road Extension	6,600,000	2,287,345	-	4,312,655	34.7%	G. Paparella	Project partially completed. Dartnall Road from Rymal to Twenty Road constructed. Remaining funds to be used for the portion from Twenty Road southerly to Dickenson road. Real Estate pursuing land acquisition for road. Project working in conjunction with project IDs 3620707001 (RHBP Dartnall road Water main), 3620707002 (RHBP Dartnall Rd San Sewer).
2007	3620707005	RHBP - Twenty Road	3,600,000	2,860,174	-	739,826	79.4%	G. Paparella	Urbanization of Twenty Road (Nebo Road to west limit of RHBP) constructed with Nebo Trail Subdivision and surface asphalt to be placed at a later date.
2007	3620707690	Red Hill Business Park	4,197,500	4,517,795	-	(320,295)	107.6%	G. Paparella	Project costs to be finalized.
2015	3621507501	Cormorant Road Extension	8,665,000	3,318,792	11,308	5,334,900	38.4%	G. Paparella	Project under construction - Valery Business Park. Project working in conjunction with project IDs (Sewage Works) 5161480480, (Water Works) 5141480480 (Cormorant Rd WM Extension).
Sub-Total Industrial Lands			72,290,800	54,827,003	563,917	16,899,880	76.6%		

Subdivision Programs									
2009	4140946100	2009-City Share of Servicing Costs	578,274	330,417	-	247,857	57.1%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2009	4140946103	183 Longwood Road South	652,479	96,908	-	555,571	14.9%	T. Sergi	Works incomplete (surface asphalt), developer to submit request for payment upon completion.
2009	4140946107	Fairgrounds East - Phase 1	683,000	643,382	-	39,618	94.2%	T. Sergi	Developer to submit request for payment.

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2010	4141046102	Ancaster Meadows - Phase 1	914,500	858,378	-	56,122	93.9%	T. Sergi	Developer to submit request for payment upon completion.
2010	4141046107	510 Dundas St E MDA-09-134	24,000	-	-	24,000	0.0%	T. Sergi	Developer to submit request for payment upon completion.
2010	4141046108	Meadowlands of Ancaster - Ph 9	198,500	214,436	-	(15,936)	108.0%	T. Sergi	Developer to submit request for payment upon completion. (City Share of Servicing Costs) to cover any deficits remaining in the project.
2011	4141146100	2011 City Share of Servicing Costs	24,086	24,086	-	-	100.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2011	4141146104	Silverwood Homes Subdivision	631,500	602,821	-	28,679	95.5%	T. Sergi	Developer to submit request for payment upon completion.
2012	4141246100	2012 City Share of Servicing Costs	364,968	-	-	364,968	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2012	4141246106	Waterdown Bay - Phase 1A	1,125,000	1,061,933	-	63,067	94.4%	T. Sergi	Developer to submit request for payment upon completion.
2012	4141246109	Kaleidoscope - Phase 1	241,000	207,959	-	33,041	86.3%	T. Sergi	Developer to submit request for payment upon completion.
2012	4141246110	Summit Park Ph 7 Internal Works	312,000	280,374	-	31,626	89.9%	T. Sergi	Developer to submit request for payment upon completion.
2013	4141346100	2013 City Share of Servicing Costs	1,692,815	-	-	1,692,815	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2013	4141346101	Limestone Manor Ancaster	60,000	49,864	-	10,136	83.1%	T. Sergi	Developer to submit request for payment upon completion.
2013	4141346104	Green Millen Shore Estates	250,000	207,445	-	42,555	83.0%	T. Sergi	Developer to submit request for payment upon completion.
2013	4141346105	Victory Ridge Phase 1	282,000	281,060	-	940	99.7%	T. Sergi	Developer to submit request for payment upon completion.
2014	4141446100	2014 City Share of Servicing Costs	1,294,000	-	-	1,294,000	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2014	4141446102	Summerlea West Phase 4	1,431,480	1,496,201	-	(64,721)	104.5%	T. Sergi	Developer to submit request for payment upon completion. Will Appropriate funds from Project ID 4141446100 (2014 City Share of Servicing Costs) to cover any deficits remaining in the project.
2014	4141446103	MC2 Homes Phase 3	60,000	40,494	-	19,506	67.5%	T. Sergi	Developer to submit request for payment upon completion.
2014	4141446105	Heritage Commons	85,000	80,566	-	4,434	94.8%	T. Sergi	Developer to submit request for payment upon completion.
2015	4141546100	2015 City Share of Servicing Costs	2,256,500	-	-	2,256,500	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2015	4141546101	The Crossings	116,000	96,569	-	19,431	83.2%	T. Sergi	Developer to submit request for payment upon completion.
2015	4141546102	Summit Park Phase 8	63,000	61,398	-	1,602	97.5%	T. Sergi	Developer to submit request for payment upon completion.
2015	4141546104	Ancaster Glen- Phase 2	474,500	443,013	-	31,487	93.4%	T. Sergi	Developer to submit request for payment upon completion.
2016	4141646100	2016 City Share of Servicing Costs	1,858,893	-	-	1,858,893	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2016	4141646101	MC2 Homes Phase 2	256,040	281,122	-	(25,082)	109.8%	T. Sergi	Developer to submit request for payment upon completion. (2016 City Share of Servicing Costs) to cover any deficits remaining in the project.

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2016	4141646102	Ancaster Woodlands Subdivision	153,900	156,533	-	(2,633)	101.7%	T. Sergi	Works under construction and developer will submit request for payment upon completion. Will appropriate funds from project ID 4141646100 (2016 City Share of Servicing Costs) to cover any deficits remaining in the project.
2016	4141646103	Ancaster Meadows Phase 2	172,100	-	-	172,100	0.0%	T. Sergi	Developer to submit request for payment upon completion.
2016	4141646106	Winona Crossing	14,967	15,141	-	(174)	101.2%	T. Sergi	Works under construction and developer will submit request for payment upon completion. Will appropriate funds from project ID 4141646100 (2016 City Share of Servicing Costs) to cover any deficits remaining in the project.
2016	4141646107	Fairground West	399,100	405,686	-	(6,586)	101.7%	T. Sergi	Developer to submit request for payment upon completion. (2016 City Share of Servicing Costs) to cover any deficits remaining in the project.
2017	4141746100	2017-City Share of Servicing Costs	1,207,895	-	-	1,207,895	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2017	4141746105	Victory Phase 5A SWMP	105,250	74,904	-	30,346	71.2%	T. Sergi	Developer to submit request for payment upon completion.
2017	4141746106	Foothills of Winona Ph2	207,702	160,775	-	46,927	77.4%	T. Sergi	Developer to submit request for payment upon completion.
2017	4141746107	Red Hill Phase 1 and 2	1,864,493	1,379,547	-	484,946	74.0%	T. Sergi	Developer to submit request for payment upon completion.
2017	4141746108	Kaleidoscope Phase 2	126,400	123,012	-	3,388	97.3%	T. Sergi	Developer to submit request for payment upon completion.
2018	4141846100	2018-City Share of Servicing Costs	125,311	-	-	125,311	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2018	4141846101	Flamborough Power Centre North	977,380	-	-	977,380	0.0%	T. Sergi	Developer to submit request for payment upon completion.
2018	4141846102	Caterini Subdivision-Phase 1	473,437	389,041	-	84,396	82.2%	T. Sergi	Developer to submit request for payment upon completion.
2018	4141846103	198 First Road West-Phase 1	1,315,228	-	-	1,315,228	0.0%	T. Sergi	Developer to submit request for payment upon completion.
2018	4141846104	Orlick Aeropark Ph 1 Watermain	78,645	80,029	-	(1,384)	101.8%	T. Sergi	Developer to submit request for payment upon completion.
2018	4141846110	Summit Park Ph 10	2,293,830	2,016,752	-	277,079	87.9%	T. Sergi	Developer to submit request for payment upon completion.
2019	4141946100	2019-City Share of Servicing Costs	2,018,064	-	-	2,018,064	0.0%	T. Sergi	Funds will be used to provide the City's share of costs under subdivision agreements as they are identified.
2019	4141946101	Waterdown Bay Phase 3	353,566	-	-	353,566	0.0%	T. Sergi	Project is currently in construction.
2019	4141946102	Central Park	628,370	440,898	-	187,472	70.2%	T. Sergi	Project is currently in construction.
2004	4140446111	Reda Heights	1,300	-	-	1,300	0.0%	T. Sergi	Developer to submit request for payment.
2007	4140746102	Jackson Heights Phase 3A	9,000	-	-	9,000	0.0%	T. Sergi	Developer to submit request for payment upon completion.
2008	4140846106	Parkside Hills - Phase 1A	603,300	665,689	-	(62,389)	110.3%	T. Sergi	Works complete. Developer to submit request for payment (holdback). Will appropriate funds from Project ID 4140946100 (2009 City Share of Servicing Costs) to cover any deficits remaining in the project.
Sub-Total Subdivision Program			29,058,773	13,266,434	-	15,792,338	45.7%		

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Water Growth Program									
2010	5141080092	Binbrook-Water Tower-Fletcher	480,000	356,774	-	123,226	74.3%	T. Sergi	Portion of main has been constructed (water tower to Binhaven) under Summerlea West Phase 2A. Balance of main (Binhaven to Fletcher) will be constructed by developer when adjacent development proceeds.
2010	5141096011	2010 Intensification Infra Upgrades	400,000	198,008	68,937	133,055	66.7%	T. Sergi	Pilot project completed. Allocation for projects as required.
2011	5141180195	Green Mtn-First W to Upp Centennial	760,000	305,489	-	454,511	40.2%	T. Sergi	Project constructed by developer (Red Hill Phase 1 & 2). Project working in conjunction with project IDs (Roads Development) 4031180195 (Green Mt-First to Centennial), (Storm Sewer) 5181580596 (Green Mtn-Morrissey-First Rd W).
2011	5141196011	2011 Intensification Infra Upgrades	400,000	3,462	-	396,538	0.9%	T. Sergi	Pilot project completed. Allocation for projects as required.
2013	5141380370	Upper Mount Albion - Highland	480,000	311,623	-	168,377	64.9%	T. Sergi	Watermain constructed by developer (Central Park). Developer to submit request for payment. Project working in conjunction with project ID 4031180583-(Upper Mount Albion Urbanization).
2013	5141380377	Arvin - McNeilly to 350m West	100,000	97,625	-	2,375	97.6%	T. Sergi	Project (C15-37-18 (HSW)) under construction. Project working in conjunction with project IDs (Roads Development) 4031380377, (Storm Sewer) 5181380377, (Sewage works) (5161580377 Arvin-McNeilly to 350m W.)
2014	5141480480	Cormorant Rd WM Extension	500,000	-	-	500,000	0.0%	T. Sergi	Project to be constructed in conjunction with the Valery Business Park subdivision (25T200512). Project working in conjunction with project IDs (Industrial Lands) 3621507501, (Sewage Works) 5161480480 (Cormorant Rd Extension).
2015	5141580588	RR 56 - Binbrook to Viking	1,190,000	1,184,124	-	5,876	99.5%	T. Sergi	Works substantially complete, costs to be finalized (C15-05-15 (HSW)).
2015	5141595558	Centennial Valve Chamber #3	16,550,000	7,314,524	143,548	9,091,928	45.1%	T. Sergi	VC #3 complete, additional works to be constructed with the Red Hill Ph 3/4 development (under construction).
2016	5141680653	Rymal-Upper Paradise to Garth	1,800,000	1,131,123	-	668,877	62.8%	T. Sergi	Project is complete C15-27-16 (HSW), costs to be finalized.
2016	5141680680	Miles - Ext Terni (E & W leg)	80,000	-	-	80,000	0.0%	T. Sergi	To be constructed when adjacent development proceeds.
2016	5141680682	Dundas - Spring Crk to Skinner	160,000	11,916	-	148,084	7.4%	T. Sergi	To be constructed with adjacent development (Waterdown Bay Phase 2).
2016	5141680683	Twenty - Nebo to 900m West	910,000	254,352	-	655,648	28.0%	T. Sergi	Water main constructed by Developer in conjunction with the Nebo Trail subdivision. Developer to submit request for payment.
2017	5141780785	RHBP-Dartnall - Stone to Rymal	592,500	536,752	3,002	52,745	91.1%	T. Sergi	Works substantially complete C15-18-17 (HSW). Costs to be finalized.
2017	5141796011	2017 Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi	Allocation for projects as required.
2018	5141880886	Pritchard Connect WM 355-601	110,000	-	-	110,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402.
2018	5141880887	WM St. A. Ext to Pritchard	70,000	-	-	70,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402.
2019	5141980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi	Project to be initiated.
2019	5141996011	2019-Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi	Allocation for projects as required.
Sub-Total Water Growth Program			25,482,500	11,705,772	215,487	13,561,241	46.8%		

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<u>Storm Sewer Growth Program</u>									
2006	5180680685	SWMP-A15 Meadowlands IV Pond	1,620,000	1,387,907	-	232,093	85.7%	T. Sergi	Pond constructed. Developer to submit request for payment (Ancaster Meadows Phase 1).
2006	5180680695	SWMP-H6 Dartnall Wetland Retro	855,000	1,933	-	853,067	0.2%	T. Sergi	Will need to re-assess if retrofit works are required.
2007	5180780774	SWMP - A1 Ancaster IBP	4,110,000	22,083	-	4,087,917	0.5%	T. Sergi	Project under construction -Valery Ancaster Business Park (25T200512).
2007	5180780784	SWMP-B8 Jackson Heights Ph 3	1,303,450	662,814	-	640,636	50.9%	T. Sergi	Pond constructed. Developer to submit request for payment.
2008	5180880855	Cathcart - Barton to 150m S	500,000	192,134	-	307,866	38.4%	T. Sergi	Works complete, developer to submit final costs.
2008	5180880863	SWMP South 2 QA-QC Pond	2,220,000	2,241,194	-	(21,194)	101.0%	T. Sergi	Pond constructed (Waterdown Bay Phase 1). Cost to be finalized. Funds to be reallocated to this project through the use of Appropriation form to cover off any deficits remaining in the project.
2008	5180880864	SWMP W6 North - Parkside Hills	511,090	491,288	-	19,802	96.1%	T. Sergi	Pond constructed, developer to submit request for payment (holdback).
2009	5180955943	Grids 2ndary Plan&Trans MP EA	120,000	25,564	-	94,436	21.3%	T. Sergi	Ongoing - update is in progress and studies as required would be funded from this account.
2009	5180980961	Parkside Drive Storm Sewer	1,500,000	425,949	-	1,074,051	28.4%	T. Sergi	Storm sewers constructed (Parkside Hills Phase 1), developer to submit request for payment (holdback).
2009	5180980980	SWMP Program	2,300,000	2,791,019	-	(491,019)	121.3%	T. Sergi	Allocation for new facilities as development proceeds. Funds to be reallocated to this project through the use of Appropriation form to cover off any deficits remaining in the project.
2009	5180980983	SWMP H8 -N of Rymal At Quarry	1,490,000	1,742,070	-	(252,070)	116.9%	T. Sergi	Pond constructed, funding to be finalized. Funds to be reallocated to this project through the use of Appropriation form to cover off any deficits remaining in the project.
2010	5181055057	Airport Employment - Ph 3&4 EA	500,000	50,880	-	449,120	10.2%	T. Sergi	Implementation Strategy completed. Future Environmental Assessments to be undertaken.
2010	5181080090	2010 Annual Storm Water Mngmnt	2,000,000	1,778,862	-	221,138	88.9%	T. Sergi	Allocation for new facilities as development proceeds.
2010	5181080091	Rymal-SWMP H8 - Trinity Church	1,500,000	1,919,524	-	(419,524)	128.0%	T. Sergi	Pond constructed, costs and funding to be finalized. Funds to be reallocated to this project
2010	5181080097	SWMP B14 - Orlick Aeropark	510,000	512,814	-	(2,814)	100.6%	T. Sergi	Pond constructed, costs and funding to be finalized. Funds to be reallocated to this project
2010	5181080099	SWMP SM14	1,430,000	1,478,531	-	(48,531)	103.4%	T. Sergi	Pond constructed, costs and funding to be finalized. Funds to be reallocated to this project through the use of Appropriation forms to cover off any deficits remaining in the project.
2011	5181155369	Specific Area Stormwater MP	150,000	101,805	-	48,195	67.9%	T. Sergi	\$100k allocated for Hannon Creek Study.
2011	5181159150	Res Drainage Assistance Program	520,000	431,867	30,708	57,425	89.0%	T. Sergi	Ongoing - this account is used to investigate and/or address drainage issues as they are brought forward to staff.
2011	5181180090	2011 Annual Storm Water Mngmnt	8,000,000	7,090,854	-	909,146	88.6%	T. Sergi	Allocation for new facilities as development proceeds.
2011	5181180188	RR 56-Binbrook Rd to Cemetery Dr	2,450,000	1,903,995	-	546,005	77.7%	T. Sergi	Construction substantially complete, costs to be finalized (C15-05-15 (HSW)).
2012	5181280090	2012 Annual Storm Water Mngmnt	4,000,000	2,140,279	-	1,859,721	53.5%	T. Sergi	Allocation for new facilities as development proceeds.

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2012	5181280280	SWMP A20 Limestone Manor	570,000	411,457	-	158,543	72.2%	T. Sergi	Pond constructed. Developer to submit request for payment.
2012	5181280286	SWMP SCM9 - Summit Park Ph 7	1,960,000	1,774,687	-	185,313	90.5%	T. Sergi	Pond constructed, developer to submit request for payment.
2012	5181280293	SWMP - A16 D'Amico Cimino Land	2,100,000	2,238,036	-	(138,036)	106.6%	T. Sergi	Pond constructed, developer to submit request for payment (Ancaster Woodlands). Funds to be reallocated to this project through the use of Appropriation forms.
2012	5181280294	SWMP W19 - Parkside Hills Ph 2	2,210,000	-	-	2,210,000	0.0%	T. Sergi	To be constructed by developer in conjunction with Park Place Phase 2. Anticipate 2020 construction.
2012	5181280295	SWMP SM4 - Penny Lane Estates	2,610,000	2,603,636	-	6,364	99.8%	T. Sergi	Constructed, developer to submit request for payment.
2012	5181280297	SCUBE Master Drainage Plan EA	796,248	302,297	23,758	470,193	40.9%	T. Sergi	Block Plan Servicing Strategy - Block 2 (C3-09-14) complete. Costs to be finalized.
2013	5181355369	Specific Area Stormwater MP	100,000	10,910	-	89,090	10.9%	T. Sergi	Allocation for studies as required.
2013	5181380090	2013 Annual Storm Water Mngmnt	4,000,000	2,093,491	-	1,906,509	52.3%	T. Sergi	Allocation for new facilities as development proceeds.
2013	5181380377	Arvin - McNeilly to 350m West	540,000	313,439	105,812	120,749	77.6%	T. Sergi	Project (C15-37-18 (HSW)) under construction. Project working in conjunction with project IDs (Roads Development) 4031380377, (Sewage) 5161580377, (Water Works) 5141380377 (Arvin-McNeilly to 350m W).
2013	5181380385	Watercourse 7 - Phase 2	300,000	106,360	-	193,640	35.5%	T. Sergi	Project (C15-37-18 (HSW)) under construction.
2013	5181380390	Highland - Upper Mount Albion	850,000	265,048	-	584,952	31.2%	T. Sergi	Construction is in progress. Delivered by developer in conjunction with adjacent development (Central Park). Working in conjunction with project IDs 4031380384 (Highland - Upper Mount Albion, 5161180184 Highland-Winterberry-Mt Albion).
2014	5181480090	2014 Annual Storm Water Mngmnt	4,000,000	3,403,483	-	596,517	85.1%	T. Sergi	Allocation for new facilities as development proceeds.
2014	5181480461	Parkside Urbanization - Ph1	930,000	909,865	8,892	11,243	98.8%	T. Sergi	Project (C15-41-17 (PED) is complete, costs to be finalized.
2014	5181480485	SWMP - H-9 Mewburn-Sheldon	3,140,000	2,165,142	507,043	467,815	85.1%	T. Sergi	Pond substantially complete (C15-19-17 (P)). Final asphalt to be placed on maintenance access road.
2014	5181480486	SWMP - St Elizabeth Ponds	360,000	-	-	360,000	0.0%	T. Sergi	Pond assessment final report completed. In discussion with landowner to finalize easement (land ownership changed).
2014	5181480488	Rymal - Dartnall to Fletcher	660,000	460,139	-	199,861	69.7%	T. Sergi	Construction complete C15-02-14 (PED), final payment to be issued.
2015	5181580090	2015 Annual Storm Water Mngmnt	4,000,000	5,063,317	-	(1,063,317)	126.6%	T. Sergi	Costs to be reviewed. Pending reconciliation.
2015	5181580585	Sheldon (H-9) & Mewburn (H-24)	720,000	-	-	720,000	0.0%	T. Sergi	Detailed engineering design complete and coordinating with Developer on timing. Project working conjunction with project ID 5181580586 (SWMF H-24 Mewburn Pond).
2015	5181580586	SWMF H-24 (Mewburn Pond)	2,130,000	387,892	10,135	1,731,973	18.7%	T. Sergi	Project will commence construction in 2019. Project working in conjunction with other same project ID 5181580585 (Sheldon (H-9) & Mewburn (H-24)).
2015	5181580594	First Rd W - Green Mtn to Mud	1,100,000	-	-	1,100,000	0.0%	T. Sergi	Project being constructed by developer in conjunction with the Red Hill Phase 3 & 4 development. Project working in conjunction with Roads Development project ID 4031580594 (First Rd W-Green Mtn to Mud).

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2015	5181580596	Green Mtn-Morrissey-First Rd W	490,000	31,614	-	458,386	6.5%	T. Sergi	Project being constructed by developer in conjunction with Red Hill Phase 1 & 2. Project working in conjunction with project IDs (Roads Development) 4031180195 (Green Mt-First to Centennial), (Water Works) 5141180195 (Green Mtn-First W to Up Cent), and (Storm Sewer) 5181580596 (Green Mtn-Morrissey-First Rd W).
2016	5181680090	2016 Annual Storm Water Mngmnt	4,000,000	4,000,000	-	-	100.0%	T. Sergi	Allocation for new facilities as development proceeds.
2016	5181680680	Big Creek	200,000	-	-	200,000	0.0%	T. Sergi	Require landowner permission to enter to conduct study.
2017	5181780090	2017 Annual Storm Water Mngmnt	4,000,000	2,456,741	-	1,543,259	61.4%	T. Sergi	Allocation for new facilities as development proceeds.
2017	5181780785	RHBP-Dartnall-Stone to Rymal	1,045,000	1,070,155	4,041	(29,196)	102.8%	T. Sergi	Project completed, costs to be finalized (C15-18-17 (HSW)). Need to review expenses to journal to appropriate projects to address the deficit.
2017	5181780786	RHBP-Dartnall Culvert Replace	187,000	176,805	-	10,195	94.5%	T. Sergi	Project completed, costs to be finalized (C15-18-17 (HSW)).
2018	5161880184	Up Mt Albion-Highland to Rymal	800,000	353,043	-	446,957	44.1%	T. Sergi	Project is under construction (Central Park). Working in conjunction with project IDs 4031180583 (Upper Mount Albion Urbanization), 5141380370 (Upper Mount Albion - Highland-410m Southerly).
2018	5181880090	2018 Annual Storm Water Mngmnt	4,000,000	331,303	-	3,668,697	8.3%	T. Sergi	Allocation for new facilities as development proceeds.
2018	5181880281	Greystones Channel Rehab	200,000	-	-	200,000	0.0%	T. Sergi	Project has not been initiated. Will require permission from private landowners.
2018	5181880870	Lewis Rd Culvert near Barton	660,000	-	96,939	563,061	14.7%	T. Sergi	Construction commenced in 2019. Works in conjunction with the development at 1119 Barton Street (Venetian Meats).
2018	5181880871	Borer's Creek Channel	1,160,000	-	-	1,160,000	0.0%	T. Sergi	2019 construction by developer (Parkside Hills Phase development (25T-201003)).
2018	5181880872	Flanders Drive Flooding	270,000	-	-	270,000	0.0%	T. Sergi	Improvements constructed. Payment subject to finalization of 2014 DC appeal.
2018	5181880887	Street A Extension to Pritchard SS	350,000	-	-	350,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201402.
2019	5161980955	Centennial-Servicing Study	100,000	-	-	100,000	0.0%	T. Sergi	Project to be initiated.
2019	5161996011	Intensification Infra Upgrades	400,000	-	-	400,000	0.0%	T. Sergi	Allocation towards intensification projects when identified.
2019	5181980090	2019 Annual Storm Water Mngmnt	4,000,000	-	-	4,000,000	0.0%	T. Sergi	Allocation for new facilities as development proceeds.
2019	5181980960	RR56 & Swayze Road	3,320,000	3,172,986	-	147,014	95.6%	T. Sergi	Works constructed by Developer (Summit Park Phase 10). Developer to submit request for payment.
2019	5181980980	SWMP-SM18 Central Park	3,630,000	2,531,288	-	1,098,712	69.7%	T. Sergi	Works constructed by developer (Central Park). Developer to submit request for payment.
2019	5181980981	SWMP-W1 Waterdown Bay Ph2	3,400,000	-	-	3,400,000	0.0%	T. Sergi	Works constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2019	5181980983	SWMP-W3 Waterdown Bay Ph2	4,000,000	-	-	4,000,000	0.0%	T. Sergi	Works constructed by developer (Waterdown Bay Phase 2). Developer to submit request for payment.
2019	5181980984	SWMP-W4 Waterdown Bay Ph2	7,600,000	-	-	7,600,000	0.0%	T. Sergi	2019 construction by developer (Waterdown Bay Phase 2).
2019	5181980985	SWMP-W5 Waterdown Bay Ph2	3,860,000	-	-	3,860,000	0.0%	T. Sergi	2019 construction by developer (Waterdown Bay Phase 2).
Sub-Total Storm Sewer Growth Program			118,337,788	64,026,501	787,327	53,523,960	54.8%		

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Sewage Works Program

2009	5161096011	2010 Intensification Infra Upgrades	400,000	1,111,783	-	(711,783)	277.9%	T. Sergi	Charges incorrectly applied (Waterdown Bay); to be adjusted. Pending reconciliation.
2011	5161180184	Highland-Winterberry-Mt Albion	610,000	642,440	-	(32,440)	105.3%	T. Sergi	Project delivered by developer (Central Park). Project working in conjunction with project IDs 4031380384 (Highland - Upper Mount Albion), 5181380390 (Winterberry - Mt. Albion).
2011	5161180187	Garner Rd W-Raymond to Hwy 6	2,400,000	458,124	-	1,941,876	19.1%	T. Sergi	To be constructed by developer as development proceeds. Portion from Raymond to approximately 380m westerly has been constructed.
2011	5161180188	RR56-Binbrook Rd to Viking Dr	890,000	811,711	-	78,289	91.2%	T. Sergi	Construction substantially complete, costs to be finalized (C15-05-15 (HSW)).
2011	5161196011	2011 Intensification Infras Upgrade	400,000	264,146	116,914	18,941	95.3%	T. Sergi	Pilot project for downtown completed.
2012	5161280290	Nash Area WW Sewer Outlet	4,530,000	3,766,241	-	763,759	83.1%	T. Sergi	Partially constructed, developer to submit request for payment (Victory and Red Hill).
2012	5161280292	SS Rd Sewer - Flying J-Pilot	2,840,000	1,691,201	-	1,148,799	59.5%	T. Sergi	Works substantially complete, Developer to submit request for payment.
2014	5161480480	Cormorant San Sewer Extension	620,000	8,744	-	611,256	1.4%	T. Sergi	Project is currently under construction (Valery Business Park subdivision - 25T200512). Project working in conjunction with project IDs (Industrial Land) 3621507501 (Cormorant Road Extension) and (Water Works) 5141480480 (Cormorant Rd Extension).
2015	5161580377	Arvin - McNeilly to 350m west	80,000	78,611	-	1,389	98.3%	T. Sergi	Project (C15-37-18 (HSW)) is under construction. Project working in conjunction with project IDs (Roads Development) 4031380377, (Storm Sewers) 5181380377, (Water Works) 5141380377 (Arvin-McNeilly to 350m W).
2017	5161796011	2017 Intensification Infras Upgrade	400,000	-	-	400,000	0.0%	T. Sergi	Allocation for projects as development proceeds.
Sub-Total Sewage Works Program			13,170,000	8,833,001	116,914	4,220,085	68.0%		

Roads - Development Program

2004	4030480483	Seabreeze-glover to McNeilly	950,000	337,729	-	612,271	35.6%	T. Sergi	Portion of Seabreeze constructed in conjunction with Seabreeze Phase 3. Developer to submit request for payment (holdback).
2006	4030680680	Springbrook Ave Urbanization	1,511,510	508,483	-	1,003,027	33.6%	T. Sergi	Portion of Springbrook Avenue has been secured under a development application (Springbrook Meadows Phase 2, 25T200510) and project is under construction.
2007	4030780741	Binbrook Rd Roundabout	450,000	691,648	-	(241,648)	153.7%	T. Sergi	Roundabout constructed, account to be closed pending final accounting. Request for journal to move expenses. Pending reconciliation.
2007	4030780743	McMaster Ave Urbanization	340,000	85,199	-	254,801	25.1%	T. Sergi	Final payment (holdback) still to be made, developer to submit request.
2007	4030780746	Binbrook Community Core Improv	1,046,570	106,485	-	940,085	10.2%	T. Sergi	Working in conjunction with project ID 4031280289 (RR 56-Binbrook Rd to Cemetery).
2008	4030880855	Dartnall - Rymal to Dickenson	6,507,820	2,819,620	-	3,688,200	43.3%	T. Sergi	Phase 1 (Rymal to Twenty) constructed C15-40-13 (SW). Need to acquire lands for Phase 2 (Twenty to Dickenson).
2009	4030980978	Growth Related Studies	200,000	87,039	98,444	14,517	92.7%	T. Sergi	PO Commitment for RFP C3-10-17 (Twenty Road and URHVP Extensions) and study completion in 2019.
2009	4030980986	TrinityChurchCorridor-53&Stone C	16,786,000	15,005,035	228,903	1,552,062	90.8%	T. Sergi	Construction substantially completed and road opened to traffic (C15-34-15 (HS)). Project costs to be finalized.

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2010	4031055057	Airport Employment-PH 3&4 EA	700,000	51,882	-	648,118	7.4%	T. Sergi	Implementation strategy complete. Environmental Assessments to be undertaken.
2010	4031080095	Mid Arterial-Mtn Brow-Dundas	3,880,850	10,876	-	3,869,974	0.3%	T. Sergi	Portion of road (Burke Street) constructed under Waterdown Bay Phase 1. Balance of road is currently in construction (Waterdown Bay Phase 2)
2011	4031180180	Highland- Mt Albion-Pritchard	2,140,000	1,350,175	293,942	495,883	76.8%	T. Sergi	Section from Upper Mount Albion to URHVP is currently under construction by developer (Central Park). Portion from URHVP to Pritchard was tendered (C15-38-18 (PED)) and construction is substantially complete.
2011	4031180195	Green Mt-First to Centennial	1,770,000	1,420,961	-	349,039	80.3%	T. Sergi	Road urbanized by developer (Red Hill Phase 1 & 2). Surface asphalt still to be placed. Project working in conjunction with project IDs (Water Works) 5141180195 (Green Mtn-First W to Up Cent), and (Storm Sewer) 5181580596 (Green Mtn-Morrissey-First Rd W).
2011	4031180583	Upper Mount Albion Urbanization	134,000	34,623	-	99,377	25.8%	T. Sergi	Road is currently under construction (by developer - Central Park). Project working in conjunction with project ID 5141380370 (Upper Mount Albion-Highland).
2012	4031280288	Mountain Brow Rd-Waterdown	5,110,000	200,881	-	4,909,119	3.9%	T. Sergi	Road urbanization will be completed in conjunction with the Waterdown Bay Phase 2 development. Anticipate construction to commence in 2019.
2012	4031280289	RR 56-Binbrook Rd to Cemetery	3,200,000	3,655,015	45,500	(500,515)	115.6%	T. Sergi	Construction complete. Finalize contract C15-05-15 (HSW) project costs. Project working in conjunction with project ID 4030780746 (Binbrook Community Core Improve). Request for journal to move expenses. Pending reconciliation.
2012	4031280292	Fifty Rd at SSR Intersection Upgrade	1,090,000	-	-	1,090,000	0.0%	T. Sergi	Intersection improvements to facilitate development .
2012	4031280294	Hwy 5 & 6 Interchg EA & Improv	10,770,000	13,556	-	10,756,444	0.1%	T. Sergi	MTO project which the City has entered into a cost sharing agreement. MTO has acquired land on a willing seller basis. No timing identified for construction.
2013	4031380360	Waterdown-Burlington Rd Upgrade	14,730,000	9,873,838	-	4,856,162	67.0%	T. Sergi	Road will be designed and constructed by City of Burlington and cost shared as per the Financial Agreement. Project currently in detailed design phase. To be funded through DC's.
2013	4031380377	Arvin - McNeilly to 350m West	690,000	288,595	365,614	35,791	94.8%	T. Sergi	Project (C15-37-18 (HSW)) is currently under construction. Project working in conjunction with project IDs (Storm Sewer) 5181380377, (Sewage Works) 5161580377, (Water Works) 5141380377 (Arvin-McNeilly to 350m W).
2013	4031380383	RR 56 - Southbrook to Binbrook	2,600,000	2,630,711	-	(30,711)	101.2%	T. Sergi	Construction in progress C15-05-15 (HSW). Request for journal to move expenses. Pending reconciliation.
2013	4031380384	Highland - Upper Mount Albion	1,110,000	492,844	10,625	606,531	45.4%	T. Sergi	Road urbanized by developer (Central Park). Road completed to binder, surface still to be placed at a later time. Project working in conjunction with project IDs 5181380390 (Highland-Upper Mount Albion), 5161180184 (Highland-Winterberry-Mt Albion).
2013	4031380386	Parkside Drive Urbanization	6,850,000	6,678,893	76,539	94,568	98.6%	T. Sergi	Project Contract (C15-41-17 (PED)) is complete, costs to be finalized.
2013	4031380387	Roundabout@Isaac Brock & First	672,400	649,472	20,195	2,733	99.6%	T. Sergi	Lands acquired at 194 First Road West for the connection of Lormont Boulevard with First Road West, pursuant to the Heritage Green Secondary Plan (West Mountain Area). Arrangements are being made to have the house demolished.
2013	4031380389	North-South Rd EA (connection)	130,000	-	-	130,000	0.0%	T. Sergi	Environmental Assessment to commence pending timing on the closure of Parkside Drive @ Hwy 6 (no timing specified by MTO).

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2013	4031380390	East-West Corridor Waterdown	23,660,000	5,785,086	3,403,060	14,471,854	38.8%	T. Sergi	Council approved to proceed with Request for Proposal (RFP), Feb. 13, for detailed design work for segment from Centre Road to Avonsyde. One segment west of Centre Road is currently being constructed.
2013	4031380391	North Service Road Green Road	200,000	96,352	-	103,648	48.2%	T. Sergi	To be constructed by developer in conjunction with Green Millen Shores subdivision. Project working in conjunction with project ID 4031380392 (North Service Road Millen Road).
2013	4031380392	North Service Road Millen Road	200,000	93,797	-	106,203	46.9%	T. Sergi	To be constructed by developer in conjunction with Green Millen Shores subdivision. Project working in conjunction with project ID 4031380391 (North Service Road Green Road).
2014	4031480481	Barton Street Improvements	440,000	236,271	5,720	198,009	55.0%	T. Sergi	Project is underway, C3-01-16 - Class Environmental Assessment (Phase 3 & 4). Project working in conjunction with project ID 4031580587 (Fifty Road EA).
2014	4031480485	Glover Road Cul-de-Sac	665,000	530,210	98,273	36,517	94.5%	T. Sergi	Project (Contract C15-39-18 (PED)) is complete. Land acquisition from MLF to be finalized.
2014	4031480582	2014 Development Rd Urbanization	500,000	503,173	-	(3,173)	100.6%	T. Sergi	Monies are allocated to specific road projects as development proceeds.
2015	4031580582	2015 Development Rd Urbanization	500,000	508,801	-	(8,801)	101.8%	T. Sergi	Monies are allocated to specific road projects as development proceeds. \$500K for C15-41-17 (PED) currently under construction.
2015	4031580584	Nebo - Rymal to Twenty Rd E	370,000	15,087	2,315	352,598	4.7%	T. Sergi	Detailed engineering design in progress. Project scheduled for 2021.
2015	4031580585	Twenty Rd Extension Sched C EA	320,000	65,421	150,365	104,214	67.4%	T. Sergi	Project C3-10-17 awarded AECOM and study is underway.
2015	4031580587	Fifty Road Environmental Assessment	220,000	52,284	108,901	58,815	73.3%	T. Sergi	Project - C3-01-16 - Class Environmental Assessment (Phase 3 & 4) is in progress. Project working in conjunction with project ID 4031480481 (Barton Street Improvements).
2015	4031580588	Gorden Dean Avenue	100,000	-	-	100,000	0.0%	T. Sergi	Environmental Assessment to be undertaken in conjunction with BPSS for Block 1. BPSS is currently underway. Project working in conjunction with project ID 4031980988 (Fruitland Rd Bypass Barton to Hwy 8).
2015	4031580589	Rymal - Fletcher to Up Centennial	1,040,000	351,224	234,644	454,133	56.3%	T. Sergi	Detailed engineering design in progress. Project scheduled for 2020.
2015	4031580594	First Rd W - Green Mtn to Mud	5,810,000	13,906	427,065	5,369,029	7.6%	T. Sergi	Project is under construction (Red Hill Phases 3 & 4). Project working in conjunction with sewer project ID 5181580594 (First Rd W-Green Mtn to Mud).
2016	4031680582	2016 Development Rd Urbanization	500,000	387,083	-	112,917	77.4%	T. Sergi	Monies are allocated to specific road projects as development proceeds. \$380K for C15-41-17 (PED) currently under construction.
2016	4031680681	Garner Rd-Hwy2 Wilson-Fiddlers	1,870,000	-	-	1,870,000	0.0%	T. Sergi	Road to be coordinated with Public Works water main project ID 5141396351 (Garner Water main Trunk W09).
2016	4031680684	Up Mt Albion-Stone Ch to Rymal	2,750,000	1,624,181	3,500	1,122,319	59.2%	T. Sergi	Project is under construction (Central Park). Portion of UMA reconstructed under Heritage Highlands Phase 1. Project working in conjunction with project ID 5161680684 (Up Mtn Albion-Stone - Highland).
2016	4031680685	RHBP-Dartnall-Stone to Rymal	5,711,000	5,077,460	67,700	565,840	90.1%	T. Sergi	Project was deemed substantial last year when the road was completed to binder coarse. Surface course placed in 2018. Final project costs to be finalized.
2017	4031780582	2017 Development Rd Urbanization	500,000	190,924	-	309,076	38.2%	T. Sergi	Monies are allocated to specific road projects as development proceeds.
2017	4031780781	Hwy 8 Improvements Class EA	720,000	209,106	327,278	183,616	74.5%	T. Sergi	Contract C3-03-18 awarded and project is in progress.

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2017	4031780789	RR 56 - Rymal to ROPA 9	605,000	112,946	32,696	459,358	24.1%	T. Sergi	Detailed engineering design in progress. Project scheduled for 2020.
2017	4031780790	Baseline - Access Road	500,000	-	-	500,000	0.0%	T. Sergi	Road will be constructed in conjunction with the development of 1288 Baseline Road. Works to commence in 2019.
2018	4031880582	2018 Development Rd Urbanization	500,000	-	-	500,000	0.0%	T. Sergi	Monies are allocated to specific road projects as development proceeds.
2018	4031880852	Southridge Court Cul-De-Sac	90,000	-	-	90,000	0.0%	T. Sergi	Will begin when development starts.
2018	4031880853	McClure-Garner Rd-200m Northerly	180,000	135,647	46,703	(2,350)	101.3%	T. Sergi	Project C15-64-18 (PED)) substantially complete as of June 4, 2019. Final payment to be issued.
2018	4031880883	Dickenson Road Class EA	690,000	69,138	375,129	245,734	64.4%	T. Sergi	Contract C3-06-18 awarded and project is in progress.
2018	4031880887	Street A Extension to Pritchard	320,000	1,272	-	318,728	0.4%	T. Sergi	Project will be initiated in conjunction with 25T-201402 (Multi-Area Employment Lands).
2019	4031980783	(AEGD)Glancaster Rd Class EA Garner-Dickenson	690,000	-	-	690,000	0.0%	T. Sergi	Project is on 2019 workplan.
2019	4031980940	New Signal-Garner @ Hwy 6	400,000	-	-	400,000	0.0%		Project not initiated.
2019	4031980941	New Signal-Dundas @ Pamela	230,000	469	-	229,531	0.2%	T. Sergi	Project not initiated.
2019	4031980942	New Signal-Dundas @ Mallard Trail/Springcreek	230,000	1,416	-	228,584	0.6%	T. Sergi	Project not initiated.
2019	4031980951	Springbrook Ave Phase 2, Regan to Garner	1,500,000	-	-	1,500,000	0.0%	T. Sergi	Project will be delivered by Developer in conjunction with development.
2019	4031980985	Miller Drive Urbanization-Anson to Garden	570,000	-	-	570,000	0.0%	T. Sergi	Project will be initiated in conjunction with 25T-201606 (20 Miller Drive).
2019	4031980988	Fruitland Rd By-pass-Barton to Hwy8	5,280,000	-	-	5,280,000	0.0%	T. Sergi	Environmental Assessment is underway to finalize alignment. Working in conjunction with Project ID 4031580588 (Gorden Dean Ave.).
Sub-Total Roads Development Program			141,230,150	63,054,812	6,423,110	71,752,228	49.2%		

Planning Division

Planning

1999	8109955004	SC Highway 8 Urban Design	27,000	368	-	26,632	1.4%	A. Fabac	Funds will be used to develop low rise built form design guidelines to be applied to SC Highway 8 and other parts of the City. These will be contained within the update Site Plan Design Guidelines.
2006	8100655600	SCUBE Secondary Plan	66,880	52,474	-	14,406	78.5%	A. Mahood	Site specific appeals remain.
2007	8140755700	Aggregate Resource Study	500,000	241,553	16,324	242,123	51.6%	J. Hickey-Evans	A review of aggregate resources in Elfrida is part of the background work is underway. In addition, staff are working with Hamilton Water Services to undertake hydro geological mapping to identify vulnerable areas in the rural. The project is expected to be completed by Q4-2019. Project works with 8121355605 (Elfrida Expansion studies). OP conformity review is underway based on the 2014 PPS and revisions to the Greenbelt Plan and Growth Plans. The project works in conjunction with Project ID 8151655600 (Zoning By-law) and 8141555101 (Residential Intensification Strategy).

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2008	8140855800	Official Plan LPAT/OMB Appeal	1,605,650	1,191,231	-	414,419	74.2%	J. Hickey-Evans	There are a few active OMB appeals for the Urban Hamilton Official Plan. In October 2018, an OMB hearing was held to hear a technical matter related to these appeals. No decision has been received.
2009	8120955900	Community Planning Studies	876,190	614,700	21,008	240,483	72.6%	A. Mahood	Majority of Downtown Hamilton Secondary Plan brought into effect in August 2019. Two appeals still outstanding with one close to resolution. Community Energy Plan now reported under separate project 8121955900 (Community Planning Plan-CEP).
2009	8120955903	Longwood Rd-Main to Aberdeen	120,000	25,817	-	94,183	21.5%	A. Fabac	The LRT operations, maintenance and storage facility location and timing for construction has implications for the Streetscape Master Plan. Coordination with LRT staff will continue into Q2-2020.
2010	8141055100	Nodes & Corridors Plans	450,000	75,107	165,905	208,988	53.6%	A. Mahood	Waterdown Node Secondary Plan consultation being planned for October/November 2019 including focus group meetings, community stakeholders consultation, PIC and design workshop. Facilitator hired to assist with consultation. Dundas Node Study background review underway.
2010	8141055101	Residential Intensify Strategy	157,000	40,765	16,635	99,601	36.6%	J. Hickey-Evans	Residential Intensification Strategy is part of the municipal comprehensive review and GRIDS 2. A second round of Public consultation will occur in November/December. The project works in conjunction with Project ID 8151655600 (Zoning By-law), and 8141555600 (Growth Management).
2011	8141155103	Zoning By-law OMB Appeals	325,000	90,967	-	234,033	28.0%	J. Hickey-Evans	The City received approximately 20 appeals to the OPA and Zoning By-law for new Commercial and Mixed Use zones. Staff are working to resolve the appeals in 2019.. This project works in conjunction with Project ID 8151655600 (Zoning By-law).
2011	8141155104	Bayfront Strategy	495,000	389,598	97,966	7,437	98.5%	A. Mahood	Revisions to draft Strategy and Action Plan underway by consultant. Consultation on revised draft to begin late Q4-2019/Q1-2020.
2012	8121255620	Part IV Designate of Property	688,500	285,930	81,994	320,575	53.4%	A. Fabac	Designations are underway with one property designated in September. Additional designations will occur in Q4-2019.
2012	8201255700	Ottawa St Streetscape Improvement	100,000	94,861	1,260	3,879	96.1%	A. Fabac	Staff are reviewing the final draft document received from the consultant. The final document is expected Q1-2020.
2013	8121355605	Elfrida Expansion-Studies	1,500,000	723,815	656,353	119,832	92.0%	A. Mahood	Information from the Land Needs Assessment (part of the city-wide Municipal Comprehensive Review (MCR) and GRIDS Study) is required prior to advancing the Elfrida Study. Changes to the Growth Plan proposed by the Provincial government will have an additional impact on timelines. Background work for Agricultural Impact Assessment is proceeding.
2014	8121455500	St Clair-Heritage Plan Review	100,000	-	-	100,000	0.0%	A. Fabac	The background report has been received and reviewed by staff. The revised final document is expected from the consultant end of Q4-2019. Consultation on the final document will occur Q1 to Q2-2020.
2015	8141555600	Hamilton Growth Management Review	2,155,000	456,912	355,032	1,343,057	37.7%	J. Hickey-Evans	Work is underway on the Land Needs Assessment and other background work and data analysis. The Province is in the process of revising the LNA methodology which has impact on the timing of the Growth Strategy. A second round of public consultation will be undertaken in November/December. The project works in conjunction with Project ID 8140855800 (OP-OMB appeals).

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2016	8101655600	2016 Comp Zoning By-Law	1,548,600	1,276,952	18,544	253,104	83.7%	J. Hickey-Evans	Residential zoning, including individual studies or discussion papers will be prepared during 2019/2020. The Residential Care Facility paper was presented to Planning Committee in April, with public consultation to follow. Two Discussion Papers - Accessory Apartments/secondary suites and Parking for residential areas - will be presented to Planning Committee in Q4 2019 and Q1 2020. Project working in conjunction with 8141555101 (Residential Intensification Strategy)
2016	8121655601	Barton Tiffany Design Study	150,000	-	-	150,000	0.0%	A. Mahood	OP and zoning amendments to implement the Design Study will be initiated once Pier 8 appeals have been resolved and the Setting Sail Secondary Plan is approved in the UHOP by LPAT. UHOP version of the Secondary Plan needs to be carried out once the Pier 8 appeals have been resolved.
2016	8121655602	DC Study and Grids Update	605,000	52,142	5,195	547,663	9.5%	A. Mahood	Modeling of intensification estimates are occurring through a variety of projects. This account will be used along with other accounts for additional consultation and specialized modeling to support both GRIDS and DC Update.
2016	8121655604	Implement Food & Farming Plan	70,100	30,000	-	40,100	42.8%	J. Hickey-Evans	Food and Farming Projects include work on the Provincial Plan review implementation – and Agricultural land base. The purpose of this fund is to allow Hamilton to partner with the 6 other municipalities which are part of the Golden Horseshoe Food and Farming Alliance on region wide food and farming related studies. A review of the deliverables for the GHFFA is underway and will identify additional projects that will be undertaken in 2020 and 2021.
2016	8121655606	Site Plan Guidelines Update	200,000	-	-	200,000	0.0%	A. Fabac	Work has recommenced and the project definition has been completed. Consultant will be integrating this work with the low rise guidelines.
2016	8141655600	2016 CityWide Employment Survey	423,790	260,222	-	163,568	61.4%	J. Hickey-Evans	The 2019 Employment Survey has been complete for 2019. Data clean up is underway. The results are used for various municipal and planning exercises (land budget, OP monitoring).
2017	8121755700	Woodland Protection Strategy	325,000	103,736	48,905	172,359	47.0%	A. Fabac	The consultants have prepared the draft final report which city staff reviewed in September. The draft final report will be released to the public in Q4-2019.
2017	8121755703	James N Mobility Study Implementation	250,000	-	-	250,000	0.0%	A. Mahood	Hiring of consultant to develop the Community Energy Plan is completed. Consultant's work to begin Q4-2019.
2017	8121755705	Urban & Rural Hamilton Plans 5 Yr Review	331,000	8,026	-	322,974	2.4%	J. Hickey-Evans	The Municipal Comprehensive Review background work (i.e. residential intensification targets, urban structure) is informing the Official Plans updates. A second round of public consultation will occur in November/December. The project works in conjunction with 8141555600 (Hamilton Growth Management Review) and with 8141555101 (Residential Intensification Strategy).
2017	8121755706	Planning & Zoning Growth Area	1,050,000	181,007	-	868,993	17.2%	J. Hickey-Evans	Planning for the station areas plans along the LRT are underway as part of the municipal comprehensive review in 2019/20. The project works in conjunction with 8141555600 (Growth Management)
2019	8121955900	Community Planning Plan-CEP	180,000	-	187,825	(7,825)	104.3%	A. Mahood	Hiring of consultant to develop the Community Energy Plan is completed. Consultant's work to begin Q4-2019.
2019	8121957900	3D Model Development	120,000	4,176	4,104	111,720	6.9%	A. Mahood	Staff hired to undertake 3D model in August 2019. Hardware and software purchased.
2019	8121957901	Digital Planning Applications	385,000	-	-	385,000	0.0%	A. Fabac	Senior Project Manager position created and filled in an acting capacity. Position will be posted and filled in Q4-2019.
Total Planning			14,804,710	6,200,357	1,677,048	6,927,305	53.2%		

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Transportation Planning & Parking Services Division

Parking Operations Program

2015	4901551100	Communications & Security System	70,300	-	-	70,300	0.0%	C. McKean	Project reassigned September 2019. Will engage a consultant in the coming months. Deliverables Q2/Q3-2020.
2016	4901641600	Elevator Review-York Parkade	50,000	28,436	-	21,564	56.9%	C. McKean	Vendor in process of editing report and resubmitting for approval and Engineer sign-off. Expected completion Q4-2019.
2016	4901657600	HMPS Software Upgrade	200,000	97,796	32,810	69,394	65.3%	A. Hand	First phase of this project which upgraded our Enforcement software is now complete. The last phase referred to the Parking rights Module is in-progress and is expected to be completed by Q1-2020.
2017	4901751700	Parking Payment Equipment	867,000	530	492,500	373,970	56.9%	A. McIlveen	Machines are received in batch orders. 1st phase of orders was completed in Q2-2019. Just received 2nd batch to be installed by Q4-2019. 3rd and last phase of batches to be delivered by Q2-2020.
2017	4901755700	Parking By-Law Review	100,000	62,014	23,200	14,786	85.2%	A. Hand	Consultant hired to assist with creating a Bylaw text from GIS mapping points. Payment milestone (3 of 4) in-progress. On-track to complete project and remaining budget by end of Q4-2019.
2018	4901841801	Elevator Replacement-York Parkade	400,000	38,018	5,000	356,982	10.8%	C. McKean	Tender to be issued Q4-2019. Currently engaging consultants to help monitor status of construction once commenced (expect to be on board Q4-2019). HVAC contractor to provide services and install in Q4-2019.
2019	4501941900	Parking Control Squad Room	30,000	-	-	30,000	0.0%	J. Buffet	Will be following up with final items chosen for project and scheduling with facilities by end of Q4-2019.
2019	4901945900	Waterproof Convention Parking	50,000	-	-	50,000	0.0%	C. McKean	Awaiting decision on condition assessment project for the convention center parkade. If so, funds can be allocated for partial payment towards that project.
2019	4901951900	Electric Charging Stations	55,000	-	-	55,000	0.0%	A. Hand	Received quotes for 4 EV charging stations and PO requisition has been submitted to start the process for implementing the work. Next steps are to
2019	4901955900	Parking Master Plan Consultant	200,000	-	-	200,000	0.0%	A. Hand	Consultant has been selected and PO requisition has been initiated. Next steps to have first meeting with Consultant (October). Study to be approximately 9 months in length.
2019	4901957900	Online Parking Module	100,000	-	-	100,000	0.0%	A. McIlveen	Research being conducted on business needs for creation of RFP. Project to begin in Q2-2020.
2019	4901957901	Pay-on-Foot System Replacement	550,000	-	32,749	517,251	6.0%	A. McIlveen	Facility research being conducted to establish specifications for creation of RFP. Project to begin in Q2-2020.
Total Parking Operations			2,672,300	226,793	586,259	1,859,248	30.4%		

Licensing & By-Law Services

2019	4501951900	Licensing-Vehicle Purchases	90,000	20,701	-	69,299	23.0%	H. Gill	Vehicles received. Extra vehicle ordered in error, pending authorization to issue as a replacement vehicle to existing old vehicles, if not the deficit will be covered from operating Deptid 806135.
2019	4501955900	Digital Signage Strategy	90,000	-	-	90,000	0.0%	R. Ustrzycki	Project delayed due to staffing resources.
2019	4501957900	Handheld Ticketing Device-System Integration	345,014	83,345	263,097	(1,427)	100.4%	D. Ortiz	Project is currently entering the User Acceptance Testing of the Officer System and mobile App for LBS. Payment has been made for handheld printers and recently approved project start fee. System is anticipated to go-live mid to late November. Project has been further expanded to include a second phase that will merge the Parking and LBS Officer systems into one in 2020. Additional funds requested in 2020 Capital Budget process.
Total Licensing & By-Law Services			525,014	104,046	263,097	157,871	69.9%		

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Transportation Planning

2014	4041417125	Cannon By-Directional Cycle Track	867,200	719,484	11,273	136,443	84.3%	D. Bender	Final expenditures are in progress. The final design billing is being processed and the final install billing will be in November 2019.
2014	4241409108	Ward 1 Bike Lanes-Longwood Rd N	50,000	8,594	-	41,406	17.2%	D. Bender	Funds to be used for cycle track design in 2020, by a consultant.
2014	4241409113	Ward 1 Bike Racks	25,000	19,233	-	5,767	76.9%	P. Topalovic	Final rack installations will take place before December 2019.
2015	4041503519	Bike Racks - Parking	142,824	72,940	-	69,885	51.1%	P. Topalovic	Continue to work on (on-going): - Bike rack locates and site visits - Bike rack installations - Bike rack refurbishment and tracking
2016	4031655641	Cordon Count Project	119,200	96,682	-	22,518	81.1%	M. Philip	Budget remaining in the project will be used for next round of counts. Discussions progressing with other Regional partners & MTO for the next counts. Exploring technology firms if they have the proven technology to count vehicle occupancy. Additional budget required for year 2021. Count locations to be determined based on the Modelling requirements
2016	4031655926	(TMP)Transportation Master Plan Performance Measurement	263,095	4,413	-	258,682	1.7%	S. Molloy	In process of creating purchase orders to collect data in conjunction with MTO Commercial Vehicle Survey.
2016	4041655601	Everyone Rides Initiative Pilot Project	524,945	514,455	12,735	(2,245)	100.4%	P. Topalovic	Final report is being submitted to the funder: Federation of Canadian Municipalities for final close out of the pilot project.
2017	4031718126	Centennial Bridge over QEW-Path	320,000	-	-	320,000	0.0%	M. Philip	A consultant will be hired this fall to design the missing segments to connect to the new Stoney Creek GO station with install planned for 2021.
2017	4031755820	Transportation Demand Management & Smart Commute	1,174,000	588,979	192,745	392,276	66.6%	P. Topalovic	Smart Commute month outreach and events took place in September and included: - employer outreach - annual survey - events LRT Hamilton Construction Mitigation - developing plan to engage employers and commuters who will be impacted by construction - developing strategies to ensure workplaces are prepared for construction and developing resources to ensure employers and residents have the tools necessary to thrive during the construction period - engage citizens on new modes of transportation
2017	4031755940	2017-Transportation Tomorrow Survey	205,740	6,463	12,926	186,351	9.4%	M. Philip	Project working in conjunction with same like project 4031955940 (2019 Transportation Tomorrow Survey).
2017	4661717124	2017 On Street Bike Facilities	438,000	231,510	204,451	2,039	99.5%	D. Bender	Remaining projects to be installed include: Britannia/ Melvin (2019), Cannon at Barnesdale (2020), Dalgleish/ Terryberry (2019/20)
2017	4661720924	2017 Truck Route Master Plan	200,000	-	219,030	(19,030)	109.5%	O. Shams	The PO for this project has been approved. The Project kick-off meeting occurred and required data has been transferred to consultant. Consultant has developed the study design and the consultation/engagement strategy plan. The study design and public consultation plans will be presented before the Truck Route sub-committee at the up-coming Sub-committee meeting. Term of reference was amended for additional opportunities for civic engagement, public meetings, therefore, the consultant has recommended additional engagement activities that will result in deficit in this project. Deficit to be offset from Red-light camera reserve as per Report PED19073, Council approval April 10, 2019.

City of Hamilton Capital Projects Status Report - Excluding Public Works
As of September 30, 2019

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2018	4031855744	TMP Modelling & Monitoring	80,000	-	-	80,000	0.0%	O. Shams	Terms of reference is developed and is under review. The project works in conjunction with project 4031955744 (2018 TMP Modelling & Monitoring).
2018	4031855815	(SMATS) South Mtn Arterial Study	150,000	-	-	150,000	0.0%	S. Molloy	Project on hold, terms of reference to be developed in Q1-2020.
2018	4661817124	2018 On Street Bike Facilities	4,335,000	409,906	574,521	3,350,573	22.7%	D. Bender	Installation of these funds are now commencing in 2020 including Claremont Access, Sobi bike share, Hunter St, King @ RHVP, Limeridge Rd, Creighton Rd, Barton St, Kitty Murray, Stonehenge, Charlton, bike racks.
2018	4661817125	2018 On Street Bike Facilities/Construction	450,000	394,095	63,837	(7,932)	101.8%	D. Bender	Works are complete and operating. Project to remain open for 1 to 2 years to address any short-term deficiencies. The deficiency will be address when PO's are closed as not all funds will be needed to address deficiencies to complete if any.
2019	4031955744	TMP Modelling & Monitoring	80,000	-	-	80,000	0.0%	O. Shams	Terms of reference is developed and is under review. The project works in conjunction with project 4031855744 (2018 TMP Modelling & Monitoring).
2019	4031955878	Bike Share Expansion Planning	100,000	-	-	100,000	0.0%	P. Topalovic	The project will be tendered in November.
2019	4031955916	Complete Livable Streets Manual	250,000	-	-	250,000	0.0%	P. Topalovic	Staff and the rostered consultant are hosting a kick off meeting to start the work.
2019	4031955940	2019-Transportation Tomorrow Survey	40,000	-	-	40,000	0.0%	M. Philip	TTS is a collaborative project by the MTO and Regional Municipalities. We oversee and provide input into the work undertaken by the consultant hired by MTO. Preliminary discussions are underway for the 2021 Transportation Tomorrow Survey (TTS). Additional budget will be requested in the 2020 budget. MTO will initiate the project in 2020. The City will pay its share of cost. Project working in conjunction with same like project 4031755940.
2019	4031955985	Highway 403 Connections Study	30,000	-	-	30,000	0.0%	S. Molloy	Project not proceeding, portions of this initiative will be undertaken as part of the LINC / RHVP feasibility study.
2019	4031955986	MMLOS Policy & Trans Impact Study Guidelines Update	130,000	-	-	130,000	0.0%	S. Lucas	Terms of Reference in progress.
2019	4031955987	Road Classification Harmonization Study & R-O-W Review	80,000	-	-	80,000	0.0%	S. Lucas	Terms of reference being developed, expected project initiation in Q4-2019.
Total Transportation Planning			10,055,004	3,066,753	1,291,518	5,696,733	43.3%		

Tourism & Culture Division

Cultural Operations Program

2012	4241209103	Public Art - Ward 1	300,000	25,311	-	274,689	8.4%	K. Coit	Artist has been awarded the commission. Fabrication is underway. Q2-2020 installation anticipated pending RBG agreement.
2012	7101258706	Dundurn Castle Exteriors	254,293	226,861	14,170	13,263	94.8%	C. Samko	Still waiting for report from one archaeological project. Once PO is closed, any remaining funds from PO contingency will be used to offset the deficiency in project ID #7201541702 (Dundurn Castle Outbuildings).
2013	4241309204	Public Art -Cent Mem Rec Centre - mural	17,500	-	-	17,500	0.0%	K. Coit	Consultation planned for Q1-2020.
2014	7201455700	Battlefield Interpretive Study	100,000	74,913	23,134	1,953	98.0%	C. Samko	Drawings and specifications for restoration of the barn still in progress and estimated to be completed by Q4-2019. Project working in conjunction with project ID 7101741707 (Battlefield Barn Restoration) Remaining funds to be applied to the permit and construction phase of the project.

**City of Hamilton Capital Projects Status Report - Excluding Public Works
 As of September 30, 2019**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2015	7101558502	Public Art - Battlefield-Interpretive Panel	16,000	50	-	15,950	0.3%	K. Coit	Working with the artist to finalize the design Q3-2019 installation.
2015	7101558506	Public Art - Dundas Driving Park Phase 2	145,000	88,777	45	56,177	61.3%	K. Coit	Installation planned for Q4-2019 pending approval of new images by artist and weather.
2015	7101558507	Public Art Master Plan Review	18,000	9,196	-	8,804	51.1%	K. Coit	Art in Public Places Policy public consultation underway. Completion Q2-2020.
2015	7101558508	Public Art - King William Art Walk	190,000	2,501	-	187,500	1.3%	K. Coit	Call for artists to be issued Q4-2019. Award anticipated in Q1-2020.
2015	7101558509	Public Art - West Hamilton Rail Trail	25,000	-	-	25,000	0.0%	K. Coit	Consultation with the neighborhood association continues.
2015	7201541702	Dundurn Castle Outbuildings	508,431	535,110	40,177	(66,856)	113.1%	C. Samko	Waiting for reports from one archaeological project. Once PO is closed, project ID will be closed. Deficiency will be covered by funds from project ID #7101258706 Dundurn Castle Exteriors and project ID #7201658602 Dundurn Stoplight Installation.
2015	7201555501	Children's Museum Feasibility Study	150,000	119,218	5,167	25,615	82.9%	S. Mrva	Remaining funds will be applied to next phase of design and expansion in 7201841804 to support the exhibit design process and construction. Project working with same like project 7201841804 (Children's Museum Expansion-Exhibits).
2015	7201555502	Culture Strategic Priorities	548,220	197,851	8,000	342,369	37.5%	P. Tombs	Tourism Hamilton Phase 2 website work in progress. First Animation Plan project (Community and Public Spaces) to be launched Q1-2020. Cultural Plan Storytelling and Icon partner project with the Hamilton Public Library is in progress.
2015	7201558504	Steam Museum Building Repairs	170,250	133,695	1,625	34,930	79.5%	C. Samko	Funds to be used to complete exhibit renovation in the Pumphouse in 2019. Project will be completed in Q4-2019.
2016	7201641602	St Mark's Rehab-Canada 150	1,810,620	1,687,422	5,392	117,806	93.5%	C. Samko	Landscape Architectural work for St. Mark's Church is completed. Construction anticipated to begin late Q4-2019.
2016	7201641603	Fieldcote New Addition Final Design	130,000	31,576	94,900	3,524	97.3%	C. Samko	Drawings are delayed due to redesign requests from the Community Consultation Group. Package due to be completed by Q4-2019.
2016	7201658600	Collections Registration Preservations	321,500	81,570	-	239,930	25.4%	F. Hicks	Collections assistants/students expenses to be offset by Q4-2019. They're primary job is cataloguing artifacts, assisting with exhibit and restoration projects for the museums.
2016	7201658602	Dundurn Stoplight Installation	1,083,029	758,039	25,118	299,871	72.3%	C. Samko	Entrance signage is completed Hiring a consultant to begin plans and specifications to replace HVAC system and associated systems. Any remaining funds will be used to offset the deficiency in Project ID 7201541702 (Dundurn Castle Outbuildings).
2016	7201659600	Heritage Inventory & Priorities	432,970	192,591	23,367	217,012	49.9%	S. Mrva	Strategy public process is nearing completion. Report writing to begin in Q4-2019. Project completion on schedule for Q1-2020.
2017	7101741702	Auchmar Rehab Garden Wall-Can150	881,900	858,768	23,293	(161)	100.0%	C. Samko	Dovecote roof has been completed. Remaining funds will be used on the review of potential rental feasibility for Auchmar Estate to support a council report to be submitted in Q4-2019.
2017	7101741707	Battlefield Barn Restoration	634,600	7,005	29,035	598,561	5.7%	C. Samko	Drawings and specifications for restoration of the barn still in progress and estimated to be completed by Q4-2019. Project working in conjunction with project ID 7201544700 (Battlefield Interpretive Study) Remaining funds to be applied to the permit and construction phase of the project.

City of Hamilton Capital Projects Status Report - Excluding Public Works
As of September 30, 2019

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2017	7201741703	St Mark's Restoration Phase 2	260,000	123,226	70,622	66,152	74.6%	C. Samko	Funds in this project being used to support St. Mark's Church Restoration Phase 2 including permit fees, site plan approval reports, easement cost and Committee of Adjustment expenses. Currently awaiting final site plan approval, tender will be issued promptly thereafter". Any funds remaining will be transferred to 7201841803 (St. Mark's Church Interior Restoration) to support construction happening in 2019.
2017	7201758700	Art & Monuments Restoration	229,500	92,756	18,970	117,774	48.7%	C. Samko	Project Manager was hired in Q1-2019. Work plan has been developed and procurement of service has begun. Work to continue until end of Q4-2019. Project working with same like project 7201858802 (2018 Art & Monuments).
2017	7201758701	Electric Box Heritage Program	34,000	(5,059)	-	39,059	-14.9%	I. Kerr-Wilson	Installation underway. Completion by end of 2019. Should be able to close project in Q1-2020.
2017	7201758702	2018 Canadian Country Music Awards	640,000	606,992	-	33,008	94.8%	C. Brooks-Joiner	Awaiting a journal entry into this Project I.D. from Risk Management for damages to equipment incurred during CCMA 2018.
2017	7201758703	Gage House Upper Rooms	182,300	116,898	25,264	40,138	78.0%	C. Samko	Conservation of the remaining rooms of the second floor underway. Estimated to be complete by the end of Q2-2020. Delay due to prioritizing porch and cladding repair project. Project working in conjunction with project ID 7201541506 (Gage House Exterior)
2017	7201758704	Griffin House Condition Remediation	107,800	19,428	40,645	47,727	55.7%	C. Samko	The engineering report is complete. The historic structures report is 75% complete. Planning and implementing of building repairs as per the report recommendations shall commence upon completion of historic structures report.
2017	7201758705	Steam Museum Landscape	90,000	54,620	39,777	(4,397)	104.9%	C. Samko	Deficiency in this project will be covered by funds that are recovered once POs are closed out and project to be closed.
2018	7101851321	Public Art-Century St. Parquet	150,000	-	-	150,000	0.0%	K. Coit	Initial consultation planned for Q4-2019.
2018	7101858812	Public Art - Downtown	936,350	59,197	38,881	838,272	10.5%	K. Coit	Utility Box Wrap project to be completed October 2019.
2018	7101858813	Public Art - Waterdown Memorial Art Project	75,000	198	-	74,802	0.3%	K. Coit	Call for artists issued. Award anticipated in Q4-2019
2018	7201841802	Steam Museum Keefer Steps	95,000	-	88,721	6,280	93.4%	C. Samko	Work has been awarded for the first phase and work is scheduled to be completed for this phase Q4-2019.
2018	7201841803	St. Mark's Interior Restoration	1,740,000	-	-	1,740,000	0.0%	C. Samko	St. Mark's Restoration Phase 2 drawings are completed. Procurement stage is delayed due to requirements from Site Plan Approval process. Estimated to be resolved by October 2019. Once the Site Plan Approval and building permit is cleared, procurement will begin.
2018	7201841804	Children's Museum Expansion-Exhibits	710,000	42,625	6,417	660,958	6.9%	C. Samko	Public consultation has been completed for the Children's Museum exhibit design project. The next phase is to use the findings to design the exhibits for the museum. Design work anticipated to begin Q4-2019. Project working with same like project 7201555501 (Children's Museum Feasibility Study).
2018	7201841805	Dundurn Small Dining Room Conservation	108,400	-	93,500	14,900	86.3%	C. Samko	Plaster work is underway and will be completed by the end of Q4-2019.
2018	7201841807	2018 Whitehern Hall Conservation	121,950	-	-	121,950	0.0%	C. Samko	Wallpaper and paint in Library underway. Library collection conservation underway. Work completed Q4-2019.
2018	7201858801	Hamilton Music Strategy	49,150	11,973	27,434	9,743	80.2%	P. Tombs	Music economic impact study in progress. Live music venue study in progress with anticipated completion Q4-2019.
2018	7201858802	Art and Monuments	110,000	1,485	32,437	76,078	30.8%	C. Samko	Project Manager was hired in Q1-2019. Work plan has been developed and procurement of service has begun. Work to continue until end of Q4-2019. Project working with same like project 7201758700 (2017 Art & Monuments Restoration).

City of Hamilton Capital Projects Status Report - Excluding Public Works
 As of September 30, 2019

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2019	7101958900	Mount Hope Gateway	282,000	-	-	282,000	0.0%	K. Coit	Project to tender Q4-2019. Construction in Q2/3-2020.
2019	7201941902	Battlefield Park Bridge Replacement	500,000	11,120	31,154	457,726	8.5%	C. Samko	Working with Public Works to do environmental and wildlife assessment in preparation for design stage. These reports will take all of 2019 to complete. Design work is continuing with construction estimated for 2021.
2019	7201941903	Gage House Porch & Exterior Cladding	514,300	-	-	514,300	0.0%	C. Samko	Project entering procurement stage in Q3-2019. Estimated time of construction Q4 2019.
2019	7201941905	Coachouse Interior Improvements	92,000	6,980	11,192	73,828	19.8%	C. Samko	Drawings and Specifications are complete and the contract for this work will be awarded by Q4 2019. Construction to begin early Q1 2020, pending building permit.
2019	7201958904	Steam Museum Landscape Restoration	122,000	-	-	122,000	0.0%	C. Samko	Steam Museum landscape drawings 75% completed. Adjacent construction at 900 Woodward is creating complications regarding access to the museum landscape. Implementation of the plans to be delayed until waterworks construction is completed. Estimated start of work Q2-2021.
Sub-Total Cultural Operations Program			14,887,063	6,172,893	818,435	7,895,735	47.0%		
TOTAL PLANNING & ECONOMIC DEVELOPMENT			477,734,438	251,975,481	12,978,957	212,779,999	55.5%		



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

TO:	Chair and Members Capital Projects Work-in-Progress Sub-Committee
COMMITTEE DATE:	January 27, 2020
SUBJECT/REPORT NO:	Public Works - Capital Projects Status Report as of September 30, 2019 (FCS19077(a)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Tran Trang (905) 546-2424 Ext. 4371 Duncan Robertson (905) 546-2424 Ext. 4744
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

RECOMMENDATION(S)

- (a) That the Capital Projects Status Report, Public Works Tax Supported Projects, as of September 30, 2019, attached as Appendix "A" to Report FCS19077(a), be received;
- (b) That the Capital Projects Status Report, Public Works Rate Supported Projects, as of September 30, 2019, attached as Appendix "B" to Report FCS19077(a), be received.

EXECUTIVE SUMMARY

Report FCS19077(a) presents the status of capital projects for the Public Works Tax and Rate Supported Capital Budget and is based on forecasted and committed expenditures to September 30, 2019.

Appendix "A" to Report FCS19077(a) reflects the status of the Public Works Tax Supported Projects totalling \$1.1 B of which \$799.1 M or 73.0% is spent or committed as of September 30, 2019.

Appendix "B" to Report FCS19077(a) reflects the status of the Public Works Rate Supported Projects and consists of projects totalling \$1.1 B of which \$845.9 M or 79.1% is spent or committed as of September 30, 2019.

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

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

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

**SUBJECT: Public Works - Capital Projects Status Report as of
September 30, 2019 (FCS19077(a)) (City Wide) – Page 2 of 4**

The Table 1 shows the trend, over the last four years, in project completion percentage.

**Table 1
Percentage of Completion Comparison as of September 30**

	2019	2018	2017	2016
Tax Supported Program	73.0%	73.1%	76.1%	82.4%
Rate Supported Program	79.1%	77.7%	93.3%	81.5%

Alternatives for Consideration – Not Applicable

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: N/A

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

The Capital Status and Capital Project Closing reports are submitted to City Council three times a year as of June 30, September 30 and December 31.

On July 10, 2015, Council approved changes to the City's Capital Project Monitoring Policy (Report FCS14031). Previously, staff reported on the status of the Capital Work-in-Progress projects to their respective Standing Committees. The amended Policy has staff submit the Status of the Capital Work-in-Progress projects to the Capital Projects Work-in-Progress Sub-Committee.

Previously, on December 14, 2011, Council approved Report FCS11073(a) which directed staff to review the Capital Projects Status and Closing process and that a process where departments report to their respective Standing Committees on the status of the Capital Work-in-Progress projects be implemented. Finance staff finalized a procedure and provided departments with templates to commence Standing Committee reporting for the June 30, 2013 reporting period. Reports are brought forth to Standing Committees three times per reporting year, as of June 30, September 30 and December 31. This allows Standing Committees to review the status of a fewer number of projects, in greater detail, applicable to their area of oversight.

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**SUBJECT: Public Works - Capital Projects Status Report as of
September 30, 2019 (FCS19077(a)) (City Wide) – Page 3 of 4**

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

Report FCS19077(a) meets the requirements of the Capital Project Monitoring Policy and Capital Projects Closing Policy including:

- That a Capital Projects Status report be submitted to Capital Projects Work-in-Progress Sub-Committee three times a year as of June 30, September 30 and December 31.

RELEVANT CONSULTATION

All Capital Project managers within Public Works have been consulted on the status of their projects.

ANALYSIS AND RATIONALE FOR RECOMMENDATION(S)

Council approved that capital projects are reviewed in accordance with the City's approved Capital Projects' Monitoring Policy (Report FCS14031). For each variance report, staff determines if projects can be closed and also monitors financial activity to ensure that Council is aware of any capital projects which deviate significantly from approved budgeted amounts.

The purpose of the Capital Projects Status Report is to provide a framework to ensure clarity, transparency and accountability over Capital Projects by placing staff accountable for mitigating cost overruns, ensuring that Capital Projects are completed in a timely matter and encouraging detailed, accurate and consistent reporting on the status and timely closure of Capital Projects.

The financial information in Report FCS19077(a) is based on spending to September 30, 2019.

ALTERNATIVES FOR CONSIDERATION

Not applicable.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement and Participation

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

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**SUBJECT: Public Works - Capital Projects Status Report as of
September 30, 2019 (FCS19077(a)) (City Wide) – Page 4 of 4**

Economic Prosperity and Growth

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

Built Environment and Infrastructure

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

Our People and Performance

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

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” to Report FCS19077(a) – Capital Projects Status Report – Public Works – Tax Supported Projects as of September 30, 2019

Appendix “B” to Report FCS19077(a) – Capital Projects Status Report – Public Works – Rate Supported Projects as of September 30, 2019.

TT/dt

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
 As of September 30, 2019**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
Pan-Am Games									
2011	3621154100	Pan Am Games - Ivor Wynne	148,270,297	147,714,895	113,816	441,587	99.7%	C. Ippolito	Final works to be completed by Q3 2020 weather permitting.
Total Pan-Am			148,270,297	147,714,895	113,816	441,587	99.7%		
Parks & Cemetery									
2015	4401549002	Marina Pier&Dock Repair-Replc	252,100	226,925	25,344	(169)	100.1%	A. McDonald	Floating structure review ongoing, funding commitment is for complete structural modifications to address water level fluctuations, to be completed Q4 2019.
2015	4241509110*	Victoria Park - Resurface Splash Pad	140,000	-	-	140,000	0.0%	A. McDonald	Archaeology study in Q4 2019 to determine restrictions and future study requirements for spray pad and outdoor pool.
2016	4401649102	Sports Field Rehab Program	65,000	69,353	22	(4,375)	106.7%	A. McDonald	Project complete. PO closure pending appropriation to fund project deficit from 4401949107 (Park Fencing Program) pending. Project closure expected in Q4 2019.
2017	4401749104	Security Lighting Program	69,700	3,594	-	66,106	5.2%	A. McDonald	LED upgrades and replacements to park lighting completed in Q3 2019, specifically Bayfront Parking Lot. Project closure Q4 2019.
2017	4401749107	Park Fencing Program	98,200	98,533	5	(338)	100.3%	A. McDonald	Project complete. PO closure pending and journal to fund deficit from 4401949107 (Park Fencing Program) pending. Project closure Q4 2019.
2017	4401751700	2017 Small Equipment Replace	102,200	44,100	25,983	32,118	68.6%	S. Williams	Will be fully spent by end of Q4 2019. Small Equip inventory and replacement program underway. Project closure Q4 2019.
2017	4241709114*	Victoria Park Lighting	160,000	-	97,889	62,111	61.2%	A. McDonald	Lighting study under review to add Security Lighting along South pathway to be completed Q4 2019
2018	4401841001	Cemetery Building Repairs	278,199	256,993	25,301	(4,095)	101.5%	A. McDonald	Mount Hamilton Cemetery building repairs in process, expected completion Q4 2019.
2018	4401849007	Cemetery Columbarium	50,000	21,460	28,540	-	100.0%	A. McDonald	Prepare area of paving & footings at Mount Hamilton Cemetery for future Columbarium in Q4 2019
2018	4401849101	Park Pathway Resurfacing	295,820	262,722	57,203	(24,104)	108.1%	A. McDonald	Project to include various park pathway replacements to be completed Q4 2019. Negative variance to be mitigated through PO closures or funded from 4401949101 (Park Pathway Resurfacing).
2018	4401849102	Waterfront (Bayfront) Trail	436,150	216,353	19,675	200,123	54.1%	A. McDonald	A portion of the trail has been repaired, high water levels have contributed to delays, remaining improvements to the floating bridge and trail raising from Princess point to Fishway to be completed Q2 2020.

Note: * Project is partially or fully funded from Area Rating (Wards 1 to 10, and 14) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
 As of September 30, 2019**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2018	4401849107	Park Fencing Program	133,650	40,517	113,935	(20,803)	115.6%	A. McDonald	Funds to be used for Baseball and Multi-use Court Fencing Repairs at various park sites in Q4 2019.
2018	4401849801	Monitoring & Repairs of the Escarpment & Waterfront	65,000	23,871	4,728	36,401	44.0%	A. McDonald / K. Bunn	In review of the environmental conditions of the trail, it has been identified as a larger project to be transferred to the Landscape Architectural Services workplan. 2020 Capital Budget sheet submitted for consideration to facilitate the larger study.
2018	4401849802	Heritage Green Maintenance building	263,900	222,581	4,369	36,950	86.0%	A. McDonald / K. Bunn	Project complete, pending final invoice payment and PO closure.
2018	4401851700	Small Equipment Replacement	75,000	49,343	31,908	(6,251)	108.3%	S. Williams	Inventory completed and purchases underway. Negative variance will be mitigated through PO closures or funded from 4401951700 (2018 Small Equipment Replacement).
2018	4401852100	CSA Safety Material Replacement	145,000	130,234	6,503	8,263	94.3%	A. McDonald	Wood Fibre supply and install continuing through numerous sites in Q4 of 2019.
2018	4401855800	QC CA Material Testing	10,000	153	9,850	(3)	100.0%	A. McDonald	Unusually wet spring construction season has delayed the work and invoicing. Testing to proceed in Q4 2019
2018	4401855802	Confederation Beach Shoreline Replacement	875,000	153,811	577,026	144,163	83.5%	A. McDonald	Work to continue into Q4 2019, timing subject to lake levels that have caused delays for repairs at 4 sites at Confed Beach Pk.
2018	4241809103*	Cootes Floating Bridge	45,000	5,742	500	38,758	13.9%	A. McDonald	Bridge repair at Fishing Pier to be completed Q2 2020 (delayed due to high water levels) work to be coordinated with other trail initiatives.
2018	4241809302*	Birge Park	175,000	173,164	4,000	(2,164)	101.2%	A. McDonald	Project complete. PO closure pending. Will close in Q4 2019.
2019	4401911601	Cemetery Roads Rehabilitation Program	127,900	10,980	81,320	35,600	72.2%	A. McDonald	Partial funding reallocated to Mount Hamilton Building repairs. Available funds to be combined with 2020 funding for Woodlands and Mount Hamilton Cemetery asphalt road repaving.
2019	4401941001	Cemetery Building Repairs	115,000	298	44,293	70,409	38.8%	A. McDonald	Mount Hamilton Cemetery building repairs, expected completion Q4 2019.
2019	4401949007	Cemetery Columbarium	70,000	-	26,625	43,375	38.0%	A. McDonald	Prepare area of paving & footings at Mount Hamilton Cemetery for future Columbarium is completed. Remaining funds to be combined with 2020 funding for new columbarium units.
2019	4401949101	Park Pathway Resurfacing	215,000	91,285	100,563	23,152	89.2%	A. McDonald	Park pathway work on numerous sites to be completed Q4 2019, continuing including to increase accessibility to playgrounds and pathway replacement.
2019	4401949104	Security Lighting Program	60,000	6,859	7,980	45,161	24.7%	A. McDonald	Review and replacement of select failing park pedestrian lighting that is in need of replacement at various locations. Completed Q4-2019

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2019	4401949107	Park Fencing Program	118,000	3,770	100,000	14,230	87.9%	A. McDonald	Ongoing fencing work, to be completed in Q4 2019.

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2019	4401949504	Parkland Id & Way Finding Signage	20,000	-	20,000	-	100.0%	A. McDonald	The addition of new signage, or address sign inserts to parks without signage. To be closed Q4 2019 pending installation and invoicing.
2019	4401949510	Spraypad Infrastructure Rehab	166,300	-	-	166,300	0.0%	A. McDonald	Investigate and perform other spray pad improvements to be completed Q2 2020.
2019	4401951601	Equipment Acquisitions - DC	247,000	83,582	-	163,418	33.8%	S. Williams	2019 DC funded projects include the remainder of the beach rake, and two additional mowers - one for Wm Connell and an upgrade from an AR5 mower to a 16' mower in Parks East. Timing depends on procurement process with fleet for mowers.
2019	4401951700	Small Equipment Replacement	80,000	-	-	80,000	0.0%	S. Williams	Funds to be used for 2020 small equipment program.
2019	4401951903	Confederation Beach Pk-Capital Maintenance	175,000	-	175,000	-	100.0%	A. Byrne	HCA lead; funds are for capital and major maintenance required at Confederation Park. Anticipated completion by Q4-2019.
2019	4401952100	CSA Safety Material Replacement	173,900	9,733	128,610	35,557	79.6%	A. McDonald	Wood Fibre supply and install and play structure site preparation continuing through numerous sites in Q2 of 2020.
2019	4401952600	Playground Lifecycle Replacement Program	637,600	70,001	53,628	513,971	19.4%	A. McDonald	Play structure replacements at Corktown, Churchill, Bobby Kerr, Captain Cornelius, and Rockview Summit parks, to be completed Q2 2020. Bayview West play structure replacement completed.
2019	4401954699	Tennis & Multi-use Court Rehabilitation	100,000	38,707	120,788	(59,494)	159.5%	A. McDonald	Improvements for Millgrove Park and Carlisle Tennis courts, to be completed Q4 2019.
2019	4401955800	QC-CA-Parks & Cemetery Material Testing	10,000	-	-	10,000	0.0%	A. McDonald	To fund testing in Q4 2019-Q4 2020.
2019	4401955901	Memorial Pk Storm Water Management Study	90,000	-	-	90,000	0.0%	A. McDonald	Review of Waterdown Memorial Park drainage and mitigation options Q2-2020
2019	4401956001	Leash free Dog Park Program	80,000	32,944	-	47,056	41.2%	A. McDonald	Review for underserviced Wards, drainage improvements to Borers Dog Park and Heritage Green Dog Park, completed Q2-2020
2019	4241909204*	W2 Metal Containers	400	-	-	400	0.0%	A.Byrne	Additional metal garbage cans to be acquired and added to the Ward 2 parks. To be completed Q4 2019.
2019	4241909210*	Corktown Neighbourhood Play Equipment	60,000	-	-	60,000	0.0%	A.McDonald	A life cycle replacement of the play structure to be completed Q2 2020.
2019	4241909401*	Kenilworth Stairs Fountain	45,000	26,081	1,620	17,299	61.6%	A.McDonald	Project complete. PO closure pending. Will close in Q4 2019.
Total Parks & Cemetery			6,326,019	2,373,688	1,893,208	2,059,124	67.4%		

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Forestry & Horticulture

2011	4451153001	Emerald Ash Borer Plan	16,976,631	13,039,910	578,290	3,358,432	80.2%	S. Scarlett	Multi-yr program. 10-yr removal and replanting strategy. Additional funds to this project ID until 2022 and expenditures of the 10-yr life of the program will be as approved by Council
2014	4451451004	Gage Park Tropical House	5,671,500	5,596,452	77,442	(2,394)	100.0%	S. Scarlett	Construction complete. Capital Project ID to remain open during warranty/ commission phase
2015	4241509678*	Mountain Brow Vista Study Plan	278,000	132,050	83,530	62,420	77.5%	M. Monaghan	Procurement complete with work taking place in October 2019. Anticipated project completion by end of Q4.
2016	4241609507*	Tree Planting Ward 5	400,000	293,142	2,941	103,917	74.0%	S. Scarlett	Remaining funds will be committed in 2020 for ongoing tree planting projects.
2017	4451751700	2017 Small Equipment Replace	60,000	49,473	9,105	1,422	97.6%	S. Scarlett	Year 3 of 3 for replacing small equipment for Forestry & Hort. Funds will be 100% spent in 2019. Project closure Q 4 2019.
2017	4451753444	Tree Planting Program	2,001,020	1,675,177	211,610	114,232	94.3%	S. Scarlett	Project ongoing. Funds committed and project will be closed by end of Q4 2019.
2018	4451853444	Tree Planting Program	1,310,000	848,466	425,298	36,236	97.2%	S. Scarlett	Project ongoing. Funds committed and project will be closed by end of Q4 2019.
2018	4451853701	Gypsy Moth Monitoring	2,500,000	2,504,206	2,102	(6,307)	100.3%	S. Scarlett / C. Gibbons	Journal to fund overallocation in process. Project closure Q4 2019.
2019	4451953444	Tree Planting Program	1,423,500	505,679	142,073	775,748	45.5%	S. Scarlett	Current year project, ongoing.
2019	4241909209*	Beasley and Central Trees	75,000	-	-	75,000	0.0%	S. Scarlett	Feasibility study from Engineering determined the proposed planting location identified through the public consultation process was not possible. Staff working identify suitable alternative locations.
2019	4241909214*	Hanging Baskets	6,000	-	-	6,000	0.0%	S. Scarlett	Identifying locations for Spring 2020 installation.
2019	4241909217*	Central Planters	12,600	-	-	12,600	0.0%	S. Scarlett	Identifying locations for Spring 2020 installation.
Total Forestry & Horticulture			30,714,251	24,644,555	1,532,389	4,537,307	85.2%		

Waste Management

2009	5120991101	Glanbrook Landfill-Stage 3 Development	6,800,000	6,460,986	348,555	(9,541)	100.1%	R. Conley	Consulting with legal department about substantial completion. All major construction and warranty issues have been addressed.
2012	5121241200	Accommodation Updates	200,000	107,428	5,732	86,840	56.6%	R. Ellis	Funds will be committed and spent by year end 2020 with upcoming leasehold-related moves

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2012	5121290111	Leaf&Yard Composting Facility Relocation	200,000	120,937	1,160	77,903	61.0%	R. Conley	Reviewing draft report outlining options for the relocation of the LYW pad to accommodate future growth. Anticipated completion Q1 2020.
2014	5121449002	CCF Air Handling-Odour Control	1,246,000	335,330	-	910,670	26.9%	C. McCausland	Infrastructure upgrades required based on ECA negotiations with the MECP in 2020.
2014	5121490411	MRF Remediation	210,000	116,196	85,814	7,990	96.2%	C. McCausland	Finalizing Record of Site Condition work with Consultant. Once draft report is completed the RSC will be submitted for approval to the MECP.
2015	5121594511	Transfer Stn & CRC Expansion	350,000	73,926	-	276,074	21.1%	C. McCausland	Staff are updating the 2016 capacity report of the current Community Recycling Centres and Transfer Stations in Q4 2019
2016	5121651602	New Driver/Vehicle Technology	100,000	33,756	-	66,244	33.8%	J. McCormick	Funds to be used for route optimization software. Tender/RFP to be issued Q1 2020 and funds to be committed in Q2 2020. Delay due to staffing resources.
2016	5121655610	2020 Waste System Planning	725,001	323,101	183,565	218,334	69.9%	C. McCausland	Funds being used for Collection RFP, CCF RFP, best practice reviews and consulting work. RFP awards will be in 2020.
2016	5121695525	SWMMP - Planning & Approvals Program	90,000	31,184	-	58,816	34.6%	C. McCausland	Funds to be used as part of SWMMP update taking place in Q4 2019 and 2020.
2017	5121795525	SWMMP- Planning&Approvals Program	120,000	3,852	-	116,148	3.2%	C. McCausland	Funds to be used as part of SWMMP update taking place in Q4 2019 and 2020.
2018	5121849800	CCF Air Handling Upgrades	1,700,000	146,692	12,828	1,540,480	9.4%	C. McCausland	Building modifications and equipment are being evaluated and negotiated as ECA amendments with the MECP. It is estimated that funds will be committed in 2020. Funds will be used to help fund infrastructure upgrades to increase processing capacity at the CCF.
2018	5121855137	Waste Management R & D Program	230,000	(2,858)	78,492	154,367	32.9%	C. McCausland	Funds to cover Public Space and Visual Audits, single use plastics strategy, and outreach initiatives related to bylaw update.
2018	5121890200	Diversion Container Replacement	870,000	764,289	-	105,711	87.8%	J. McCormick	Reappropriation to transfer to 5121990200 in progress. Project closure Q4 2019.
2018	5121890700	Public Space & Special Event Containers	311,000	229,647	60,949	20,404	93.4%	J. McCormick	Reappropriation to transfer to 5121990700 in progress. Project closure Q4 2019.
2018	5121891000	Glanbrook Landfill Capital Improvement Program	330,000	135,877	133,365	60,758	81.6%	R. Conley	Glanbrook Landfill Stage 4 approvals work with NPCA, DFO, MECP is underway. This work is ongoing and expected be completed by Q1 of 2020.

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2018	5121892000	Closed Landfill Maintenance & Capital Improvement	456,000	87,817	79,546	288,637	36.7%	C. McCausland	Contracts for leachate system flushing, gas well decommissioning and new well installation should be awarded by year-end
2018	5121894000	Transfer Station/CRC Maintenance & Improvement Program	205,000	130,338	6,700	67,963	66.8%	J. McCormick	Funds to cover concrete floor replacement in 2 transfer stations, staff to tender out work in Q4 2019/Q1 2020
2018	5121895525	SWMMP Approvals	150,000	-	-	150,000	0.0%	E. Prpic	Funds will be used in 2020 / 2021 on recommendations from the updated Master Plan coming forward in Q2 2020.
2019	5121949003	CCF Lifecycle Replacement	500,000	-	-	500,000	0.0%	C. McCausland	PO issued for SCADA replacement
2019	5121951900	WasteCollectionEquip-DwntwnBIA	165,000	-	-	165,000	0.0%	J. McCormick	Staff tested alternative equipment for the DTCP for enhanced efficiency. Staff are evaluating path forward which will result in the purchase of equipment. Procure equipment in Q4 2019/Q1 2020
2019	5121955137	Waste Management R&D	125,000	-	-	125,000	0.0%	E. Prpic	Funds to cover Public Space and Visual Audits, single use plastics strategy, and outreach initiatives related to bylaw update.
2019	5121990200	Diversion Container Replacement	913,500	32,971	757,745	122,784	86.6%	J. McCormick	For the supply of diversion containers including green carts and blue boxes. Anticipate all funds will be committed or spent in 2020.
2019	5121990700	Public Space & Special Event Containers	120,000	-	-	120,000	0.0%	J. McCormick	Funds to be used to supply inventory for 2019/2020.
2019	5121990900	Cigarette Litter Preventn Prog	65,000	34,736	465	29,799	54.2%	J. McCormick	Funds to be used to supply pocket ashtrays and wraps. Expect to be fully spent by Q1 2020.
2019	5121990901	Cigarette Butt Receptacle	50,000	8,947	-	41,053	17.9%	J. McCormick	Funds used to purchase receptacles for cigarette litter pilot. Remaining funds to be used to purchase additional receptacles following the result of the pilot by end of 2020
2019	5121991000	Glanbrook Landfill Capital Improvement Program	418,000	86,395	3,184	328,420	21.4%	R. Conley	This project includes assessing and expanding the L&YW composting area adjacent to the Glanbrook landfill. It is also for planning and designing the relocation an existing creek to prepare for waste receipt in Stage 4. Work has begun in 2019 and will continue through 2020

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2019	5121992000	Closed Landfill Maintenance & Capital Improvement	357,700	-	-	357,700	0.0%	C. McCausland	Funds to be appropriated to Parkside Cemetery 4402049004.
2019	5121993000	Maintenance & Capital Improvements to the Resource Recovery Centre (RRC) Program	278,000	166,507	44,321	67,171	75.8%	C. McCausland	Remaining funds will be used to update security cameras on site. Funds expected to be spent by Q4 2019.
2019	5121994000	Transfer Station/CRC Maintenance & Improvement Program	268,000	31,541	-	236,459	11.8%	J. McCormick	CRCs are being assessed in Q4 2019/Q1 2020, funds will cover infrastructure upgrades as a result of that assessment
2019	5121994920	Environmental Services Legislative Compliance Program	185,000	72,606	-	112,394	39.2%	A. Storey	Funds for Compliance and legislative programs related to waste diversion and tonnage. Will be fully committed and spent by year end.
Total Waste Management			17,738,201	9,532,200	1,802,421	6,403,579	63.9%		

Open Space Development

2007	4400756755	Joe Sams Park Phase 2 Development	3,665,000	3,631,115	66,463	(32,578)	100.9%	C. Graham	Project under warranty. Future work for pathway connection.
2008	4400856600	Olmstead Natural Open Space	1,374,600	1,331,709	28,337	14,554	98.9%	C. Graham	Monitoring ongoing for prairie establishment. In co-ordination with 4401956600 (Olmstead Open Space-Monitoring).
2010	4401056060	Open Space Replacement Strategy - East Mountain Trail	1,536,000	1,242,300	17,441	276,258	82.0%	C. Graham	Mud street to Pritchard portion substantially complete. Future work at Highland road through developer-build arrangement anticipated in 2019/2020.
2010	4401056090	Johnson Tew Park	1,345,200	1,306,798	43,962	(5,559)	100.4%	C. Graham	Park minor deficiencies and final payments outstanding. 2019 funds for tree planting of arboretum.
2010	4401056002*	The Gore Master Plan	3,639,454	3,513,360	-	126,095	96.5%	C. Graham	WIP 2020 \$126K to 4402056918 Beasley Park Rehab ph 2 as part of 2020 capital budget process.
2010	4401056127*	Churchill Park-Soccer Field & MP	2,378,690	1,202,293	394,248	782,149	67.1%	C. Graham	Phase 1 substantially complete. Future phases and deficiency/holdback reconciliation.
2012	4401256126	Shaver Neighbourhood Park Development	1,877,067	1,637,110	104,231	135,727	92.8%	C. Graham	Planting of trees and seeding anticipated in spring 2020. Pending final completion.
2012	4401256520	Gage Park Redevelopment - Walkway Lighting and Paving	3,173,416	2,814,177	113,913	245,326	92.3%	C. Graham	Rose Garden Path complete, and sign replacement anticipated by end of October 2019. Multi-year project with future phases.

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2012	4401256801	Green Millen Shore Estates Waterfront	778,000	704,480	1,770	71,750	90.8%	C. Graham	Final payments pending to developer for construction of trail.
2012	5181260214	Parkside/Kipling, Stormwater	1,500,000	1,365,490	-	134,510	91.0%	C. Graham	Rain garden project complete, with deficiencies outstanding. Pending final payments and holdback release, and future project work.
2013	4401356107	Cherry Beach Lakefront Park	3,162,100	2,854,325	245,975	61,800	98.0%	C. Graham	Confirmation of completion of DFO permit requirements ongoing.
2013	4401356124	William Connell Community Park	5,830,000	5,188,419	700,977	(59,396)	101.0%	C. Graham	Deficiency correction work to be started in October 2019, and likely continuing into 2020.
2013	4401356541	Borers Creek Trail Link	774,000	780,301	12,542	(18,843)	102.4%	C. Graham	Project complete and PO will be closed in Q4 2019.
2013	4401356801	Confederation Park - Sports Park Development	11,525,685	6,454,192	3,505,818	1,565,674	86.4%	C. Graham	Phase 1 sports park development underway, with anticipated completion in Q4 2019.
2013	4401356002*	Beasley Park Rehabilitation	2,232,008	2,106,198	50,427	75,383	96.6%	C. Graham	Some deficiencies to be addressed related to skateboard park surfacing and historic bowl feature. Future phase to close Kelly street and complete park redevelopment.
2014	4401456009	Mount Hope Park Redevelopment	1,716,030	1,625,730	73,774	16,526	99.0%	C. Graham	Project complete, with the exception of servicing. Additional work required to correct drainage at baseball and fitness area underway, with completion in Q4 2019. Pending deficiencies and holdback release.
2014	4401456102	2555 Creekside	300,905	95,856	-	205,049	31.9%	C. Graham	Playground work complete. Work required at the pavilion to fix tripping hazards related to the settling of base under paving stones.
2014	7101454405	255 Winona Rd-School Purchase	3,572,250	3,443,011	90,512	38,727	98.9%	C. Graham	Land acquired for future use to facilitate parkland development per the secondary plan.
2014	4241409341*	Pipeline Master Trail Plan	830,000	401,087	38,929	389,984	53.0%	C. Graham	Design of trail from Brampton to Grace underway. Design work to respond to new requirements from Hamilton Water due to watermain break. Encroachments require design consideration.
2014	4401456401*	Parkland - Stadium Precinct	12,418,475	9,284,998	274,295	2,859,182	77.0%	C. Graham	Public consultation and design development underway. Monitoring ongoing. Anticipate Risk assessment initiation in Q2 2020.
2015	4401556503	Heritage Green Sports Pk Ph II	1,445,600	956,809	53,562	435,229	69.9%	C. Graham	Road and trail design underway, however, cannot be finalized until programming of remaining spaces is confirmed. Anticipate tender in Q2 2020.
2015	4401556504	Trails Master Plan Update	373,300	345,742	5,951	21,607	94.2%	C. Graham	Trail initiatives evaluated every year for priority and future budgeting.

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2015	4401556506	Vincent Massey Park Development	624,000	571,745	-	52,255	91.6%	C. Graham	Work to fix drainage at the park ongoing, anticipated completion in Q4 2019, coordinated through Parks Operations.
2015	4401556510	Dundas Valley HS Soccer	281,400	31,478	-	249,922	11.2%	C. Graham	Pending invoice from school board, and/or other direction.
2015	4401556512	Glanbrook Hills Park	780,000	736,428	12,454	31,118	96.0%	C. Graham	Project complete, pending holdback release.
2015	4401556511*	Nash Orchard Park	18,646	10,367	-	8,279	55.6%	C. Graham	Pre-design work has been initiated. Future funds required for implementation. Requirement for area development to progress prior to park work.
2015	4401556514*	St Christopher's Park	230,000	98,868	66,703	64,428	72.0%	C. Graham	WIP 2020 \$61K to 4241409341 W4 Pipeline Trail
2016	4401649620	Confederation Park - Wild Waterworks - Creation of a Master Plan for the Waterpark - HCA Lead	200,000	163,356	38,804	(2,160)	101.1%	C. Graham	HCA Lead with Recreation staff support; Project is a Ward Councillor priority. Funds are for Waterpark improvements at the facility. Anticipated completion in 2020.
2016	4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,652,000	1,458,464	-	193,536	88.3%	C. Graham	2020 WIP \$193K 4402056918 Beasley Park Rehab ph 2.
2016	4401656605	Upper Stoney Creek Splash Pad #2	836,510	812,770	18,913	4,827	99.4%	C. Graham	Holdback release anticipated for Q4 2019.
2016	4401656802	Beach Park Development Program	100,000	20,000	-	80,000	20.0%	C. Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2016	4401656603*	Sam Lawrence Park	420,000	218,419	82,209	119,372	71.6%	C. Graham	Concept design and public engagement throughout 2019, with anticipated final proposal in Q2 2020.
2017	4401756402	Waterdown S Pk 2 (Agro Pk)	670,000	628,997	-	41,003	93.9%	C. Graham	WIP 2020 \$40K to 4402056002 Skinner Park Waterdown South Neighbourhood Park 1.
2017	4401756612	Up Country Ests Proposed Pk DB	567,000	71,004	495,313	683	99.9%	C. Graham	Renamed Cranberry Hill Park. Developer build. Outstanding deficiencies, to be completed in Q4 2019.
2017	4401756701	North Wentworth Pk Lands Exp	350,000	35,000	-	315,000	10.0%	C. Graham	Funds for acquisition of additional parkland at North Central Park (Mars Park), from Industrial subdivision development adjacent. Pending payment.
2017	4401756702	Fallen Firefighter's Memorial	125,000	44,364	53,467	27,169	78.3%	C. Graham	Detailed design work underway for location at Gage Park. Multi-year project.

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2017	4401756703	Mountain Brow Path	241,000	177,429	29,570	34,001	85.9%	C. Graham	Masterplan is complete. Previous comment in error - Future works to implement. Detailed design work for first phase anticipated in 2019.
2017	4401756704	RE1700 - Fruitland Winona	8,652,950	8,639,993	2,729	10,227	99.9%	C. Graham	Acquisitions for future community park ongoing. Due diligence studies ongoing.
2017	4401756710	Valley Prk-Skateboard Prk	100,000	136	-	99,864	0.1%	C. Graham	Public consultation is ongoing. Future funds for construction required.
2017	4401756718	Ancaster Meadows Pk (Proposed)	720,000	463,691	251,889	4,421	99.4%	C. Graham	Construction complete with final finishes outstanding. Pending deficiency review and holdback release.
2017	4401756802	Beach Park Dev Program	100,000	-	-	100,000	0.0%	C. Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2017	4401756824	William Connell Community Park	950,000	707,615	434,442	(192,057)	120.2%	C. Graham	Deficiency correction work to be started in October 2019, and likely continuing into 2020.
2017	4401756706*	Roxborough Park ReDev & Design	91,000	50,782	27,588	12,631	86.1%	C. Graham	Public consultation has taken place, and work underway on detailed design. Timing of construction pending coordination with the development and determination of funding source.
2017	4401756907*	Century Street Park	330,000	42,749	-	287,251	13.0%	C. Graham	Project tendered and awarded. Construction anticipated for Q4 2019 and into 2020.
2018	4401855600	Parks Testing and Reporting	58,200	58,209	1,359	(1,368)	102.4%	C. Graham	PO and project to be closed in Q4 2019.
2018	4401855801	Emergency Shoreline Study	340,000	198,578	80,226	61,197	82.0%	C. Graham	Shoreline study to recommend future works related to protection of City of Hamilton shoreline, per Item 8 of PW report 18-006. Report to Public Works committee in November 2019.
2018	4401856127	Churchill Park Phase 2	50,000	10,631	-	39,369	21.3%	C. Graham	Phase 2 design work underway. HCA, NEC permits required prior to construction. Public consultation in fall 2019 for prioritization of projects. Future construction funding required.
2018	4401856300	Parkside Hills	193,355	97,375	-	95,980	50.4%	C. Graham	Land exchange still pending. City does not yet own full extent of the property. Preliminary design work started, however, cannot proceed until land ownership is confirmed.
2018	4401856601	Legislated Monitoring	97,900	24,909	23,101	49,890	49.0%	C. Graham	Ongoing project to fulfill monitoring requirements for park construction, including species at risk. Overseen by Parks Operations. Ongoing project.
2018	4401856802	Beach Park Development	100,000	35,000	-	65,000	35.0%	C. Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2018	4401856803	RHV Trails Mstr Plan The Nest	300,000	63,782	-	236,218	21.3%	C. Graham	The third of the Gathering Places as part of the Red Hill Valley Project. Pending JSB, HCA and NEC approvals. Design to commence in Q4 2019 or early 2020.

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2018	4401856804	Highbury Meadows North Park	80,000	17,008	-	62,992	21.3%	C. Graham	Development of area not advanced. Design anticipated for 2020 with construction in future years.
2018	4401856805	Cline Park Redevelopment	60,000	41,471	8,719	9,810	83.6%	C. Graham	Design work and consultation complete. 2020 budget request for construction.
2018	4401856806	BookjansW PropPrk-AncasterGlen	570,000	153,904	410,571	5,524	99.0%	C. Graham	Construction complete with deficiencies outstanding and holdback pending.
2018	4401856812	Spencer Creek Estates (14)	60,000	12,756	4,719	42,525	29.1%	C. Graham	Consultation complete and detailed design underway. Construction funding request in 2020.
2018	4401856813	Chedoke Falls Viewing Study	60,000	55,312	1,680	3,008	95.0%	C. Graham	Environmental studies underway in 2019 due to NEC and HCA permit requirements. Future funds for construction required.
2018	4401856815	Caterini Park (Binbrook)	477,000	407,044	68,890	1,066	99.8%	C. Graham	Construction mostly complete, but deficiencies remain. Pending final payments.
2018	4401856817	Fifty Road Parkette Redev	700,000	160,591	8,608	530,801	24.2%	C. Graham	WIP 2020 \$176K to 4401856819 Albion Falls - Waterfalls Viewing WIP 2020 \$176K to 4401858800 Skatepark Facility - Recreation study implementation WIP 2020 \$176K to 4401956934 Chedoke Falls Viewing Implementation. Project is funded from 4401956930 Citywide shoreline protection per DMAF program.
2018	4401856819	Waterfalls Viewing	362,500	212,155	134,848	15,497	95.7%	C. Graham	Design of south viewing platform for Albion Falls to address health and safety concerns. Design work ongoing in 2019 and public consultation scheduled in Q4 2019. Future funds required for construction. NEC, MNR, and HCA approvals anticipated.
2018	4401856820	Waterford Park	241,550	12,513	108,668	120,369	50.2%	C. Graham	Masterplan and public consultation are complete. Detailed design work underway. Future funds for construction requested in 2020.
2018	4401856910	John St N & Rebecca Land Acq	1,550,000	445,391	347,144	757,465	51.1%	C. Graham	Payment and remediation for lands required for future park development.
2018	4401858800	Skatepark Facility - Rec Study	227,000	106,206	15,092	105,703	53.4%	C. Graham	Public consultation is ongoing. Future funds for construction required.
2018	4411806201	Central Park Redevelopment	1,647,000	350,167	-	1,296,833	21.3%	C. Graham	Detailed design for redevelopment of park. Pending final grades from capping and infrastructure project. Soil stockpiling for capping complete. Overseen by Waterfront Development Office.
2018	4241809102*	Victoria Park Com Gardens	145,000	4,983	118,801	21,216	85.4%	C. Graham	Construction underway with completion estimated for Q4 2019.
2018	4241809401*	Crown Point East Parkette	377,880	369,260	8,473	147	100.0%	C. Graham	Parkette is substantially complete. Pending holdback release and deficiencies.

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2018	4241809801*	GarthReservoir-WllmConnell Prk	200,000	87,214	78,353	34,433	82.8%	C. Graham	Detailed design of Phase 1 - toboggan hill to be completed this summer, to be ready for tender when funds are available for construction.
2018	4401856615*	John St N Rebecca Master Plan	3,257,600	1,044,046	2,186,677	26,877	99.2%	C. Graham	Project under construction with anticipated completion date of November 2019.
2018	4401856811*	Cross of Lorraine-Restoration	10,000	-	-	10,000	0.0%	C. Graham	Investigating the restoration of the lighted feature. Ongoing program.
2018	4401856900*	Bruce Park Spraypad	670,000	567,028	60,599	42,373	93.7%	C. Graham	Construction is complete. Pending final deficiencies and holdback release.
2019	4401955600	Parks Testing and Reporting	50,000	13,146	36,000	854	98.3%	C. Graham	Ongoing testing for LAS projects for quality control.
2019	4401956802	Beach Park Dev Program	100,000	10,000	-	90,000	10.0%	C. Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2019	4401956904	Andrew Warburton Memorial Park	150,000	29,136	120,818	46	100.0%	C. Graham	Redevelopment of existing park. Public consultation and design work in 2019. Future funds required for construction.
2019	4401956906	Gatesbury Park	89,000	17,287	57,563	14,150	84.1%	C. Graham	Additional amenities required at existing park. Public consultation in fall 2019, future funds required for construction.
2019	4401956912	Meadowlands Comm Park	65,000	19,640	37,010	8,350	87.2%	C. Graham	Spray pad required at existing park. Design and consultation in 2019, future funds required for construction.
2019	4401956922	Alexander Park Skate Park	532,000	103,335	-	428,665	19.4%	C. Graham	Design of skateboard park at this park. Design re-evaluated in context of other park changes. Detailed design and consultation in 2020. Future funds required for construction.
2019	4401956925	City Hall Peace Garden	90,000	17,482	-	72,518	19.4%	C. Graham	Upgrades to existing garden area for accessibility and beautification. Design consultation underway.
2019	4401956926	HAAA - Implementation of MP	171,000	33,215	-	137,785	19.4%	C. Graham	Public consultation process coordinated with other neighbourhood consultations. Future funds for construction required.
2019	4401956929	HRTMP Init7-1 LmrdrgeHydroTrail	138,000	33,331	9,988	94,681	31.4%	C. Graham	Studies and license agreements required with Hydro One for future trail development.
2019	4401956930	Citywide Shoreline Protection	30,950,000	44,087	258,870	30,647,043	1.0%	C. Graham	Work to investigate city shoreline conditions and propose design solutions ongoing. Coordinated with Emergency Shoreline works and DMAF project. Tender for 50 Road and Watercourse #4 closed and construction in 2019/2020.
2019	4401956932	HRTMP Init15-12 MtnBrowRdLnk	43,000	4,300	-	38,700	10.0%	C. Graham	Trail development in new subdivision in Waterdown South. Coordinated with developer process.
2019	4401956933	HRTMP Init15-7_Hwy5-MtnBrowLnk	613,000	119,069	43,028	450,903	26.4%	C. Graham	Design and construction of trail through Waterdown parks and open spaces.
2019	4401956934	Chedoke Falls Viewing Implmntn	291,000	72,505	88,795	129,700	55.4%	C. Graham	Environmental studies underway in 2019 due to NEC and HCA permit requirements. Future funds for construction required.

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2020	4401956600	Olmstead Open Space-Monitoring	50,000	9,712	-	40,288	19.4%	C. Graham	Monitoring ongoing for prairie establishment. In co-ordination with 4400856600.
2021	4401956902	Red Hill Phase 3 and 4 Park	650,000	65,000	-	585,000	10.0%	C. Graham	Developer-build neighbourhood park. timing dependent upon development timing. Anticipate construction in 2020. PDFA required.
2022	4401956903	StonechurchTrail Link @Dartnall	150,000	29,523	-	120,477	19.7%	C. Graham	Trail connection from Mt. Albion CA to Dartnall Road. Anticipate tender in Q4 2019 pending HCA permits, and construction in 2020.
2023	4401956910	Ancaster Soccer Improvements	350,000	80,093	24,395	245,512	29.9%	C. Graham	Improvements to existing Melissa Tancredi field. NEC permits required and not yet secured. Construction timing to be determined once permit in place to minimize disruption to field use.
2024	4401956921	Johnson Tew Planting	50,000	9,712	-	40,288	19.4%	C. Graham	Arboretum planting at park, coordinated with Forestry. Planting ongoing.
<u>Total Open Space Development</u>			129,854,271	72,515,265	11,680,203	45,658,803	64.8%		

West Harbour Strategic Initiatives

2012	5181206222	Setting Sail-Floating Breakwater	4,040,000	4,023,357	26,420	(9,777)	100.2%	G. Norman	Project complete. Will remain open until claims resolved likely early 2020.
2013	4901355303	Piers 5-8 Prkng&Traffic Study	100,000	95,493	-	4,507	95.5%	G. Norman	Project complete, pending PO closure – anticipated close next BER
2013	8201355880	Implementation of Setting Sail	461,750	455,748	6,270	(268)	100.1%	G. Norman	Project complete, pending PO closure – anticipated close next BER
2015	4411506103	Pier 8 Sanitary PS & Forcemain	14,850,000	712,416	11,419,973	2,717,611	81.7%	G. Norman	Under construction
2015	4411506104	West Harbour Draft Plan&Zoning	641,540	592,914	13,232	35,393	94.5%	G. Norman	This work is complete, except for updating the Noise Study to support the LPAT settlement.
2015	4411506105	Pier 5-7 Marina Reconstruction	8,785,000	9,320,237	191,648	(726,885)	108.3%	G. Norman	Project complete; Variance is made up of revenues expected from RYHC and HPA per finance agreements. RHYC has been invoiced. Expect invoice to HPA upon resolution of settlement.
2015	4411506106	Marina Services & Gas Dock	1,200,000	490,686	39,517	669,797	44.2%	G. Norman	Project underway ; consultant retained. Design being coordinated with Piers 5-7 design (HWT)
2015	4411506107	Pier5-7 Marina Shoreline Rehab	10,893,700	1,831,466	81,253	8,980,980	17.6%	G. Norman	Detailed design nearing completion; expect tender by end of 2019.
2015	4411506108	West Harbour RSC	1,633,900	1,649,408	1,749	(17,257)	101.1%	G. Norman	99% complete - final RA/RMP being reviewed by MECP (fourth submission)
2015	4411506109	West Harbour Site Remediation	2,182,000	907,851	293,593	980,556	55.1%	G. Norman	Demolition 100% complete; remediation complete; site prep complete save for fill import. 2020 WIP \$500K to 4412006105 Pier 8 - Utilities

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2015	4411506111	Bayfront Park Beach Study	300,000	229,298	101	70,601	76.5%	G. Norman	Next phase of study to examine alternative uses for the beach.
2015	4411506201	Central Park Master Plan	100,000	109,582	4,488	(14,070)	114.1%	G. Norman	Design complete. Variance to be resolved in 2020 with transfer from park construction account
2016	4411606001	CHH Site Servicing Study (Jamesville)	120,000	15,453	-	104,547	12.9%	G. Norman	Due-Diligence complete and CHH Board approved the Qualified Preferred Proponent on Sept, 24 2019. Contractual Negotiation stage commenced in Sept. 2019 and expected to be complete in Jan. 2020.
2016	4411606002	Real Estate Disposition Process	964,200	658,634	17,298	288,268	70.1%	G. Norman	DA negotiations on-going simultaneously with LPAT Hearing on 2019/11/22. Staff directed to market Piers 6&7 development blocks for sale to private sector; expected start Q1 2020 with closing by Q4 2020.
2016	4411606003	Community Engagement Imp.	460,000	234,446	51,205	174,348	62.1%	G. Norman	Program is on-going for community engagement activities throughout implementation of construction for Piers 5-8. WHD Sub-Committee approved plan (PED19191(a)) values at \$40k, for temp. animation of the Piers 6, 7 & 8 lands for Spring-Fall 2020.
2016	4411606004	Marketing Communication Imp.	450,000	105,893	13,078	331,029	26.4%	G. Norman	Program on-going and will support the construction projects on Piers 5-8, the real estate disposition of the Piers 6&7 lands.
2016	4411606101	Pier 6-8 Servicing Design	1,785,000	820,463	277,112	687,425	61.5%	G. Norman	Detailed design 100% complete; out for tender. Excess funds to be appropriated for surface works.
2016	4411606102	Pier 5-7 Boardwalk	3,344,300	284,721	41,803	3,017,775	9.8%	G. Norman	Detailed design nearing completion; expect tender by end of 2019.
2016	4411606103	Pier 6 Artisan Village (CAN150)	1,191,900	23,598	58,324	1,109,979	6.9%	G. Norman	Project underway by HWT
2016	4411606104	Pier 7 Commercial Village	3,095,100	94,938	157,996	2,842,166	8.2%	G. Norman	Detailed design nearing completion; expect tender in mid 2020.
2016	4411606105	Pier 8 Shorewall	16,495,000	10,596,395	6,426,576	(527,971)	103.2%	G. Norman	Under construction
2016	4411606106	Pier 8 Promenade	8,010,000	992,823	100,000	6,917,177	13.6%	G. Norman	Reissue RFPQ; ready for tender on Nov.1
2016	4411606111	Bayfront Park Beach Rehab	280,000	84,053	-	195,947	30.0%	G. Norman	Implementation on hold; alternative use options being considered.
2016	4411606201	Bar-Tiff Site Remediation	1,350,000	143,628	13,215	1,193,157	11.6%	G. Norman	Phase 1 ESA complete. Additional study (Phase 2) not being pursued. WIP \$1M to 4412006105 Pier 8 - Utilities
2016	4411606202	Bar-Tiff Site Servicing Study	180,000	32,362	-	147,638	18.0%	G. Norman	On-Hold pending outcome of the MOU process with identified Film Studio development partner.
2016	5121692001	Central Park Remediation	4,900,000	455,321	24,923	4,419,756	9.8%	G. Norman	RMMs to be refined through design prior to RFT; awaiting Council approval.

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2017	4411706101	Pier 6-8 Servicing Constrn	8,830,000	1,025,112	7,646,080	158,808	98.2%	G. Norman	Under construction
2017	4411706102	Pier 8 Park	1,419,300	273,943	44,918	1,100,440	22.5%	G. Norman	Detailed design complete. Construction will follow servicing in Q2 2020.
2017	4411706103	Bayfront Park Upgrades Ph 1	500,000	22,190	-	477,810	4.4%	G. Norman	Project delayed to accommodate shift in priority to have public realm projects on Piers 5-8 expedited
2017	4411706104	Artisan Village Design Study	110,000	49,485	51,371	9,144	91.7%	G. Norman	Project underway by HWT
2017	4411706105	WH Parking Garage Feasibility	300,000	13,314	-	286,686	4.4%	G. Norman	RFP possibly in 2020; waiting for outcome of Pier 8 Development Agreement.
2017	4411706201	Bar-Tiff Real Est Solicitation	200,000	-	-	200,000	0.0%	G. Norman	On-Hold pending outcome of the MOU process with identified Film Studio development partner.
2017	4411706202*	Adaptive Comm Re-use 125 Barton St. W	800,000	812,577	1,643	(14,220)	101.8%	G. Norman / R. Ellis	Project complete, pending PO closure and deficit mitigation – anticipated close next BER
2018	4411806102	Macassa Bay Shoreline Improv	450,000	124,718	26,905	298,377	33.7%	G. Norman	Preliminary scoping started in Q2 2019
2018	4411806103	Macassa Bay Boardwalk Trail	350,000	27,094	-	322,906	7.7%	G. Norman	Preliminary scoping started in Q2 2019
2018	4411806104	West Harbour Public Art	710,000	44,530	420,000	245,470	65.4%	G. Norman	Foot of James public art to be implemented with Pier 5-7 Phase 1.
2018	4411806105	Police Marine Facility Replac	600,000	347,485	11,628	240,887	59.9%	G. Norman	Interim facility completed and occupied.
2018	4411806106	James St CSO Tank overflow pipe	375,000	34,331	6,805	333,864	11.0%	G. Norman	To be implemented with Piers 5-7 Phase 1
2018	4411806202	Central Neighbourhood Park	3,890,000	188,054	42,266	3,659,680	5.9%	G. Norman	Delay in spec preparation; to be tendered in early 2020.
Total West Harbour Initiative			106,347,690	37,924,015	27,511,392	40,912,283	61.5%		

Energy Initiatives

2014	7901448406	Ice Plant Optimization Arenas	425,000	63,071	-	361,929	14.8%	M. Carson	Securing Rostered Consultant - Tendering in Q4 - 2019
2016	7901641600	Hamilton Place LED Light	590,000	418,383	29,322	142,295	75.9%	M. Carson	Project phase 1 complete & deficiencies complete. Phase 2 cancelled. Final invoicing and project closeout expected in Q4 2019.
2016	7901641604	Aquatic Centres Ext LED Light	106,000	89,951	15,687	362	99.7%	M. Carson	Project & deficiencies complete. Final invoicing & incentives to be received. Project closeout in Q4 2019.
2016	7901641605	Valley Park LED Light	195,560	122,715	48,676	24,169	87.6%	M. Carson	Project & deficiencies complete. Final invoicing & incentives to be received. Project closeout in Q4 2019.

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2016	7901641606	Ice Arena LED Light	1,212,075	1,151,417	1,110	59,548	95.1%	M. Carson	Project complete- 75% of incentives have been received. Waiting on last 25% of incentives to be paid before closeout in Q4 - 2019.
2016	7901641609	Macassa BAS Upgrade	60,000	5,587	1,098	53,315	11.1%	F. Jilani	Study completed. Project to expand with revised scope of work on BAS, and incremental funding approval.
2019	7901941900	Traffic Operations Centre - LED lighting Upgrade	60,000	-	-	60,000	0.0%	F. Jilani	RFQ closing Q4-2019.
2019	7901941901	Wentworth Ops Ctr-LED Upgrade	30,000	-	-	30,000	0.0%	F. Jilani	RFQ closing Q4.-2019.
2019	7901941902	Lister Blk-LED Lighting Upgrade	125,000	-	-	125,000	0.0%	F. Jilani	RFQ closed. Project underway.
2019	7901949000	Solar Wall-Pinky Lewis RecCtr	117,000	-	-	117,000	0.0%	M. Carson	Securing Rostered Consultant - Tendering in Q1 - 2020
Total Energy Initiative			2,920,635	1,851,123	95,894	973,618	66.7%		

Fleet

2014	4941451003	Restoration - Fleet Fuel Sites	1,280,000	680,968	297,117	301,915	76.4%	A. Fletcher / J. Sheen	Tank removal completed at 2 locations and 5 sites at 100% completion with invoices pending. Consultant engaged for the Dundas project, and consultant to action delineation next on list. Forecasted to be completed on budget.
2017	4941751001	Shop Equipment Replacement	100,000	62,199	22,578	15,224	84.8%	J. Ellis / A. Fletcher	Pending last invoices to be processed.
2017	4941751100	Fleet Vehicle&Equipment Replace Program	7,790,380	6,614,014	1,294,080	(117,714)	101.5%	T. Kagianis	Final order is scheduled to arrive on budget. Processing of final payment is expected by end of 2019. Project contingency is not expected to be required which will negate the negative balance.
2018	4941851001	Shop Equipment Replacement	102,000	8,334	48,090	45,576	55.3%	J. Ellis / A. Fletcher	On schedule for completion in 2020
2018	4941851100	Fleet Vehicle&Equipment Replace Program	7,272,350	2,724,039	3,688,002	860,309	88.2%	T. Kagianis	Scheduled for completion end of 2020
2019	4941951001	Shop Equipment Replacement	286,700	-	50,000	236,700	17.4%	J. Ellis	Scheduled for completion end 2021
2019	4941951004	Street Sweeper Purchase	728,500	-	-	728,500	0.0%	T. Kagianis	PO to be issued Q4 2019. Scheduled for completion Q3 2020
2019	4941951100	Fleet Vehicle&Equipment Replace Program	9,234,730	(193,368)	6,573,876	2,854,221	69.1%	T. Kagianis	Scheduled for completion end of 2021
Total Fleet			26,794,660	9,896,186	11,973,744	4,924,730	81.6%		

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Facilities									
2013	3541349003	Backflow Prevention-Facilities	2,003,000	1,463,435	-	539,565	73.1%	C. McKay / K. Zukauskas	Ongoing into 2019-2021.
2013	3541351005	Generator BlackOut Testing	282,000	244,486	32,230	5,284	98.1%	T. Briatico	Completion of electrical and generator fuel compliance deficiencies in 2019.
2013	4401356800	Bayfront Park Work Yard	436,000	422,014	34,443	(20,457)	104.7%	R. Ellis	Project entering construction phase in 2020 under different PID. Financially, project to be reconciled and closed, surplus to be transferred to newer/ active PID 7101841800.
2014	3541441401	POA Administration Offices	37,387,998	36,756,463	464,874	166,661	99.6%	L. Nelson J. Warner	Grand Opening occurred September 13, 2018. Financial close in 2020.
2014	3541441910	RCMP Lease-Capital Replacement	434,000	434,000	2,020	(2,020)	100.5%	T. Briatico	Project construction complete. Expected financial completion 2019/2020.
2015	3541541409	Code & Legislative Compliance	450,000	428,233	30,646	(8,879)	102.0%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done with a target 2019 financial close.
2015	3541541510	Control Ctre & Automation Upgr	372,000	456,309	-	(84,309)	122.7%	R. Ellis	Deficit to be reconciled at project close.
2015	5141567577	Security - Water PS Facilities	5,600,000	2,206,529	420,855	2,972,616	46.9%	D. Duarte / M. Dambeau	STATUS: Substantially Performed (Physical Security - Fencing). NEXT STEPS: Issue Project Charter Q3 2019 (Electronic Security System - High Priority Water Stations).
2016	3541641010	Facility Upgrades Libraries	312,000	241,598	111,876	(41,474)	113.3%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done with annual program to fund ongoing priorities.
2016	3541641013	Firestations Facility Upgrade	363,121	195,594	16,480	151,047	58.4%	R. Ellis	Firestation facilities renewals ongoing in 2019/ 2020.
2016	3541641402	MTC - CNG Facility Upgrades	1,309,000	1,344,117	15,580	(50,697)	103.9%	R. Ellis	Construction complete. Targeting financial close 2020.
2016	3541641409	Code & Legislative Compliance	720,000	602,986	115,213	1,801	99.7%	R. Ellis	At the financial close in 2020, once all commitments have cleared, a reconciliation to Compliance Program will be done before closing.
2016	3541641412	Roof Management Program	920,000	798,585	106,855	14,560	98.4%	R. Ellis	Roof replacements ongoing in 2019. Once commitments clear in 2019, then reconciliation will be done with annual program before closing.
2016	3541641532	Facility Capital Maintenance	250,000	181,787	11,749	56,464	77.4%	R. Ellis	Ongoing in 2019.
2016	3541641601	Animal Control Facility Design	75,000	70,421	-	4,579	93.9%	R. Ellis	Animal control works complete. Reconciliation to be done before closing.

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2016	3541641602	Ancaster Memorial Arts & Cultural Centre	22,015,000	2,074,030	628,260	19,312,709	12.3%	R. Ellis	Prequalification posted Q1 2019. Construction tender targeting 2020.
2016	3541641631	Facilities Security Program	150,000	139,660	10,340	-	100.0%	R. Ellis	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing into 2019.
2016	3541641638	Overhead Door Replacement Program	100,000	45,630	-	54,370	45.6%	R. Ellis	Overhead Door Replacements ongoing in 2019.
2016	3541641648	Parking Lot Rehabilitation	250,000	87,865	159,939	2,195	99.1%	R. Ellis	Parking lot rehabilitations in multiple locations complete and underway. Design & construction ongoing into 2019/2020.
2016	3541641910	RCMP-Lease-Capital Replacement	210,000	94,605	67,658	47,737	77.3%	R. Ellis	Project in construction. Expected financial close 2019/2020.
2016	3541655001	Yard Capital Renewal Program	292,190	248,436	71,800	(28,046)	109.6%	R. Ellis	Work at yards ongoing into 2019. Once commitments clear on annual program, then reconciliation to be done from annual program and target 2019 financial close.
2016	3541657001	Archibus-Facility Maintenance	50,000	47,676	-	2,324	95.4%	R. Ellis	2019/2020 work in Archibus ongoing with programmers. Long term plans awaiting results of Public Works Enterprise Asset Management.
2017	3541741010	Facility Upgrades Libraries	81,000	90,704	10,764	(20,469)	125.3%	R. Ellis	Work at Libraries is ongoing into 2019. Once commitments clear on annual program, then reconciliation to be done from annual program and target 2019 financial close.
2017	3541741013	Firestations Facility Upgrade	150,000	57,297	9,674	83,029	44.6%	R. Ellis	Firestation facilities renewals ongoing in 2019/2020.
2017	3541741409	Code & Legislative Compliance	511,000	529,422	115,110	(133,532)	126.1%	R. Ellis	Compliance capital works ongoing in 2019/2020. Deficit to be reconciled with annual program
2017	3541741412	Roof Management Program	671,800	571,757	72,188	27,856	95.9%	R. Ellis	Ongoing through 2019/2020.
2017	3541741532	Facility Capital Maintenance	733,966	842,180	29,607	(137,821)	118.8%	R. Ellis	2019/2020 work on Facility Capital Maintenance is ongoing. Deficit to be reconciled with annual program.
2017	3541741603	Central Library Window Replacement	3,776,000	3,462,822	110,176	203,002	94.6%	R. Ellis	Phase 3 of windows will commence in 2019 to conclude the project in 2019, financial close targeting 2020/2021.
2017	3541741604	Binbrook Town Hall Skylights	250,000	247,739	10,511	(8,250)	103.3%	R. Ellis	Work completed. Financial close expected in 2019/ 2020. Deficit funded through donation.
2017	3541741605	HAMILTON Sign	0	295,301	1,315	(296,616)	N/A	R. Ellis	New Exterior Signage/Art "Hamilton" at City Hall is complete. Financial close anticipated in 2019/2020. Deficit funded through donation.
2017	3541741631	Facilities Security Program	100,000	47,565	-	52,435	47.6%	R. Ellis	Ongoing implementation of the recommendations of the Corporate Security Review. Ongoing into 2019 /2020.

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2017	3541741648	Parking Lot Rehabilitation	195,300	145,023	14,310	35,967	81.6%	R. Ellis	Ongoing implementation of the recommendations of the Corporate Security Review. Ongoing into 2019/2020.
2017	3541755001	Yard Capital Renewal Program	200,000	184,094	14,772	1,133	99.4%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done against annual program and target 2019/2020 financial close.
2017	3541755700	Downtown Office Accommodation	100,000	45,897	-	54,103	45.9%	R. Ellis	Ongoing through 2019/2020.
2017	3541757001	Archibus-Facility Maintenance	100,000	15,460	-	84,540	15.5%	R. Ellis	Ongoing through 2019/2020.
2018	3541841010	Facility Upgrades Libraries	20,000	14,040	-	5,960	70.2%	R. Ellis	2019 WIP funded \$80K to 3541741603. Ongoing through 2019/2020
2018	3541841013	Firestations Facility Upgrade	350,000	29,004	91,134	229,862	34.3%	R. Ellis	Ongoing through 2019/ 2020.
2018	3541841123	Ancaster Tennis Bubble	60,000	36,323	-	23,677	60.5%	R. Ellis	Project currently in design (Site Plan process). Project led by ATC.
2018	3541841409	Facilities Code & Compliance	181,000	186,006	30,606	(35,612)	119.7%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done against annual program and target 2020 financial close.
2018	3541841412	Roof Management Program	720,000	635,293	61,954	22,753	96.8%	R. Ellis	Ongoing through 2019/2020.
2018	3541841532	Facility Capital Maintenance	359,024	348,816	6,004	4,205	98.8%	R. Ellis	Ongoing through 2019/2020.
2018	3541841631	Facilities Security	150,000	910	-	149,090	0.6%	R. Ellis	2020 WIP \$90K to 3542041005 City Hall 5th & 6th Floor Renos
2018	3541841648	Parking Lot Rehabilitation	350,000	5,715	343,839	445	99.9%	R. Ellis	Ongoing through 2019/2020.
2018	3541841801	Rymal Yard Building Repairs	300,000	308,421	-	(8,421)	102.8%	R. Ellis	Construction complete. Targeting financial close 2019/2020. Reconcile against Yards annual program.
2018	3541841910	Stoney Creek City Hall RCMP	210,000	83,326	-	126,674	39.7%	R. Ellis	Ongoing through 2019.
2018	3541849003	Backflow Prevention Various	700,000	217,720	306,242	176,038	74.9%	R. Ellis	Ongoing backflow installation into 2019-2021 in priority sequence. Target financial close in 2022.
2018	3541855001	Yard Capital Renewal	150,000	110,481	44,231	(4,712)	103.1%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done and target 2020 financial close.
2018	3541855100	Facilities Audit Program	100,000	99,045	2,293	(1,338)	101.3%	R. Ellis	Once commitments clear on annual program, then reconciliation to be done and target 2020 financial close.
2018	3541855701	ConfederationPrkFacilityAssmnt	150,000	115,925	34,304	(228)	100.2%	R. Ellis/Lawrence Stasiuk	Complete. Anticipate Financial close in 2020.

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2019	3541941013	Firestations Facility Upgrade	300,000	2,189	-	297,811	0.7%	R. Ellis	Firestation facilities renewals ongoing in 2019/2020.
2019	3541941409	Code & Legislative Compliance	650,000	229,259	49,580	371,161	42.9%	R. Ellis	Compliance capital works ongoing in 2019/2020.
2019	3541941412	Roof Management Program	840,000	13,098	425,000	401,902	52.2%	R. Ellis	Roof Management works ongoing in 2019/2020.
2019	3541941532	Facility Capital Maintenance	413,000	38,214	2,200	372,586	9.8%	R. Ellis	Works ongoing in 2019/2020.
2019	3541941631	Facilities Security Program	150,000	11,892	-	138,108	7.9%	R. Ellis	Works ongoing in 2019/2020.
2019	3541941648	Parking Lot Rehabilitation	550,000	-	357,161	192,839	64.9%	R. Ellis	Parking lot rehabilitations in multiple locations complete and underway. Design & construction ongoing into 2019/2020.
2019	3541941901	Lifecycle Renew-Farmer'sMarket	550,000	10,634	43,635	495,731	9.9%	R. Ellis	In Design. Construction anticipated in 2020.
2019	3541941910	RCMP Lease-Capital Replacement	210,000	9,509	-	200,491	4.5%	R. Ellis	Works ongoing in 2019/2020.
2019	3541951900	Generator ComplianceTest&Upgrd	110,000	-	-	110,000	0.0%	R. Ellis	Work in design to address generator and fuel compliance in 2020. Currently in design.
2019	3541955001	Yard Capital Renewal Program	300,000	29,661	9,453	260,885	13.0%	R. Ellis	Works ongoing in 2019/2020.
2019	4241909215*	Eastwood Park Bathroom	100,000	-	-	100,000	0.0%	R. Ellis	Feasibility stage in 2020.
Total Facilities			88,823,399	57,655,206	4,496,878	26,671,315	70.0%		

Entertainment Facilities

2017	3721741600	Commonwealth Sq&Summers Ln	206,000	173,031	38,503	(5,534)	102.7%	R. Ellis	Tender Summer's Lane in 2019 for construction in 2020. Collaboration with PED. Reconcile against PID 3721949901.
2017	3721741805	HCC HP & FOC Lifecycle Renewal	922,000	961,898	80,007	(119,905)	113.0%	R. Ellis	Ongoing in 2018/2019. Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Target financial close in 2020 once commitments clear.
2017	3721751701	HP Audio Equipment Repair&Repl	60,000	44,270	4,506	11,224	81.3%	R. Ellis	Ongoing in 2019 /2020.
2018	3721841801	Program FirstOntario Concert Hall Replacements and Renovations	313,200	227,928	14,275	70,996	77.3%	R. Ellis	Ongoing in 2019 /2020.

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2018	3721841805	Program HCC, FOCH & FOC Lifecycle Renewal	520,300	207,582	190,680	122,038	76.5%	R. Ellis	Ongoing in 2019 /2020.
2018	3721851801	First Ontario Centre Vertical Transportation	4,300,000	714,466	2,785,413	800,121	81.4%	R. Ellis	Construction ongoing.
2018	3721851803	Hamilton Convention Centre Exterior Restoration Program of Courtyard, Stairwells and Elevate	2,000,000	919,629	928,129	152,242	92.4%	R. Ellis	Tender awarded. Construction ongoing in 2019 from October 2018.
2019	3721941805	HCC HP & FOC Lifecycle Renewal	539,000	54,022	94,486	390,492	27.6%	R. Ellis	Ongoing in 2019 /2020.
2019	3721949902	Expansion Joint Replacement Commonwealth Square	250,000	6,434	88,500	155,066	38.0%	R. Ellis	Ongoing in 2019 /2020.
2019	3721949901*	Summer's Lane Rehabilitation & Pedestrianization	1,950,000	6,340	-	1,943,660	0.3%	R. Ellis	Tender Summer's Lane in 2019 for construction in 2020. Collaboration with PED. Reconcile against PID 3721741600.
Total Entertainment Facilities			11,060,500	3,315,600	4,224,499	3,520,401	68.2%		

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Recreation Facilities									
2011	7101154710	Senior Centre - Waterdown	1,300,000	1,349,067	107,926	(156,993)	112.1%	S. Gargarello	Construction complete/Facility open. Lower Deficit anticipated. Financial close anticipated in 2020. Mitigation potentially through sale of old centre.
2012	7101254201	Scott Park-New Senior Centre	23,900,000	24,519,461	185,000	(804,461)	103.4%	J. Warner	Grand Opening December 2018. Add'l costs were incurred due to poor soil conditions. Anticipated deficit will be reconciled prior to project close. Reconcile with PID 7101649602 and through 2020 capital budget process.
2013	7101354105	Park & Fieldhouse Retrofits	1,205,835	1,186,867	-	18,968	98.4%	L. Keermaa	Reconciliation and closing pending on land sale or alternate revenue source.
2013	7101354202*	New Dalewood Community Centre	1,900,000	1,642,784	179,757	77,459	95.9%	C. Euale	Construction complete. Waiting for commitments to clear. Project to financially close in 2020.
2014	7101454202	Waterdown Memorial Pk Ice Loop	3,340,000	3,330,354	10,614	(968)	100.0%	K. Berry	Construction complete. Project to financially close in 2019/2020, pending completion of public art.
2014	7101454704	HPRC Independence from School	99,000	170,358	-	(71,358)	172.1%	C. Euale	Reconcile with 7101854811. Expected to close in 2020.
2014	7101454710	SWL Rec Cntr Independence	1,648,000	1,270,993	126,100	250,907	84.8%	C. Euale	Construction complete. Project to close financially in 2019/2020, to be reconciled with 7101754805.
2015	7101541706	Recreation Centre Retrofits	218,969	219,634	78	(743)	100.3%	R. Ellis	Closing in 2019 pending on PO closure.
2015	7101551501	Facility Vehicles	160,000	87,352	-	72,648	54.6%	R. Ellis	Facilities Operations completed specifications for a vehicle RFT. Some vehicles were replaced. Additional vehicle replacements anticipated in 2020.
2015	7101554506	Valley Park Community Ctr-Expn	300,000	220,822	63,373	15,805	94.7%	R. Ellis	Valley Park Recreation Centre reno tender is current advertised as of October 2019.
2015	7101554507	Chedoke Arena Roof	1,160,000	1,159,728	-	272	100.0%	R. Ellis	Reconciliation to be done with Roof Program before closing in 2019.
2015	7101554508	Public Use Feasibility Study	150,000	141,860	2,243	5,897	96.1%	R. Ellis	Phase 1 of the Recreation Indoor Use study presented to E & CS Committee in Q3 2016. Phase 2 was deemed necessary, ongoing in 2019-2021 and onward.
2015	7101554510	Dundas JLGrightmire Arena Reno	7,000,000	6,678,977	630,098	(309,075)	104.4%	R. Ellis	Construction 95% complete. Occupancy achieved. Staff reported to Council with updates on this project. City's priority is to ensure hockey and community groups get back into the completed arena fall 2019.
2015	7101558501	Parkdale Outdoor Pool Redev	3,225,000	225,691	68,860	2,930,449	9.1%	R. Ellis	Design well underway in 2018/2019. Additional funding approved in 2019 budget (cash flowed) to allow construction tender targeting advertisement 2019/2020.

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2015	7101554509*	Mohawk Track - Redesign	900,000	883,542	20,170	(3,712)	100.4%	R. Ellis	Construction complete. Ribbon cutting was Oct. 21 2017. Financial close anticipated in 2019/ 2020.
2016	7101641701	Program - Community Halls Retrofits	550,000	399,764	213,803	(63,567)	111.6%	R. Ellis	Deficit to be mitigated through the annual program and closure of PO's
2016	7101649601	Bernie Arbour Stadium - Upgrades	300,000	204,654	6,061	89,286	70.2%	R. Ellis	Improvements underway and ongoing in 2019/ 2020.
2016	7101649602	Scott Park Precinct Ice Pad & Spray Pad Installation	2,400,000	2,051,056	394,584	(45,640)	101.9%	R. Ellis	Grand opening occurred February 2019. Outstanding tasks are reconciling with PID 7101254201, mitigate through 2020 capital budget as needed and then closing.
2016	7101654536	Program - Arena Retrofits	561,250	465,011	4,578	91,661	83.7%	R. Ellis	Arena projects ongoing in 2019. Once completed, reconciliation to be done with annual program before closing. Targeting 2020 financial close.
2016	7101654603	Beverly Recreation Centre/School	1,800,000	431,124	62,233	1,306,643	27.4%	R. Ellis	HWDSB awarded the tender of Phase 1 (school) to a contractor and construction underway. COH fit-up of City's community space will follow Phase 1 HWDSB construction completion. Collaboration with HWDSB ongoing.
2016	7101654608	William Schwenger Park Washroom Facility	500,000	504,545	11,347	(15,891)	103.2%	R. Ellis	Construction complete. Facility is open. Financial close in 2019/ 2020.
2016	7101654609	Greensville Recreation Centre/School	2,143,000	258,002	66,415	1,818,583	15.1%	R. Ellis	HWDSB awarded. COH construction in collaboration with HWDSB ongoing for community space (and separately, the library).
2016	7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	790,000	783,081	14,675	(7,756)	101.0%	R. Ellis	Canada 150 Projects. Construction complete on time. Project will financially close in 2019/ 2020.
2016	7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,920,200	1,908,179	59,778	(47,757)	102.5%	R. Ellis	Canada 150 Projects. Binbrook Memorial Hall construction complete Q3 2017. Mt. Hope complete Q1 2018, both on time. Financial close anticipated in 2019/ 2020.
2016	7101654700	Pinky Lewis Recreation Centre Expansion Project	2,169,000	2,153,433	15,345	221	100.0%	R. Ellis	Successful grand opening celebrated July 2019. Financial close in 2021.
2016	7101654702	Program - Facility Capital Maintenance	298,600	311,704	1,615	(14,719)	104.9%	R. Ellis	Emergency and maintenance renewal works ongoing in 2019. Anticipated deficit to be mitigated through the annual program.

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2016	7101654612*	Bobby Kerr & Trenholme Park Washroom Facilities	850,000	1,057,165	19,464	(226,629)	126.7%	R. Ellis	Projects completed. Amenities opened in 2018. Anticipated deficit due to tender prices, site servicing and site conditions will be mitigated through reappropriation and the 2021 capital budget process.
2016	7101654802*	William Connell Park Washroom Facility	4,485,200	2,693,549	1,594,741	196,910	95.6%	R. Ellis	Construction Phase 1 complete. Phase 2 of construction began after Fall 2018 Council approval. Construction ongoing in 2019. Financial close in 2020-2021.
2017	3541755101	Recreation Facilities Audit Program	142,100	122,287	27,588	(7,774)	105.5%	R. Ellis	Reconciliation against annual program and closure expected in 2020.
2017	7101741701	Community Halls Retrofits	85,000	81,732	9,783	(6,515)	107.7%	R. Ellis	Community Halls projects ongoing in 2019. Mitigate deficit from annual program.
2017	7101741706	Recreation Centre Retrofits	190,700	183,206	9,285	(1,791)	100.9%	R. Ellis	Recreation projects ongoing in 2019.
2017	7101754508	Public Use Feasibility Study	150,000	18,826	-	131,174	12.6%	R. Ellis	Ph2 of the Rec Indoor Study is ongoing in 2019/2020 in order to reflect current demographics, community needs, etc.
2017	7101754536	Program - Arena Retrofits	500,000	467,688	26,546	5,766	98.8%	R. Ellis	Arena projects ongoing in 2019.
2017	7101754701	Glanbrook Arena Elevator	800,000	712,859	19,398	67,743	91.5%	R. Ellis	Canada 150 Project completed in 2018. Financial close in 2020.
2017	7101754702	Mountain Arena Elevator	330,000	254,982	25,039	49,980	84.9%	R. Ellis	Canada 150 Project completed on time. Financial close in 2019/2020.
2017	7101754703	Senior Centre Retrofits	133,300	18,229	-	115,071	13.7%	R. Ellis	Senior Centre Projects ongoing in 2019.
2017	7101754705	Turner Park Washrooms	662,000	642,217	53,303	(33,520)	105.1%	R. Ellis	Construction completed on time for the Canada 150 project with deadline of March 2018. Washrooms opened in 2018. Financial close in 2020.
2017	7101754708	Waterdown Pool & RecCtr Fsbilty	100,000	63,327	5,000	31,674	68.3%	R. Ellis	Feasibility study complete and presented to Recreation. Surplus to reconcile against DC-funded project 7101254201 to close.
2017	7101754709	Wolverton Parkland Imprv&Demo	160,000	79,903	3,227	76,870	52.0%	R. Ellis	Demolition complete. Restoration underway.
2017	7101754805*	SirWilfridLaurier GymRepl Addn	1,100,000	78,972	370,000	651,028	40.8%	R. Ellis	Design RFP awarded. Site Plan Control anticipated in 2020, required for building permit. Targeting 2021 construction start.
2017	7101758002*	Alexander Park Splashpad	649,502	635,378	12,193	1,931	99.7%	R. Ellis	Construction completed on time and on budget for the Canada 150 project with deadline of March 2018. Spray pad opened 2018. Financial close in 2020.

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2018	3541855101	Recreation Facilities Audit Program	110,000	99,822	10,169	9	100.0%	R. Ellis	Reconciliation against annual program and closure expected in 2020.
2018	7101841213	Flamborough Seniors Recreation Centre Barrier -Free Washroom	220,000	151,978	67,018	1,004	99.5%	R. Ellis	Construction complete. Anticipate financial close in 2021.
2018	7101841706	Program - Recreation Centre Retrofits	200,000	172,245	26,530	1,225	99.4%	R. Ellis	Ongoing in 2019/ 2020.
2018	7101841800	Parks North Yard at Bayfront Park	3,915,000	96,982	76,441	3,741,576	4.4%	R. Ellis	Construction anticipated in 2020-2021.
2018	7101845801	Waterdown Mem Pk Parking Lot	680,000	700,544	14,000	(34,544)	105.1%	R. Ellis	Project completed. Financial close in 2020.
2018	7101854105	Program - Park & Fieldhouse Retrofits	250,000	146,807	122,236	(19,042)	107.6%	R. Ellis	Work ongoing in 2019. Once commitments have cleared, reconciliation to be done from annual program before closing.
2018	7101854508	Public Use Feasibility Needs & Study	150,000	5,387	-	144,613	3.6%	R. Ellis	Ph2 of the Rec Indoor Study is ongoing in 2019 in order to reflect current demographics, community needs, etc.
2018	7101854536	Program - Arena Retrofits	250,000	208,057	15,005	26,938	89.2%	R. Ellis	Ongoing in 2019/ 2020.
2018	7101854703	Program - Senior Centre Retrofits	100,000	20,670	-	79,330	20.7%	R. Ellis	Ongoing in 2019/ 2020.
2018	7101854803	Domenic Agostino Riverdale Community Centre - Expansion	405,000	43,025	2,380	359,595	11.2%	R. Ellis	Feasibility study complete. Complete design funds for Prime Design Consultant in 2020 is proposed as part of the 2020 capital budget.
2018	7101854806	Dundas Lawn Bowling Club Improvements	175,000	1,573	127,300	46,127	73.6%	R. Ellis	Design complete. Tender awarded to low bidder. Construction has begun.
2018	7101854807	Dundas Valley Community Park Improvement & Pavilion Feasibility	550,000	148,197	34,576	367,227	33.2%	R. Ellis	Construction completed for pavilion. Deferral of the construction is under consideration in consultation with stakeholders.
2018	7101854811	Hill Park Recreation Centre - Renovation	232,000	120,639	29,000	82,361	64.5%	R. Ellis	Feasibility study is complete. Minor mechanical lifecycle replacements complete to comply with code. Reconcile with 7101454704.
2018	7101854815	Westoby (Olympic) Arena Parking Lot Resurfacing	388,000	243,640	152,240	(7,880)	102.0%	R. Ellis	Construction complete at Westoby/Olympic Parking Lot. Financial close in 2020/ 2021.
2018	4241809310*	77 Gage Redevelopment Study	250,000	85,101	7,125	157,775	36.9%	R. Ellis	Feasibility study complete. Council report possible in 2020 & initiative led by Healthy & Safe Communities.

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2018	4241809311*	77 Gage Community Hub	750,000	18,376	-	731,624	2.5%	R. Ellis	Feasibility study complete. Council report possible in 2020 & initiative led by Healthy & Safe Communities.
2018	7101854605*	Sackville Hill Exp	100,000	52,493	52,326	(4,819)	104.8%	R. Ellis	Feasibility study complete. Presented preliminary concept design to board of Sackville Hill Seniors. November 18 2019 PW Committee Report.
2018	7101854810*	Durand Washroom Facility	303,000	252,989	21,141	28,869	90.5%	R. Ellis	Construction complete. Financial close in 2020/ 2021.
2019	7101754706	Valley Park Community Centre Fit-up	1,500,000	-	60,000	1,440,000	4.0%	R. Ellis	Currently out for construction tender in 2019.
2019	7101941701	Community Halls Retrofits	100,000	38,079	-	61,921	38.1%	R. Ellis	Ongoing in 2019/ 2020.
2019	7101954105	Park & Fieldhouse Retrofits	100,000	22,257	4,910	72,833	27.2%	L. Keermaa	Ongoing in 2019/ 2020.
2019	7101954536	Program - Arena Retrofits	300,000	168,036	17,270	114,694	61.8%	R. Ellis	Ongoing in 2019/ 2020.
2019	7101954901	Binbrook Recreation Centre Feasibility	100,000	-	-	100,000	0.0%	R. Ellis	Starting feasibility study in 2019. Work ongoing in 2019/ 2020.
2019	7101954902	Valley Park Lifecycle Renewal	2,400,000	-	-	2,400,000	0.0%	R. Ellis	Tender currently advertised.
2019	7101954903	Riverdale Community Hub	2,000,000	-	-	2,000,000	0.0%	R. Ellis	Childcare Phase 1 time-sensitive work underway due to grant funding. Phase 2 is community hub starting detailed design in 2020.
2019	7101954904	Mohawk Quad Pad Arena Roof Investigation	250,000	28,399	60,344	161,257	35.5%	R. Ellis	Assessment of roof complete. Currently in design for capital repair on most urgent section due to limited funds. Ongoing in 2019/ 2020.
2019	7101954905	Sackville Hill Senior Expansion & Lifecycle Renewal	500,000	39,977	3,389	456,634	8.7%	R. Ellis	Feasibility study complete. Report presented to board of Sackville Hill Seniors and at AGM. November 18 PW Committee report.
2019	7101954906	MtHope New Recreation Facility	350,000	15,600	62,846	271,554	22.4%	R. Ellis	Feasibility study nearly complete. Investigation of whether to combine with Binbrook Rec Centre.
2019	7101954907	Winona Rec Centre Feasibility	150,000	-	-	150,000	0.0%	R. Ellis	Feasibility study ongoing in 2019/ 2020.
2019	7101954908	Freon Upgrade at Parkdale Arena	1,600,000	-	-	1,600,000	0.0%	R. Ellis	Design ongoing in 2019. Preparing for tender for 2020 construction.
2019	7101963101	Binbrook Mem Sewer Connection	400,000	-	250,160	149,840	62.5%	R. Ellis	Work ongoing in 2019 & 2020 in collaboration with adjoining property. Project approval associated with Council motion.
Total Recreation			89,054,656	62,549,234	5,636,624	20,868,798	76.6%		

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Transportation									
2005	5300583504	Fare Cards-System Enhancement	7,500,000	6,882,441	53,834	563,725	92.5%	N. Purser	Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - began Q1 2019, self service devices - Q3 2019. Likely to be closed in August 2020.
2011	5301185001	Customer Service Software	720,000	608,176	-	111,824	84.5%	D. Guy	Continuing to troubleshoot initial installation; awaiting implementation of extended capabilities; estimating end of Q2 2020 for completion.
2013	5301384001	Rapid Transit - Quick Wins	11,993,000	8,640,868	543	3,351,588	72.1%	J. VanderHeide	Surplus funds to be coordinated with CF Limeridge Master Plan redevelopment.
2013	5301384002	Mobility Programs	422,500	386,550	11,561	24,389	94.2%	J. VanderHeide	Project to be closed in Q4 2019.
2015	5301555500	Mtn&Storage FacilityExpn Stdy	150,000	4,568	-	145,432	3.0%	J. VanderHeide	Funds to be transferred to 5301641500 and then project will close.
2015	5301583501	Transit Hybrd Bus Battery Repl	841,000	131,147	-	709,853	15.6%	M. Selkirk	Ongoing.
2015	5301584501	Trapeze EAM Fleet Mmgnt	800,000	469,656	218,758	111,586	86.1%	D. Guy	Pending PW EAM review (Q4 2019).
2016	5301641100	330 Wentworth HSR Storage	311,000	209,440	3,950	97,610	68.6%	J. VanderHeide	On going. Surplus vehicles currently parked at 330 Wentworth during carport construction at MTC.
2016	5301641500	Transit Storage Facility	4,300,000	3,499,389	39,780	760,831	82.3%	J. VanderHeide	Ongoing Facilities Management expenditures. Detailed design is 60% complete and demolition activities are ongoing. Project to be completed by PTIF deadline March 31, 2020.
2016	5301683503	Nonrevenue Vehicle Replace Program	127,000	53,101	71,417	2,482	98.0%	M. Selkirk	Ongoing - Q4 2019.
2016	5301684503	Security Cameras on Buses	1,700,000	1,510,816	225,079	(35,895)	102.1%	M. Selkirk	P.O.'s & project to be closed Q4 2019.
2017	5301749700	Garage Door Repl - MTC	1,320,000	872,517	137,916	309,567	76.5%	J. VanderHeide	Substantially complete. PTIF funding extended to March 31, 2020.
2017	5301749701	Transit Capital Infrastructure	6,000,000	1,354,152	1,168,525	3,477,323	42.0%	J. VanderHeide	Multi-year construction, interior renovations underway, security measures underway. PTIF funding extended to March 31, 2020.
2017	5301751500	Replace Bus Hoists	7,025,000	4,015,140	384,090	2,625,770	62.6%	M. Selkirk	Ongoing - To be completed Q3 2020.
2017	5301751701	HVAC Upgrades-2200 Upper James	650,000	661,441	-	(11,441)	101.8%	M. Selkirk	Project complete. To be closed once debenture funding completed.
2017	5301755700	Transit Priority Measures	1,500,000	-	407,150	1,092,850	27.1%	J. VanderHeide	Project cancelled and will be descoped from PTIF funding.
2017	5301783100	2017 HSR Bus Replacement	14,400,000	10,612,381	1,166,879	2,620,740	81.8%	M. Selkirk	Project complete. Request sent to Procurement to close outstanding purchase orders. To be added to December 31, 2019 closing list.

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2017	5301783503	2017 Non-Rev Vehicle Replace	85,000	52,772	25,932	6,297	92.6%	M. Selkirk	Ongoing - Q4 2019.
2017	5301783700	HSR Bus Expansion Prgm-10 Yr	10,380,000	9,738,243	1,734,827	(1,093,069)	110.5%	M. Selkirk	Ongoing - Q4 2019.
2017	5301783701	Non Revenue Vehicle Exp-Growth	400,000	-	69,169	330,831	17.3%	M. Selkirk	Ongoing - Q1 2020.
2017	5301784700	Radio Equipment Replacement	3,000,000	2,015,217	43,980	940,803	68.6%	D. Guy	Waiting on payment of last invoice.
2017	5301784707	Rapid Ready & 10yr Strategy	550,000	-	-	550,000	0.0%	J. VanderHeide	Collaborating with Economic Development Transportation Planning on A-line study.
2017	5301784710	Automated Passenger Counters	2,200,000	2,209,719	49,940	(59,659)	102.7%	D. Guy	Waiting for final Trapeze invoice before closing purchase order. Project to be closed once final PTIF funding received.
2017	5301785602	Shelter Expansion & Rehab	7,043,000	2,924,516	1,777,384	2,341,101	66.8%	J. VanderHeide	Substantial completion anticipated by late February 2020. PTIF funding extended to March 31, 2020.
2017	5301785700	Bus Wash Rack Replacement	880,000	868,628	17,432	(6,060)	100.7%	M. Selkirk	To be completed Q4 2019.
2017	5301785701	Transit Mtnc&Storage Facility	22,000,000	6,462,091	7,165,401	8,372,508	61.9%	J. VanderHeide	Multi-year design and remediation works (2018/19). PTIF funding extended to March 31, 2020.
2017	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	1,160,000	-	-	1,160,000	0.0%	J. VanderHeide	Project ongoing.
2017	5301785703	Limeridge Mall Terminal Redev	2,500,000	-	-	2,500,000	0.0%	J. VanderHeide	Received approvals from Province. Multi-year design and construction project. Anticipated completion 2023
2017	5301785704	Sustainable NetworkConnections	3,025,000	2,375,964	273,107	375,929	87.6%	J. VanderHeide	Project complete. PO's to be closed after year-end.
2017	5301785708	Customer Service Software	2,400,000	1,380,778	449,289	569,933	76.3%	D. Guy	PTIF-related projects will be complete by March 30, 2020; payments following completion of work.
2018	5301883100	2018 HSR Bus Replacement	17,485,000	14,194,862	328,500	2,961,638	83.1%	M. Selkirk	Ongoing - Q4 2020.
2018	5301883503	2018 Non-Rev Vehicle Replace	103,000	-	77,795	25,206	75.5%	M. Selkirk	Ongoing - Q2 2020.
2018	5301884801	Transit Network Review	800,000	82,010	50,000	667,990	16.5%	J. VanderHeide	Project initiated. Multi-year study (2018/19). Currently in Network design stage. PTIF extended to March 31, 2020.
2018	5301885801	Exterior Upgrades to MTC	3,900,000	1,267,340	1,111,225	1,521,434	61.0%	J. VanderHeide	Ongoing. Multi-year project (2018/19). PTIF funding extended to March 31, 2020.
2018	5301885802	Upgrade Operator Seats	455,000	-	-	455,000	0.0%	M. Selkirk	Seats ordered. Ongoing - Q1 2020.

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2018	5301885803	Terminal and End Line Rehab	75,000	3,201	-	71,799	4.3%	J. VanderHeide	2019 - Ongoing.
2018	5301885804	Bus Shelter Rehabilitation	125,000	10,701	-	114,299	8.6%	J. VanderHeide	Ongoing - Completion Q4 2019.
2019	5301983100	2019 HSR Bus Replacement	15,250,000	-	-	15,250,000	0.0%	M. Selkirk	Ongoing - Q4 2020.
2019	5301983503	2019 Non-Rev Vehicle Replace	170,000	-	-	170,000	0.0%	M. Selkirk	Ongoing - Q2 2020.
2019	5301984901	Corridor Capacity	610,000	-	-	610,000	0.0%	J. VanderHeide	Future BLAST Corridor Capacity solutions.
2019	5301985803	Terminal & End of Line Rehabilitation	75,000	-	-	75,000	0.0%	J. VanderHeide	Annual state of good repair - 2020.
2019	5301985804	Bus Stop Shelter Rehabilitation	125,000	-	-	125,000	0.0%	J. VanderHeide	Annual state of good repair - 2020.
2019	5301985901	Transit Terminal Development	3,190,000	-	-	3,190,000	0.0%	J. VanderHeide	Future BLAST Terminal solutions.
2019	5301985902	Transit Shelter Expansion Program	150,000	-	-	150,000	0.0%	J. VanderHeide	2019 Expansion Installations expected to be complete by end of October 2019.
Total Transportation			157,895,500	83,497,827	17,063,462	57,334,212	63.7%		

Roads - Engineering Services

2011	4031118126	Bridge 163 - Centennial Parkway North, 540m n/o Barton	14,690,000	12,005,163	1,198,056	1,486,780	89.9%	M. Oddi	Construction complete. Awaiting billing from CN
2012	4031218212	Bridge 185 - Bay St N - 65m s/o Strachan St W	500,000	64,118	-	435,882	12.8%	M. Oddi	Construction complete. Awaiting billing from CN
2012	4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	2,049,000	1,741,763	295,503	11,734	99.4%	M. Oddi	Complete - pending final review/audit/payment
2012	4031218228	Bridge 248 - King St W 145 m w/o Bond St	438,000	192,761	242,909	2,329	99.5%	E. Waite / R. Sandoval	Class EA/ESA study complete. Design that was scheduled in 2017 has been deferred to 2018/2019 due to EA and Heritage Impact Study delays. Construction deferred to 2021. New project ID set up for Utilities Coordination and construction.
2012	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	550,000	258,475	125,301	166,224	69.8%	E. Waite / R. Sandoval	Ongoing - multi-year project. Ongoing Functional & Archaeological review, 2017 Design ongoing, Construction 2024.
2013	4031380390	East-West Corridor Waterdown	23,660,000	5,785,086	3,403,060	14,471,854	38.8%	S. Jacob	Currently in detailed design (Dillon Consulting) construction to start 2021

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2014	4031412002	Perimeter Rd - Property Maintenance	53,000	69,028	-	(16,028)	130.2%	E. Waite / P. McNab	Project required for rent and maintenance
2014	4031418425	Bridge 450 - Highway No 5	1,950,000	1,666,393	169,677	113,930	94.2%	M. Oddi	\$100k being used to WIP fund 2020 Bridge 452. Ongoing - work in progress. Anticipate 100% spent by year end 2019.
2014	4031418426	Bridge 088 - Mill St	1,799,000	1,776,020	17,428	5,552	99.7%	M. Oddi	Complete - pending final review/audit/payment
2014	4031418430	Bridge 344 - Concession 5W	650,000	532,778	34,965	82,257	87.3%	M. Oddi	Complete - pending final review/audit/payment - C15-13-17 - Concession 5 West Culvert
2014	4031418436	Bridge 449 - Hwy 52	2,450,000	2,424,876	65,794	(40,671)	101.7%	M. Oddi	Complete - pending final review/audit/payment
2014	4031418437	Bridge 417 - Harrison Road	650,000	114,895	374,779	160,326	75.3%	M. Oddi	Ongoing - work in progress (C15-32-19)
2014	4031418447	Bridge 447 - Bell Rd	570,000	423,490	50,271	96,239	83.1%	M. Oddi	Complete - pending final review/audit/payment
2014	4031419101	Road Reconstruction Program - 2014	18,080,000	16,828,892	1,140,715	110,393	99.4%	M. Oddi / P. McNab	Complete - pending final review/audit/payment
2015	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	730,000	416,914	291,066	22,020	97.0%	M. Oddi	Ongoing - work in progress (C15-45-19)
2015	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	700,000	428,742	194,799	76,459	89.1%	M. Oddi	Ongoing - work in progress (C15-45-19)
2015	4031560999	Closed Projects - Roads	189,000	118,237	283,404	(212,641)	212.5%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2015	4031580589	Rymal - Fletcher to Up Centenn	1,040,000	351,224	234,644	454,133	56.3%	S. Jacob	Preparing Tender Package for Fall 2019 Tender. Construction to begin 2020.
2016	4031611601	CP Minor Mtncce Ward 1	560,310	191,638	(6,265)	374,937	33.1%	E. Waite / P. McNab	% spent based on Councillor requests. \$200k earmarked in the 2020 Budget to WIP fund Hillcrest - Chedoke to end resurfacing.
2016	4031611602	CP Minor Mtncce Ward 2	766,310	314,058	21,100	431,151	43.7%	E. Waite / P. McNab	% spent based on Councillor requests.
2016	4031611603	CP Minor Mtncce Ward 3	1,748,450	1,399,660	-	348,790	80.1%	E. Waite / P. McNab	% spent based on Councillor requests. \$30k had been earmarked for traffic calming on Fife however driveway space is not suitable and therefore this work will not proceed.
2016	4031611604	CP Minor Mtncce Ward 4	1,186,890	769,206	-	417,684	64.8%	E. Waite / P. McNab	% spent based on Councillor requests.

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2016	4031611605	CP Minor Mtnc Ward 5	1,348,300	758,869	30,628	558,803	58.6%	E. Waite / P. McNab	% spent based on Councillor requests. \$550k being used to WIP fund 2020 Capital Budget project for the resurfacing of Galbraith / Second Street N.
2016	4031611606	CP Minor Mtnc Ward 6	1,779,160	1,457,412	81,957	239,792	86.5%	E. Waite / P. McNab	% spent based on Councillor requests. \$50k earmarked for new sidewalk on north side of Rymal from Eva to Upper Sherman and \$4k for Royal Vista.
2016	4031611607	CP Minor Mtnc Ward 7	1,367,960	523,005	-	844,955	38.2%	E. Waite / P. McNab	% spent based on Councillor requests.
2016	4031611608	CP Minor Mtnc Ward 8	2,378,830	1,646,328	218,668	513,834	78.4%	E. Waite / P. McNab	% spent based on Councillor requests. \$110k earmarked for sidewalks on Elmwood
2016	4031611609	CP Minor Mtnc Ward 9	2,158,700	1,106,569	78,412	973,720	54.9%	E. Waite / P. McNab	% spent based on Councillor requests.
2016	4031611610	CP Minor Mtnc Ward 10	500,340	318,984	50,000	131,356	73.7%	E. Waite / P. McNab	% spent based on Councillor requests.
2016	4031611611	CP Minor Mtnc Ward 11	1,278,960	586,081	10,660	682,218	46.7%	E. Waite / P. McNab	% spent based on Councillor requests.
2016	4031611612	CP Minor Mtnc Ward 12	1,084,660	122,757	-	961,903	11.3%	E. Waite / P. McNab	% spent based on Councillor requests. \$860k was appropriated to project ID 3541641602 for the Ancaster Memorial Arts & Culture Centre.
2016	4031611613	CP Minor Mtnc Ward 13	1,655,310	998,961	45,309	611,040	63.1%	E. Waite / P. McNab	% spent based on Councillor requests. \$75k for sidewalks on Creekside Dr .
2016	4031611614	CP Minor Mtnc Ward 14	1,116,420	522,171	56,636	537,613	51.8%	E. Waite / P. McNab	% spent based on Councillor requests. \$135k earmarked for paving of various parking lots.
2016	4031611615	CP Minor Mtnc Ward 15	732,990	475,111	30,711	227,168	69.0%	E. Waite / P. McNab	% spent based on Councillor requests. \$40k earmarked for William Street - Closure
2016	4031617642	Sherman Access Retaining Wall	3,800,000	3,290,345	497,776	11,878	99.7%	M. Oddi	Complete - pending final review/audit/payment
2016	4031618090	Bridge 090 - McMurray	250,000	46,137	12,380	191,483	23.4%	E. Waite / R. Sandoval	Ongoing multi-year project. Additional investigation required in summer of 2019 which has delayed design stage. Construction in 2020

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2016	4031618219	Structural Investigations and Reports - 2016	400,000	212,446	89,615	97,938	75.5%	E. Waite / R. Sandoval	Complete - will close once commitments are paid/cleared
2016	4031618355	Bridge 355 - White Church	1,220,000	1,227,702	3,198	(10,900)	100.9%	M. Oddi	Complete - pending final review/audit/payment
2016	4031618385	Bridge 385 - Westover Rd	650,000	122,547	492,599	34,853	94.6%	M. Oddi	Complete - pending final review/audit/payment
2016	4031619104	Highway 8 - Hillcrest to Park	230,000	123,883	52,357	53,760	76.6%	S. Jacob	Funding for design. Any unspent surplus to be carried over to 2020 construction.
2016	4031655522	State of the Infrastructure - Asset Management	660,000	96,429	214,426	349,145	47.1%	E. Waite / R. Andoga	\$90k being used to WIP fund 2020 program. Pavement condition assessment ongoing and analysis carried out citywide in 2019 upon completion of inspection.
2017	4031711015	Road Resurfacing Program - 2017	5,100,000	4,487,278	319,907	292,815	94.3%	M. Oddi / P. McNab	Complete - pending final review/audit/payment
2017	4031711222	New Sidewalk Program - 2017	490,000	304,817	56,552	128,631	73.7%	M. Oddi / P. McNab	Ongoing - work in progress
2017	4031718219	Structural Investigations and Reports - 2017	362,000	200,496	159,274	2,230	99.4%	E. Waite / Sandoval	Ongoing - work in progress
2017	4031718452	Bridge 452 - Centennial Pkwy, 990m n/o Ridge	100,000	83,452	7,005	9,542	90.5%	E. Waite / R. Sandoval	Project was cancelled and re-budgeted. New account is 4032018452
2017	4031719101	Road Reconstruction Program - 2017	2,371,000	2,112,660	226,356	31,984	98.7%	M. Oddi / P. McNab	Complete - pending final review/audit/payment
2017	4031755333	Butternuts on Beckett	50,000	9,870	35,693	4,437	91.1%	M. Becke	As per the Ministry of Natural Resources, this project is required for the monitoring of new tree plantings until 2020.
2017	4031755522	State of the Infrastructure - Asset Management	410,000	77,679	3,104	329,217	19.7%	E. Waite / R. Andoga	\$210k being used to WIP fund the 2020 program. Various reporting currently under development including Asset Management Plan for Provincial Compliance. Further budget allocations suspended.
2017	4031711016*	Asset Preservation - Local Roads - 2017	10,987,000	10,494,637	319,008	173,355	98.4%	M. Oddi / P. McNab	Complete - pending final review/audit/payment
2017	4241709201*	AR - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	1,400,000	73,775	1,048,979	277,246	80.2%	M. Oddi	C15-11-19(HW) awarded - works ongoing. \$258k area rating reserve surplus at time of tender.
2017	4241709203*	AR - James - Duke to Bridge (W2 A/R)	150,000	100,827	12,517	36,655	75.6%	M. Oddi	Complete - pending final review/audit/payment. \$36k area rating surplus at this time.

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2017	4241709501*	AR - Kentley Dr / Crawford Dr / Hart PI (W5 A/R)	300,000	152,036	20,978	126,986	57.7%	M. Oddi	Complete - pending final review/audit/payment. \$120k area rating surplus at this time.
2017	4241709603*	AR - Fern / Doreen / Tilbury / Filer / Cecilia (W6 A/R)	300,000	201,253	41,735	57,013	81.0%	M. Oddi	Complete - pending final review/audit/payment. \$57k area rating surplus at this time.
2017	4241709802*	AR - San Francisco / San Pedro / Goulding (W8 A/R)	1,300,000	1,085,849	212,626	1,525	99.9%	M. Oddi	Complete - pending final review/audit/payment
2018	4031810006	Minor Construction - 2018	300,000	132,481	54,620	112,899	62.4%	E. Waite / P. McNab	\$100k being used to WIP fund the 2020 program. Ongoing - work in progress. Anticipate 100% spent by year end 2019.
2018	4031811015	Road Resurfacing Program - 2018	19,800,000	16,306,448	380,783	3,112,769	84.3%	M. Oddi	\$2.7m being used to WIP fund LINC rehabilitation. 4 of 4 projects awarded. RHVP Rehabilitation resurfacing in 2019 - C15-20-19(H). \$3.6m surplus at time of tender.
2018	4031811016	Asset Preservation - Local Roads - 2018	4,648,000	3,631,376	85,000	931,624	80.0%	M. Oddi	\$600k gas tax surplus being used to WIP fund 2020 program. Complete - pending final review/audit/payment of C15-35-18 - Burkholme Neighbourhood Road Resurfacing
2018	4031811017	City Wide Road Priorities	5,900,000	4,432,367	1,484,712	(17,079)	100.3%	M. Oddi	Ongoing - work in progress (C15-04-19) - Cannon - Sherman to James. All other works complete pending crack sealing and final review/audit/payment.
2018	4031811020	Main St W Emergency Rd Works	950,000	896,245	70,289	(16,534)	101.7%	M. Oddi	Complete. Possible crack sealing 2019.
2018	4031811225	Geotechnical Investigation Program - 2018	700,000	505,737	187,241	7,022	99.0%	E. Waite / P. McNab	Ongoing - work in progress. Anticipate 100% spent by year end 2019
2018	4031811803	NBHD RD Priorities W3	900,000	-	-	900,000	0.0%	E. Waite / R. Andoga	Funding remains unallocated to any road project. Meeting carried out with the Ward Councillor to discuss needs. Further communication with Councillor to be carried out upon completion of investigations.
2018	4031811804	NBHD RD Priorities W4	900,000	-	-	900,000	0.0%	E. Waite / R. Andoga	\$900k earmarked to WIP fund 2020 Capital Budget resurfacing of Greenhill / Dundonald / Montrose / Erindale.
2018	4031811805	NBHD RD Priorities W5	763,000	703,000	60,000	-	100.0%	M. Oddi	Complete - pending crack sealing and final review/audit/payment
2018	4031811813	NBHD RD Priorities W13	900,000	-	-	900,000	0.0%	E. Waite / R. Andoga	Funding to be allocated to future projects in Ward 13
2018	4031814405	Contaminated Soil & Rock Disposal 2018	400,000	242,238	137,337	20,425	94.9%	E. Waite / P. McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.

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2018	4031817644	Claremont - Bin Wall Removal	450,000	159,230	43,024	247,746	44.9%	E. Waite / R.Sandoval	Ongoing multi-year project. Project construction has been expedited to 2020.
2018	4031818089	Bridge 089 - Creighton Rd	200,000	64,887	19,865	115,248	42.4%	E. Waite / R.Sandoval	Ongoing multi-year project. Technical Study in 2018, ESA deferred to 2019. Design in 2020, Construction in 2022.
2018	4031818108	Bridge 108 - Indian Trail	130,000	17,217	-	112,783	13.2%	E. Waite / R.Sandoval	Ongoing multi-year project. Design to be completed in 2019, ESA deferred to 2019. Construction in 2021.
2018	4031818150	Bridge 150 - Tapleystown Rd	260,000	43,310	896	215,794	17.0%	E. Waite / R.Sandoval	Ongoing multi-year project. Design/ESA in 2018/2019, Construction in 2020.
2018	4031818159	Bridge 159 - RR 56 near Hall	200,000	25,104	9,576	165,320	17.3%	E. Waite / R.Sandoval	Ongoing multi-year project. ESA in 2018, Design in 2020, Construction in 2021.
2018	4031818189	Bridge 189 - RR 56 near Kirk	200,000	25,228	3,531	171,241	14.4%	E. Waite / R.Sandoval	Ongoing multi-year project. ESA in 2018, Design in 2020, Construction in 2021.
2018	4031818217	Bridge & Culvert Maintenance - 2018	2,000,000	1,681,981	296,145	21,874	98.9%	E. Waite / R.Sandoval	Move remaining available funding to 2019
2018	4031818218	OSIM Bridge and Culvert Inspections - 2018	300,000	112,211	87,092	100,697	66.4%	E. Waite / R.Sandoval	This project is complete.
2018	4031818219	Structural Investigations and Reports - 2018	400,000	134,570	139,209	126,221	68.4%	E. Waite / R.Sandoval	Ongoing - work in progress
2018	4031818296	Bridge 296 - Governors Rd	170,000	59,903	25,634	84,464	50.3%	E. Waite / R.Sandoval	Ongoing multi-year project. Technical Study in 2018/2019, ESA in 2019, Design in 2020, Construction in 2022.
2018	4031818313	Bridge 313 - Arkledun Ave	350,000	46,353	293,048	10,599	97.0%	E. Waite / R.Sandoval	Construction in 2019.
2018	4031818366	Bridge 366 - Mud St W	1,160,000	146,387	6,413	1,007,200	13.2%	E. Waite / R.Sandoval	Ongoing multi-year project. Design 2018 and Construction deferred to 2020 due to Redhill paving.
2018	4031818404	Bridge 404 - Harrison Rd	170,000	22,514	-	147,486	13.2%	E. Waite / R.Sandoval	Ongoing multi-year project. Design funding in 2018, however design will start in 2020 due to delays with hydraulic study. Construction in 2022.
2018	4031818407	Bridge 407 - Queenston Rd	190,000	29,638	10,221	150,141	21.0%	E. Waite / R.Sandoval	Ongoing multi-year project. Design/ESA in 2018/2019, Construction in 2020.
2018	4031818437	Bridge 437 - Miles Rd	130,000	20,743	4,151	105,107	19.1%	E. Waite / R.Sandoval	Ongoing - multi-year project. Design deferred to 2019, construction deferred to 2021.
2018	4031818441	Bridge 441 - Harrison Rd	680,000	107,478	434,738	137,784	79.7%	M. Oddi	Ongoing - work in progress (C15-32-19)
2018	4031818444	Bridge 444 - Guyatt Rd	174,000	20,542	10,271	143,187	17.7%	E. Waite / R.Sandoval	Change in scope. Delayed until 2021 for further investigation.
2018	4031819104	Hewitson - Dupont to Barton	760,000	450,339	163,082	146,579	80.7%	M. Oddi	Complete - surface asphalt in 2020

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2018	4031849555	QA-QC Service Contract - 2018	150,000	131,517	14,336	4,146	97.2%	M. Oddi / P. McNab	Complete - will close once commitments are paid/cleared
2018	4031855556	Mapping Update - 2018	40,000	10,920	26,880	2,200	94.5%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2019
2018	4031860999	Closed Projects - Roads	240,000	5,853	348,000	(113,853)	147.4%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. Expenditures are dependent on maintenance required.
2018	4031819101*	Road Reconstruction Program - 2018	7,340,000	4,748,771	1,986,734	604,495	91.8%	M. Oddi	5 of 5 project awarded. Locke - Herkimer to Main (C15-52-18) and Baldwin / Court - West St. to Dundas St. (C15-25-19) ongoing - work in progress.
2018	4241809203*	AR - Road Surface Treatment (W2 A/R)	600,000	-	-	600,000	0.0%	E. Waite / R. Andoga	Hunter Street / bike lane resurfacing scheduled for 2020.
2018	4241809402*	AR - Barnaby Corbett etc (W4 A/R)	1,360,000	691,788	148,835	519,377	61.8%	M. Oddi	Complete - pending final review/audit/payment. \$520k area rating surplus at this time.
2018	4241809601*	AR - Fennell - Sherman to Gage (W6 A/R)	800,000	773,245	32,443	(5,688)	100.7%	M. Oddi	Complete - pending final review/audit/payment. Deficit unlikely, pending two year maintenance.
2018	4241809604*	AR - Up Gage - 7th to Concession (W6 A/R)	1,010,000	814,344	192,674	2,982	99.7%	M. Oddi	Complete - pending final review/audit/payment
2018	4241809701*	AR - Mall - private rd to Mohawk (W7 A/R)	350,000	292,668	10,766	46,566	86.7%	M. Oddi	Complete - pending final review/audit/payment. \$47k area rating surplus as a result of favourable tender.
2018	4241809702*	AR - Thorner NHBD (North) (W7 A/R)	1,000,000	667,934	103,531	228,535	77.1%	M. Oddi	Complete - pending final review/audit/payment. \$191k area rating surplus as a result of favourable tender.
2019	4031910006	Minor Construction - 2019	300,000	87,784	47,481	164,735	45.1%	E. Waite / P. McNab	\$150k being used to WIP fund the 2020 program. Ongoing - work in progress.
2019	4031911018	Asset Preservation - Balfour Neighbourhood	2,400,000	1,110,706	909,930	379,364	84.2%	M. Oddi	Ongoing - work in progress (C15-20-18)
2019	4031911019	Asset Preservation - Buchanan Neighbourhood	1,870,000	1,659,912	175,756	34,332	98.2%	M. Oddi	Complete - pending final review/audit/payment
2019	4031911020	Asset Preservation - Mountview Neighbourhood (Southwest Section)	2,402,000	2,029,013	381,237	(8,250)	100.3%	M. Oddi	Complete - pending crack sealing and final review/audit/payment

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2019	4031911021	Asset Preservation - Westdale South Neighbourhood (North Section)	2,517,000	253,154	-	2,263,846	10.1%	E. Waite / R. Andoga	Construction scheduled for 2020, awaiting completion of 2019 neighbourhood Traffic Impact study. 2019 project tender and award imminent.
2019	4031911023	Fern / Cedar / Braeheid	900,000	-	-	900,000	0.0%	E. Waite / Andoga	Fern & Cedar to be coordinated with the Braeheid improvements identified in the 2020 Capital Budget. Construction is scheduled for 2020.
2019	4031911024	Britannia & Cannon - Kenilworth to Strathearne / Garside / Cameron	930,000	94,109	694,006	141,885	84.7%	M. Oddi	Ongoing - work in progress C15-07-19. \$129k surplus at time of award.
2019	4031911025	Dewitt - Highway 8 to Barton	900,000	-	-	900,000	0.0%	E. Waite / R. Andoga	Project to be coordinated with future development and the need for storm sewer upgrades. Design will be carried out in 2020 with construction scheduled for 2021. The funding allocation is to be discussed with the Ward Councillor.
2019	4031911026	North Service Rd - Centennial Pkwy to Drakes	900,000	90,520	24,046	785,434	12.7%	E. Waite / R. Andoga	Deferred to 2020 - revised scope - no longer shave & pave.
2019	4031911028	Strachan - James to east end	100,000	10,058	-	89,942	10.1%	E. Waite / R. Andoga	2019 design only, 2020 utilities coordination and 2021 construction.
2019	4031911029	LRT York - Caroline to Dundurn & Cannon - James to York	90,000	-	-	90,000	0.0%	S. Jacob	Finalizing the detailed design. Fall 2019 Tender with construction in 2020
2019	4031911222	New Sidewalk Program - 2019	500,000	50,289	-	449,711	10.1%	E. Waite / R. Andoga	Ongoing - work in progress
2019	4031911225	Geotechnical Investigation Program - 2019	700,000	136,883	593,119	(30,002)	104.3%	E. Waite / P. McNab	Ongoing - work in progress. Anticipate 100% spent by year end 2020

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2019	4031911601	Council Priority - Ward 1 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911602	Council Priority - Ward 2 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911603	Council Priority - Ward 3 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911604	Council Priority - Ward 4 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911605	Council Priority - Ward 5 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests. \$30k being used to WIP fund 2020 Capital Budget project for the resurfacing of Galbraith / Second Street N.
2019	4031911606	Council Priority - Ward 6 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911607	Council Priority - Ward 7 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911608	Council Priority - Ward 8 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911609	Council Priority - Ward 9 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911610	Council Priority - Ward 10 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911611	Council Priority - Ward 11 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911612	Council Priority - Ward 12 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.

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2019	4031911613	Council Priority - Ward 13 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911614	Council Priority - Ward 14 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031911615	Council Priority - Ward 15 Minor Rehabilitation	200,000	20,116	-	179,884	10.1%	E. Waite / P. McNab	% spent based on Councillor requests.
2019	4031914405	Contaminated Soil & Rock Disposal 2019	960,000	140,718	83,587	735,695	23.4%	E. Waite / P. McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2019	4031917943	Sherman Access East Retaining Wall Replacement	170,000	17,098	-	152,902	10.1%	E. Waite / R. Sandoval	Ongoing - multi-year project. Technical Study in 2019, Design in 2020 and Construction 2022 .
2019	4031918048	Bridge 048 - Jones St, 110m w/o King St E	30,000	8,176	16,171	5,653	81.2%	E. Waite / R. Sandoval	2019 ESA, 2020 Design, 2022 Construction
2019	4031918126	Bridge 126 - Regional Rd 56, 605m n/o Guyatt Rd	170,000	17,098	-	152,902	10.1%	E. Waite / R. Sandoval	Ongoing multi-year project. Project deferred due to future tunneling project at Golf Club Rd and R.R. 56. ESA to be completed in 2020, Design 2021, Construction 2023
2019	4031918217	Bridge & Culvert Maintenance - 2019	2,000,000	963,229	712,854	323,916	83.8%	E. Waite / R. Sandoval	Ongoing - work in progress
2019	4031918218	OSIM Bridge and Culvert Inspections - 2019	340,000	158,107	91,746	90,148	73.5%	E. Waite / R. Sandoval	Ongoing - work in progress
2019	4031918219	Structural Investigations and Reports - 2019	100,000	10,058	-	89,942	10.1%	E. Waite / R. Sandoval	Ongoing - work in progress
2019	4031918342	Bridge 342 - Westover Rd, 245m n/o Highway No. 8	170,000	28,675	52,294	89,031	47.6%	E. Waite / R. Sandoval	2019 Technical Study/ESA, 2020 Design, 2022 Construction
2019	4031918433	Bridge 433 - Westbrook Road, 135m n/o Regional Rd 9A	40,000	4,023	-	35,977	10.1%	E. Waite / R. Sandoval	West Lincoln Project - Cost to cost share as per boundary road agreement. 2019 design, 2021 construction.
2019	4031918975	MTO/City Cost Shared Service Rd Culverts	2,000,000	201,156	-	1,798,844	10.1%	E. Waite / R. Sandoval	MTO project, City to Cost share. 2019 Tender, and 2020/2021 Construction

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**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2019	4031919110	Barton - Parkdale to Talbot	100,000	10,058	-	89,942	10.1%	E. Waite / R. Andoga	2019 design only, 2020 utilities coordination and 2021 construction.
2019	4031919111	Brampton - Parkdale to Strathearne	1,340,000	772,803	567,322	(125)	100.0%	M. Oddi	Ongoing - work in progress (C15-36-18)
2019	4031919112	Brucevale - Upper Wentworth to Upper Sherman (Eastmount Nhd)	1,170,000	430,920	694,923	44,157	96.2%	M. Oddi	Ongoing - work in progress (C15-59-18)
2019	4031919114	Cheever - Barton to Birge and Birge - Cheever to Wentworth	380,000	48,777	326,321	4,902	98.7%	M. Oddi	Ongoing - work in progress (C15-17-18)
2019	4031919116	Haddon - Sterling to Marion	530,000	53,306	-	476,694	10.1%	E. Waite / R. Andoga	Project delayed until 2020 to coordinate with Westdale Neighbourhood resurfacing. Tender and award pending.
2019	4031919117	Parkdale - Burlington to north end & Steel City Court	3,323,000	2,758,217	588,352	(23,569)	100.7%	M. Oddi	Complete - pending final review/audit/payment
2019	4031919118	Roxborough - Kenilworth to Strathearne (Homeside Neighbourhood)	100,000	11,482	-	88,518	11.5%	E. Waite / R. Andoga	Design 2019, construction 2020
2019	4031919119	Sheaffe / Park / Mulberry (Central Nhd (North))	1,800,000	181,733	340,000	1,278,267	29.0%	E. Waite / R. Andoga	Deferred to 2020 due to combined sewer issues. MacNab rehabilitation to be done stand alone in 2019.
2019	4031921960	Fleet Additions - Engineering Services - Construction	200,000	131,557	-	68,443	65.8%	M. Oddi	Vehicles have been ordered, delivery and outfitting expected in late fall of 2019.
2019	4031949555	QA-QC Service Contract 2019	150,000	15,087	7,901	127,013	15.3%	E. Waite / R. Andoga	Ongoing - work in progress. Anticipate 100% spent/committed Q1 2020
2019	4031955556	Mapping Update - 2019	40,000	4,023	20,500	15,477	61.3%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2020
2019	4031955944	Transportation EA - Hwy 56 - Rymal to Binbrook	207,000	-	147,390	59,610	71.2%	E. Waite / D. Sharma	Project initiated. Consultant to be hired mid July 2019. Anticipated completion 2020.
2019	4031955962	Road Network Pavement Inspection	450,000	174,751	144,566	130,683	71.0%	E. Waite / R. Andoga	Road inspection complete, awaiting data delivery. QA / QC to be carried out.

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2019	4031957944	PW Asset Management (PW-AM) System Evaluation	1,500,000	386,257	-	1,113,743	25.8%	P. Leishman	Project delayed due to time required to evaluate CETA with legal and procurement. Anticipate additional \$350k spent by year end 2019.
2019	4041810417	Retaining Wall Rehabilitation - 2018	880,000	580,207	269,710	30,083	96.6%	E. Waite / R.Sandoval	Move remaining available funding to 2019
2019	4041910004	Escarpment Slope Stabilization Program - 2019	1,000,000	295,891	220,578	483,531	51.6%	E. Waite / R.Sandoval	Ongoing - work in progress
2019	4041910417	Retaining Wall Rehabilitation - 2019	850,000	85,492	5,000	759,508	10.6%	E. Waite / R.Sandoval	Ongoing - work in progress
2019	4031919115*	Delena / Beland / Dunsmure	100,000	10,058	-	89,942	10.1%	E. Waite / R. Andoga	2019 design only, 2020 utilities coordination and 2021 construction.
2019	4241909203*	W2 Concrete Planters	100,000	-	-	100,000	0.0%	M. Oddi	Quote Q2-19 closed late October - work to be done by end of November
2019	4241909402*	Melvin Avenue Resurfacing	1,030,000	229	771,435	258,336	74.9%	M. Oddi	Contract C15-07-19 (H) - 2020 construction. \$244k surplus at time of award.
2019	4241909403*	Tragina - Normandy to Main	300,000	121	226,376	73,503	75.5%	M. Oddi	Ongoing - work in progress (C15-07-19) - construction 2020. \$69k surplus at time of award.
Total Roads - Engineering Services			216,955,590	132,371,822	27,549,948	57,033,820	73.7%		

Roads - Traffic & Operations Maintenance

2014	4031420425	HWDSB - Upper Wentworth & Fieldway	250,000	412,801	-	(162,801)	165.1%	E. Soldo / K. K. Wyskiel	This project is to be cost recovered from the school board (funds not recovered yet) Work has been completed and legal is reviewing. Pending Reconciliation
2014	4031420622	North End Traffic Mgmt Plan	1,300,000	1,233,102	75,318	(8,420)	100.6%	E. Soldo / S. Molloy / B. Purins	Complete - pending final review/audit/payment. Costs to be finalized, bills not received yet.
2014	4031441460	Salt/Sand Storage Rehab	400,000	373,315	17,040	9,645	97.6%	E. Soldo / B. Paul	Ongoing - work in progress - anticipate 100% spent/committed 2019
2014	5121490530	Sign Kiosks & Poster Sleeve Program	200,000	35,596	16,610	147,794	26.1%	E. Soldo / Blackburn	contract closed Oct 16th and is over budget. PO is pending internal discussion.
2014	4241409106*	AR - W1 Calming Strip & Speed Bumps etc (W1 A/R)	200,000	157,395	-	42,605	78.7%	E. Soldo / B. Purins	Cushions completed, billing to be processed.
2014	4241409206*	Poster Kiosks	70,000	1,505	-	68,495	2.2%	E. Soldo / Berenyi	contract closed Oct 16th and is over budget. PO is pending internal discussion.
2015	4031541910	Snow Disposal Facility	2,085,000	389,607	123,475	1,571,918	24.6%	E. Soldo / B. Paul	North end land acquisition with Portfolio Mgmt Group

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2015	4041514009	New Traffic Signal - Mall Rd (395 Mohawk Rd E)	160,000	-	-	160,000	0.0%	E. Soldo / K. Wyskiel	Design is complete, waiting on Hamilton Housing before beginning construction.
2015	4041514011	New Traffic Signal - Parkside and Hollybush	500,000	331,473	5,777	162,750	67.5%	E. Soldo / Declair / M. Sokol	Complete - pending final review/audit/payment
2015	4041514012	New Traffic Signal - Fifty & South Service Rd (Walmart)	500,000	64,324	-	435,676	12.9%	E. Soldo / Declair / M. Sokol	To be closed once payment received from Walmart.
2015	4041520525	IPS - Intersection Pedestrian Signal - 2015	497,000	173,268	-	323,732	34.9%	E. Soldo / Declair / M. Sokol	\$200k being used to WIP fund 2020 Traffic Engineering - Signal Design project ID 4662020522 & \$120k to WIP fund 2020 Pedestrian Traffic Signals project ID 4662020525. (Levy Funded)
2015	4241509108*	AR - Road Work - Aberdeen from Queen (W1 A/R)	80,000	18,498	-	61,502	23.1%	E. Soldo / Ferguson	Report submitted to PWC on June 17, recommended works are underway.
2016	4031615820	Traffic Counts Program - 2016	150,000	84,608	2,877	62,515	58.3%	E. Soldo / Aitchison	\$50k being used to WIP fund 2020 Traffic Counts project ID 4662020820. (Levy Funded)
2016	4031655641	Cordon Count Project	119,200	96,682	-	22,518	81.1%	E. Soldo / Ferguson	Project transferred to TOM Feb 2019, work ongoing.
2016	4031655642	Victoria - 2-way Conversion	360,000	33,881	339,630	(13,511)	103.8%	E. Soldo / Declair	Complete - will close once commitments are paid/cleared
2016	4031655643	Area Specific TM Plans	507,970	87,700	152,903	267,367	47.4%	E. Soldo / Ferguson / B. Purins	Aberdeen Report sent to PWC on 07/17/19 Kenilworth Report completed Queen St - Road work to be completed in Summer 2019. Before studies completed. Victoria Ave - Pavement Marking design completed. Construction not expected until at least 2020
2016	4041610018	Low-Wattage-LED Replace	9,200,000	8,253,755	231,250	714,995	92.2%	E. Soldo / M. Field	Complete - will close once commitments are paid/cleared
2016	4041710017	Street Lighting Capital Program - 2017	740,000	658,337	45,894	35,769	95.2%	E. Soldo / M. Field	Ongoing - work in progress - funding allocated to PW capital construction projects
2016	4041757722	Road Operations - GPS/AVL Service	470,000	368,328	5,917	95,755	79.6%	E. Soldo / R. Jakubowski	Ongoing - work in progress - additional hardware required, anticipate 100% spent/complete Q4-2019
2016	4041757723	CMMS Mobile Application	360,000	243,845	94,178	21,977	93.9%	E. Soldo / R. Jakubowski	Ongoing - 90% project completion Q4 2019 and remaining 10% Q1 2020.

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2016	4661620008	New Traffic Signal Installation Program - 2016	1,250,000	654,735	-	595,265	52.4%	E. Soldo / Decleir / M. Sokol	Ongoing. Governors/Huntingwood to be completed in 2019.
2016	4661620540	Traffic Signal Modernization Coordinated with ESI - 2016	1,230,000	668,699	-	561,301	54.4%	E. Soldo/ Decleir /King	Complete - pending final review/audit/payment
2016	4661620630	Two Way Road Conversion	1,130,000	285,454	137,034	707,512	37.4%	E. Soldo/ Decleir	\$500k being used to WIP fund 2020 Traffic Signal Modernization project ID 4662020010. (Levy Funded)
2016	4241609107*	AR - Ainslie Wood St MP (W1 A/R)	150,000	150,856	5,415	(6,271)	104.2%	E. Soldo / Ferguson / B. Purins	Will close purchase order and account.
2017	4031710012	Railway Roadway Crossings Rehab Program - 2017	150,000	124,775	24,186	1,039	99.3%	E. Soldo / M. Field / Decleir	Reviewing invoice with CN
2017	4031710715	Railway Crossings - Review and Upgrades	1,563,000	72,192	97,447	1,393,361	10.9%	E. Soldo / M. Field	Final safety report completed. Repair work being coordinated and planned into 2021.
2017	4031717241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2017	210,000	66,428	114,148	29,425	86.0%	E. Soldo / Berenyi	Waterdown fence project complete. final invoice pending. Misc fence repairs 50% complete - invoices pending
2017	4031720722	North End Traffic Management Plan (NETMP) Study	250,000	127,728	12,839	109,433	56.2%	E. Soldo / S. Molloy / B. Purins	Ongoing - work in progress - bridge still under construction
2017	4031741760	Chedoke Yard Salt Dome	91,000	80,034	9,680	1,285	98.6%	E. Soldo / B. Paul	Yard hydrants complete - final invoice for Rymal yard pending.
2017	4031755019	Lincoln M. Alexander & Red Hill Valley Parkway Lighting Study	130,000	126,496	-	3,504	97.3%	E. Soldo / M. Field	Complete - will close once commitments are paid/cleared
2017	4031780180	Mohawk - Wilson to Hwy 403	150,000	91,640	59,619	(1,259)	100.8%	E. Soldo / K. Wyskiel	Study complete. Account to be closed.
2017	4041710016	Street Lighting Program - New Lights - 2017	700,000	441,314	13,552	245,134	65.0%	E. Soldo / M. Field	Ongoing - work in progress - funding allocated to PW capital construction projects

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2017	4661720001	ATMS - Advanced Traffic Management System - 2017	2,910,000	2,127,590	748,177	34,233	98.8%	E. Soldo / C. King	Ongoing - work in progress - anticipated completion date Q4 2019
2017	4661720008	New Traffic Signal Installation Program - 2017	705,000	579,075	-	125,925	82.1%	E. Soldo / Declair / M. Sokol	Complete - pending final review/audit/payment
2017	4661720019	Traffic Controller Replacement - 2017	150,000	18,334	-	131,666	12.2%	E. Soldo / C. King	\$100k being used to WIP fund 2020 Traffic Controller Replacement project ID 4662020019. (Levy Funded)
2017	4661720522	Traffic Engineering - Signal Design - 2017	85,000	56,965	-	28,035	67.0%	E. Soldo / Declair / M. Sokol	Complete - will close once commitments are paid/cleared
2017	4661720540	Traffic Signal Modernization Coordinated with ESI - 2017	750,000	252,092	12,364	485,543	35.3%	E. Soldo/ Declair /King	Complete - pending final review/audit/payment
2017	4661720721	Pedestrian Crossovers	1,000,000	364,508	52,575	582,917	41.7%	E. Soldo / Declair / M. Sokol	Barton & Brunswick - Civil to be complete by Q4 2020, Kitty Murray & Belfort Terrace - Civil to be completed by Q4 2020
2017	4661720722	Overhead Sign Structure	500,000	142,983	-	357,017	28.6%	E. Soldo / M. Field	Critical repairs completed in September, payment of contractor invoicing pending.
2017	4661720726	New Traffic Signal - Dundas @ Evans/Skinner	250,000	-	-	250,000	0.0%	E. Soldo / Declair / M. Sokol	Development project not started - No Status Update
2018	4031810005	Major Road Maintenance Program - 2018	1,000,000	1,000,083	-	(83)	100.0%	E. Soldo / R. Marques	Complete - will close once commitments are paid/cleared
2018	4031810012	Railway Roadway Crossings Rehab Program - 2018	173,700	110,699	64,824	(1,822)	101.0%	E. Soldo / M. Field / Declair	Subject to capital plan from railways for 2019. CN preliminary plan received includes 20K for Lewis Road and 190K for Victoria.
2018	4031815820	Traffic Counts Program - 2018	150,000	98,499	1,489	50,013	66.7%	E. Soldo / R. Aitchison	\$50k being used to WIP fund 2020 Traffic Counts project ID 4662020820. (Levy Funded)
2018	4031817241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2018	150,000	-	122,405	27,595	81.6%	E. Soldo / Berenyi	Misc fence repairs 50% complete and ongoing - invoices pending
2018	4031817677	Preventative Maintenance Program - 2018	2,790,000	2,404,567	354,886	30,547	98.9%	E. Soldo / Berenyi	Work complete for 2019. final invoice pending.

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2018	4031821350	Fleet Additions - Roads O&M - 2018	300,000	173,193	-	126,807	57.7%	E. Soldo / B. Paul / M. Williams	waiting on Business case approval and work plan meetings to be held mid November to finalize projects
2018	4031841762	Yard Facility Maintenance & Improvement Program - 2018	208,000	154,646	55,996	(2,642)	101.3%	E. Soldo / B. Paul	Yard hydrants complete - final invoice for Rymal yard pending.
2018	4031851410	Roads Small Equip Purchase - 2018	78,000	15,146	24,783	38,070	51.2%	E. Soldo / B. Paul / M. Williams	inventory is complete organizing the replacement for each district, this process will be complete and money all spent by the end of Q4 2019
2018	4041810017	Street Lighting Capital Program - 2018	420,000	98,716	212,554	108,730	74.1%	E. Soldo / M. Field	Ongoing - work in progress - funding allocated to PW capital construction projects
2018	4041811351	Roads - Alleyway Rehabilitation - 2018	139,000	668	8,780	129,552	6.8%	E. Soldo / K. Wyskiel	Alleyway report submitted to November PW Committee.
2018	4041817384	Guide Rail Replacement Program - 2018	410,000	386,233	2,537	21,230	94.8%	E. Soldo / R. Marques	Ongoing - work in progress - anticipate 100% spent/committed Q4 2019
2018	4661820001	ATMS - Advanced Traffic Management System - 2018	790,000	511,009	186,205	92,786	88.3%	E. Soldo / C. King	Ongoing - work in progress - anticipated completion date Q4 2019
2018	4661820008	New Traffic Signal Installation Program - 2018	600,000	276,872	12,810	310,318	48.3%	E. Soldo / Decleir / M. Sokol	Remaining funding to be used for RR 20/Westbrook. Delayed due to Boundary Agreement with Region of Niagara.
2018	4661820010	Traffic Signal Modernization & Upgrades Program - 2018	870,000	723,431	-	146,569	83.2%	E. Soldo / Decleir / C. King	\$150k being used to WIP fund 2020 Traffic Signal Modernization project ID 4662020010. (Levy Funded)
2018	4661820019	Traffic Controller Replacement - 2018	600,000	90,068	-	509,932	15.0%	E. Soldo / C. King	\$300k being used to WIP fund 2020 Traffic Controller Replacement project ID 4662020019. (Levy Funded)
2018	4661820522	Traffic Engineering - Signal Design - 2018	360,000	50,707	78,345	230,948	35.8%	E. Soldo / Decleir / M. Sokol	Ongoing - work in progress - project underway
2018	4661820525	IPS - Intersection Pedestrian Signal - 2018	600,000	241,512	338,399	20,089	96.7%	E. Soldo / Decleir / M. Sokol	Upper James at Jameston nearing completion, anticipated completion Q4 2019.

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2018	4661820540	Traffic Signal Modernization Coordinated with ESI - 2018	650,000	251,245	80,344	318,411	51.0%	E. Soldo / Decleir / C. King	Complete - pending final review/audit/payment
2018	4661820720	Plastic Pavement Marking Rehabilitation - 2018	200,000	88,415	-	111,585	44.2%	E. Soldo / M. Field	Contractor is currently completing pavement markings. Completion November 2019.
2018	4661820810	Queen - Aberdeen to Main Two Way Conversion	1,100,000	140,882	-	959,118	12.8%	E. Soldo / Decleir	Design at 90% - Construction to start in Q2 2020
2018	4661820820	New Traffic Signal - Garner & Raymond	250,000	(5,215)	-	255,215	-2.1%	E. Soldo / Decleir / M. Sokol	Work is complete, charges to be processed.
2018	4661820821	New Traffic Signal - Drakes @ North S Rd	350,000	84,606	10,208	255,186	27.1%	E. Soldo / Decleir / C. Olszewski	Signal Design at 90% - Signal Installation Q2/Q3 2020
2018	4661820822	New Traffic Signal - Fifty @ North S Rd	80,000	-	69,377	10,623	86.7%	E. Soldo / Decleir / M. Sokol	Ongoing - ITS Completed - with MTO
2018	4661820823	New Traffic Signal - Fruitland@North S R	80,000	-	69,377	10,623	86.7%	E. Soldo / Decleir / M. Sokol	Ongoing - ITS Completed - with MTO
2018	4241809207*	AR - Laneway/Alleyway Maintenance (W2 A/R)	30,000	11,324	-	18,676	37.7%	E. Soldo / T. McCleary	2018 Councillor funded project- Ward 2 Roads North works performed as requested
2018	4241809305*	AR - Pedestrian Crossing - Victoria @ Copeland (W3 A/R)	75,000	1,131	-	73,869	1.5%	E. Soldo / Decleir / M. Sokol	Works underway, tentatively scheduled to be completed in Q4.
2018	4241809802*	AR - Sidewalks-Mountable Curbs (W8 A/R)	215,000	45,150	-	169,850	21.0%	E. Soldo / R. Marques	Ongoing - work in progress - anticipate 100% spent/committed Q4 2019
2019	4031910005	Major Road Maintenance Program - 2019	1,000,000	196,321	167,820	635,859	36.4%	E. Soldo / R. Marques	Remaining funds to be used for Highway 8 road repairs.
2019	4031910012	Railway Roadway Crossings Rehab Program - 2019	150,000	(7,413)	-	157,413	-4.9%	E. Soldo / M. Field	Demand on this program is directly related to rail authorities.

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2019	4031911224	Sidewalk Rehabilitation Program - 2019	750,000	429,529	212,395	108,077	85.6%	E. Soldo / R. Marques	Ongoing - work in progress - anticipated completion date Q4 2019
2019	4031917241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2019	150,000	-	17,400	132,600	11.6%	E. Soldo / Berenyi	New RFQ and PO for 2020 misc. fence repairs to be established by Q1 2020.
2019	4031917677	Preventative Maintenance Program - 2019	2,200,000	792,166	1,421,276	(13,442)	100.6%	E. Soldo / Berenyi	Work complete for 2019. final invoice pending.
2019	4031921350	Fleet Additions - Roads O&M - 2019	200,000	-	-	200,000	0.0%	E. Soldo / B. Paul / Williams	waiting on Business case approval and work plan meetings to be held mid November to finalize projects
2019	4031941762	Yard Facility Maintenance & Improvement Program - 2019	240,000	16,389	-	223,611	6.8%	E. Soldo / B. Paul	To be completed in 2020.
2019	4031951410	Roads Small Equip Purchase - 2019	50,000	-	30,000	20,000	60.0%	E. Soldo / Paul / M. Williams	inventory is complete organizing the replacement for each district, this process will be complete and money all spent by the end of Q4 2019
2019	4031955622	Active Transport Benchmarking - 2019	68,000	8,281	20,590	39,129	42.5%	E. Soldo / R. Aitchison	Ongoing - work in progress - to be spent in 2019 and 2020. Future works combined with Traffic Counts Program.
2019	4031955963	IoT & Smart Cities Street Lighting Strategy Development	150,000	15,087	-	134,913	10.1%	E. Soldo / M. Field	Funds being held and coordinated with if CAV test bed project in 2020.
2019	4031980940	New Signal - Garner @ Hwy 6	400,000	-	-	400,000	0.0%	E. Soldo / Declair / M. Sokol	Development project not started - No Status Update
2019	4031980941	New Signal - Dundas @ Pamela	230,000	469	-	229,531	0.2%	E. Soldo / Declair / M. Sokol	Civil works in progress - 40% Complete - Activation Q2 2020
2019	4031980942	New Signal - Dundas @ Mallard	230,000	1,416	-	228,584	0.6%	E. Soldo / Declair / M. Sokol	Civil works in progress - 40% Complete - Activation Q2 2020
2019	4041910017	Street Lighting Capital Program - 2019	500,000	4,896	28,410	466,694	6.7%	E. Soldo / M. Field	Ongoing, project delays due to resourcing

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2019	4041917384	Guide Rail Replacement Program - 2019	400,000	46,500	66,006	287,494	28.1%	E. Soldo / R. Marques	Ongoing - work in progress - anticipated completion date Q4 2019
2019	4041941963	Brock Rd and Rockton Yard Improvements	210,000	1,514	23,000	185,486	11.7%	E. Soldo / B. Paul / S. Poole	Hiring consultant for Phase 1 of improvements for Quanson hut improvements. Propane heating, cistern install Q3 2020
2019	4241909101	Inchbury Speed Cushions	10,000	-	-	10,000	0.0%	E. Soldo / B. Purins	Ongoing - to be completed in Q4
2019	4241909102	Oxford Speed Cushions	10,000	-	-	10,000	0.0%	E. Soldo / B. Purins	Ongoing - to be completed in Q4
2019	4241909404	A/R - Shelby Ave Speed Cushions	11,000	-	11,000	-	100.0%	E. Soldo / B. Purins	To be completed in 2020
2019	4241909405	A/R - Wexford Speed Cushions	5,600	-	-	5,600	0.0%	E. Soldo / B. Purins	Ongoing - to be completed in Q4
2019	4241909406	A/R - London St Speed Cushions	12,000	-	-	12,000	0.0%	E. Soldo / B. Purins	To be completed in 2020
2019	4241909502	W5 Traffic Calming	130,000	-	-	130,000	0.0%	E. Soldo / D. Ferguson	To be completed in 2020
2019	4241909601	A/R - Oakcrest Speed Cushions	12,000	-	-	12,000	0.0%	E. Soldo / B. Purins	Ongoing - to be completed in Q4
2019	4241909804	A/R - Queensdale Speed Cushions	16,800	-	16,800	-	100.0%	E. Soldo / B. Purins	Ongoing - to be completed in Q4
2019	4661915820	Traffic Counts Program - 2019	300,000	40,416	51,126	208,458	30.5%	E. Soldo / R. Aitchison	\$100k being used to WIP fund 2020 Traffic Counts project ID 4662020820. (Levy Funded)
2019	4661916102	Traffic Calming - Various	373,300	219,755	48,751	104,794	71.9%	E. Soldo / D. Ferguson	Work to be completed Q3, billings to be completed by Q4.
2019	4661920001	ATMS - Advanced Traffic Management System - 2019	2,250,000	633,700	201,562	1,414,737	37.1%	E. Soldo / C. King	Ongoing - work in progress - project underway
2019	4661920008	New Traffic Signal Installation Program	850,000	26,197	654,948	168,855	80.1%	E. Soldo / Declair / M. Sokol	Ongoing - work in progress - tender closed
2019	4661920010	Traffic Signal Modernization & Upgrades Program - 2019	800,000	169,095	605,688	25,218	96.8%	E. Soldo / Declair / C. King	Green & Queenston - Signal Works delayed to Q2 2020, Stone Church & Creekside - Signal to be activated Q4 2019, Hatt & Creekside - Signal to be activated Q4 2019
2019	4661920017	Traffic Signal LED Upgrades - 2019	150,000	-	-	150,000	0.0%	E. Soldo / Declair	Work complete. Charges to be posted.

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2019	4661920019	Traffic Controller Replacement - 2019	720,000	78,669	-	641,331	10.9%	E. Soldo / C. King	Project delayed due to vendor performance issues. Extending into 2020.
2019	4661920522	Traffic Engineering - Signal Design - 2019	200,000	-	-	200,000	0.0%	E. Soldo / Decleir / M. Sokol	Ongoing - work in progress - project underway
2019	4661920525	IPS - Intersection Pedestrian Signal - 2019	100,000	-	92,000	8,000	92.0%	E. Soldo / Decleir / M. Sokol	King & Wexford - Near completion - Activation Q4 2019
2019	4661920531	APS - Accessible Pedestrian Signals - 2019	150,000	123,571	13,773	12,656	91.6%	E. Soldo / C. King	Ongoing - work in progress - project underway
2019	4661920540	Traffic Signal Modernization Coordinated with ESI - 2019	1,100,000	171,224	138,195	790,581	28.1%	E. Soldo / Decleir / C. King	Locke & Tucket - PXO To be activated Q4 2019, Locke & Hunter - PXO To be activated Q4 2019, Burlington & Parkdale - Signal Activated (completed), Rymal & Terryberry - Design 90% / Construction 2020, Rymal & Second - Design 90% / Construction 2020, Rymal & Fortinos - Design 90% / Construction 2020, Rymal & RR56 - Design 90% / Construction 2020
2019	4661920720	Plastic Pavement Marking Rehabilitation - 2019	200,000	2,600	-	197,400	1.3%	E. Soldo / M. Field	Ongoing - work in progress
2019	4661920921	New Traffic Signal - Waterdown Rd/Mill St @ Mountain	250,000	-	-	250,000	0.0%	E. Soldo / Decleir / M. Sokol	Project Delayed by City of Burlington.
2019	4661920922	New Traffic Signal - Rymal Rd west of Walmart Access	100,000	-	-	100,000	0.0%	E. Soldo / Decleir / M. Sokol	Design at 90% - Construction to start in 2020
2019	4661920923	New Traffic Signal - RR 56 at Dalgleish Rd	250,000	-	-	250,000	0.0%	E. Soldo / K. Wyskiel	Design at 90% - Construction to start in 2020
2019	4661920924	New Traffic Signal - Hughson at Hunter	100,000	-	-	100,000	0.0%	E. Soldo / Decleir / M. Sokol	Preliminary Design at 25% - Completion Q2/Q3 2020
2019	4661920925	Traffic Signal Modifications - First Rd at Mud St	150,000	-	-	150,000	0.0%	E. Soldo / Decleir / M. Sokol	Design Completed - Signal Works to be completed by Q2 2020 - Development Project
2019	4661920926	New Traffic Signal - Rymal at Canadian Tire Access	200,000	-	-	200,000	0.0%	E. Soldo / Decleir / M. Sokol	Design at 90% - Construction to start in 2020

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2019	4661920927	New Traffic Signal - Rymal (opposite Celestial Crescent)	100,000	-	-	100,000	0.0%	E. Soldo / Decleir / M. Sokol	Design at 90% - Construction to start in 2020
2019	4661920930	Neighbourhood Speed Reduction Initiative	400,000	108	125,000	274,892	31.3%	E. Soldo / B. Purins	Program initiated Fall 2019, anticipated completion date Q2 2020.
2019	4661920945	Fibre Optics Communication Cable	450,000	-	-	450,000	0.0%	E. Soldo / C. King	Project on hold, being re-assessed against ATMS objectives.
2019	4661920988	Signal Controller Wrapping Project	150,000	-	-	150,000	0.0%	E. Soldo / C. King	Controller wrapping completed, awaiting invoicing to process payments.
2019	4661955942	Victoria Ave N - One-way to Two-way Traffic Conversion - Phase 2	450,000	15,908	61,048	373,044	17.1%	E. Soldo / DeCleur	Project delayed until 2020 due to delays caused by CN and Alectra/Bell.
2019	4661955946	Autonomous / Connected Vehicles	300,000	-	-	300,000	0.0%	E. Soldo / D. Ferguson	Funds being held and coordinated with if CAV test bed project in 2020.
2019	4241909141*	Mountable Curbs Ward 14	54,000	-	54,000	-	100.0%	E. Soldo / R. Marques	Ongoing - work in progress - anticipated completion date Q4 2019
2019	4241909501*	W5 Sidewalk Repairs	160,000	162,816	-	(2,816)	101.8%	E. Soldo / R. Marques	Ongoing - work in progress - anticipated completion date Q4 2019
Total Roads - Traffic & Operations Maintenance			61,614,570	29,552,718	8,152,015	23,909,837	61.2%		
Total Public Works - Tax Supported			1,094,370,240	675,394,332	123,726,493	295,249,415	73.0%		

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<u>CAPITAL DELIVERY SECTION</u>									
<u>Water Rates</u>									
2011	5141166110	WTP - Process Upgrades	26,010,000	9,016,372	19,782,251	(2,788,623)	110.7%	S. Leitch	STATUS: Work in Progress - Construction (Process Upgrades - Phase 1). NEXT STEPS: Substantial Performance Q4 2021. Negative balance due to budgets being approved on a cash flow basis (\$102M future budgets approved, 2019 - 2028).
2012	5141267270	Water Control Valve Upgrades	2,860,000	2,182,545	325,993	351,462	87.7%	S. Leitch	STATUS: Work Complete. NEXT STEPS: Account to be closed once purchase orders have been closed.
2012	5141267272	Hillcrest Reservoir - HDR02	11,200,000	10,796,709	34,250	369,040	96.7%	S. Leitch	STATUS: Work Complete. NEXT STEPS: Account to be closed once purchase orders have been closed.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,355,000	1,333,925	1,847,873	173,202	94.8%	S. Leitch	STATUS: Work in Progress - Construction (Pump Station). Substantial Performance (Valve Replacement). NEXT STEPS: Substantial Performance Q1 2020 (Pump Station).
2012	5141269250	HVAC Upgrade New Lab & Admin	5,620,000	984,287	149,025	4,486,688	20.2%	S. Leitch	STATUS: Work in Progress - Conceptual Design to descope and reconfigure the HVAC and interior project scope for the Laboratory Upgrades (Q2 2019). NEXT STEPS: Design & Contract Admin - Lab HVAC & Interior Upgrades Q3 2020.
2013	5141395353	Ferguson HD002 Pumping Stn	2,600,000	391,809	35,579	2,172,612	16.4%	S. Leitch	STATUS: Work in Progress - Condition Assessment (HD0X2 Old Ferguson Water Pumping Station). NEXT STEPS: Request for Proposals for Design - New Ferguson PS (Phase 2 Upgrades) Q4 2019.
2015	5141567520	HDR05 Reservoir Upgrades	4,192,000	398,239	3,529,936	263,825	93.7%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2020.
2015	5141567575	High Lift PS Upgrades Phase 2	880,000	386,601	32,677	460,722	47.6%	S. Leitch	STATUS: Work Complete - Field Study (HLPs Power Distribution & Protection Setup). NEXT STEPS: Construction - Power Distribution (Recommissioning) Q4 2019.
2015	5141567577	Security - Water PS Facilities	5,600,000	2,206,529	420,855	2,972,616	46.9%	S. Leitch	STATUS: Substantially Performed (Physical Security - Fencing).
2016	5141666110	WTP - Corrosion Control	7,660,000	7,328,840	150,069	181,091	97.6%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once the maintenance and warranty period expires Q4 2019.
2016	5141666608	Lynden Additional Water Supply	7,965,000	2,455,481	4,699,691	809,828	89.8%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2020.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	3,140,000	441,050	2,544,092	154,858	95.1%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2020.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	6,040,000	5,107	-	6,034,893	0.1%	S. Leitch	STATUS: Awaiting completion of the PD18 Ancaster Tower EA for the Ultimate Upgrades. NEXT STEPS: Request for Proposals for Design - Garner Rd Interim Upgrades Q3 2019.
2016	5141667422	Osler Road HD011 WPS	2,569,000	1,414,659	804,009	350,331	86.4%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2019.
2016	5141667424	Freelton Tower HDT03 Upgrades	3,600,000	2,130,638	257,178	1,212,184	66.3%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q1 2020.
2016	5141695883	York & Valley HD016 WPS (W-26)	3,710,000	174,245	25,328	3,510,427	5.4%	S. Leitch	STATUS: Work in Progress - Request for design to be awarded Q4 2019. NEXT STEPS: RFPQ for Construction Q3 2020.

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2017	5141766421	WTP Fluoride Building HVAC	470,000	53,280	-	416,720	11.3%	S. Leitch	STATUS: Work Completed - Air Quality Study. NEXT STEPS: Policy 11 cancelled, work to be procured differently Q4 2019
2017	5141767420	Carlisle Well Stn Sys Enhance	940,000	58,856	-	881,144	6.3%	S. Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q1 2020.

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2017	5141767650	New Greensville Communal Well	1,250,000	68,254	24,987	1,156,760	7.5%	S. Leitch	STATUS: Awaiting completion of Schedule C EA for the Greensville New Well. NEXT STEPS: Issue Project Charter Q4 2019.
2017	5141795850	Greenhill PS HD04B & HD05A	9,820,000	380,427	756,436	8,683,137	11.6%	S. Leitch	STATUS: Work in Progress - Construction (Immediate Needs) & Conceptual Design (Ultimate Upgrades). NEXT STEPS: Substantial Performance (Immediate Needs) Q4 2019 & Design (Ultimate Needs) 2019.
2018	5141867651	HD007 Highland Rd Reservoir	260,000	-	47,029	212,971	18.1%	S. Leitch	STATUS: Timing of this project is aligned with the Reservoir Capital Coordination Schedule. NEXT STEPS: Issue Project Charter Q4 2019.
2019	5141966911	WTP - Bio Filtration Study	150,000	-	-	150,000	0.0%	S. Leitch	NEXT STEPS: Issue Project Charter Q4 2019.
2019	5141967375	Kenilworth&Ben Nevis Reservoir	7,550,000	58,033	536,045	6,955,922	7.9%	S. Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q4 2019.
Sub-Total Capital Delivery - Water			117,441,000	42,265,888	36,003,302	39,171,810	66.6%		
Wastewater - Rates									
2009	5160966912	Decommission Waterdown WWTP-WW08	6,000,000	1,086,520	2,270,905	2,642,574	56.0%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2019.
2010	5161066065	Waste Hauler Receiving Station	3,439,800	1,904,501	1,126,439	408,860	88.1%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2019.
2012	5161266213	Dundas WWTP Improvements	1,420,200	458,795	-	961,405	32.3%	S. Leitch	STATUS: Upgrade project on hold. Work Completed – Feasibility Study (Dundas WWTP Outfall Assessment & Asset Replacement Study). NEXT STEPS: Exploring funding opportunities for the preferred upgrade solution.
2012	5161267270	Ancaster WW Outstations	8,480,000	4,163,197	378,147	3,938,657	53.6%	S. Leitch	STATUS: Substantially Performed (HC009, HC013). Tender for Construction Q1 2020 (HC005). NEXT STEPS: Request for Quotes Q3 2019 (Minor Electrical and Civil Improvements - HC009, HC013).
2012	5161267273	Dundas WW Outstations	2,730,000	1,325,915	70,541	1,333,545	51.2%	S. Leitch	STATUS: Substantially Performed (DC005, DC006). Work Completed - Scope Verification (DC010). NEXT STEPS: Request for Proposals for Design (DC010) Q1 2020.
2013	5161367360	Cormorant & Osprey (HC014)	4,450,000	3,961,554	313,803	174,643	96.1%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2019.
2014	5161467756	Greenhill & Cochrane HCS01	2,920,000	203,083	-	2,716,917	7.0%	S. Leitch	STATUS: Work Completed - Life Cycle Analysis. NEXT STEPS: Issue Project Charter Q4 2019.
2015	5161595858	Binbrook PS Upgrade (WW-20)	6,280,000	3,315,633	1,247,880	1,716,487	72.7%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2019.
2016	5161667622	FC001 DC009 HC011 Upgrades	5,340,000	239,934	590,047	4,510,019	15.5%	S. Leitch	STATUS: Work in Progress - Construction (FC001, DC009) & Design (HC011). NEXT STEPS: Request for Prequalified Contractors Q1 2020 (HC011). Substantial Performance (FC001, DC009) Q1 2020
2017	5161766421	WWTP Methane Sphere Upgrades	4,400,000	3,221,949	832,329	345,722	92.1%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once purchase orders have been closed.
2017	5161767420	Parkdale Av HC001 WW Statn Upg	660,000	30,982	-	629,018	4.7%	S. Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q4 2019.

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2017	5161796786	First Street PS Upgrade DC014	4,930,000	284,603	498,661	4,146,736	15.9%	S. Leitch	STATUS: Work in Progress - Design. Request for Prequalified Q3 2019 Contractors NEXT STEPS: Construction Q4 2019.
2019	5161967123	AEGD Growth Initiative	11,000,000	-	304,808	10,695,192	2.8%	S. Leitch	STATUS: Work in Progress - Design (HC018, HC027, HC019) NEXT STEPS: Request for Prequalified Contractors Q1 2020
2020	5162068851	Pier 25 Dredging - Windermere	170,000	20,285	-	149,715	11.9%	S. Leitch	STATUS: Work in Progress - Feasibility Study.. NEXT STEPS: Design Contract Admin Award Q1 2022.
Sub-Total Capital Delivery - Wastewater			62,220,000	20,216,951	7,633,560	34,369,490	44.8%		
TOTAL CAPITAL DELIVERY SECTION			179,661,000	62,482,839	43,636,862	73,541,300	59.1%		

INFRASTRUCTURE PLANNING & SYSTEMS DESIGN

Water - Rates

2011	5141167150	Greensville New Well – EA	720,000	1,415,583	22,337	(717,920)	199.7%	B. Posedowski	STATUS: Work Completed - Pumping Test and Hydrogeologic investigation, Greensville Subwatershed Study Report. Work in Progress - New Greensville Municipal Well Schedule C EA. NEXT STEPS: Completion of EA Q1 2020. Deficit to be addressed upon closure of project.
2013	5141395354	PD18 Elevated Reservoir W14	2,610,000	412,822	8,850	2,188,329	16.2%	B. Posedowski	STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Completion of EA is Q2 2019. Conceptual Design Award Q1 2020.
2014	5141495551	PD7 Elevated Reservoir W-23	1,990,000	164,912	12,400	1,812,688	8.9%	B. Posedowski	STATUS: Work in Progress - EA & Conceptual Design of PD7 Elevated Tower / Reservoir & New Pumping Station. NEXT STEPS: EA Completion Q4 2019. Detailed Design to Follow
2015	5141555010	Water Systems Planning	450,000	401,233	4,610	44,157	90.2%	B. Posedowski	STATUS: Work in Progress - Servicing alternatives for Ancaster, Screening of Development Applications, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q4 2019.
2015	5141555264	City-Wide Water MP	650,000	78,356	499,252	72,392	88.9%	B. Posedowski	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2015	5141555555	City Wide Groundwater Model	710,000	500,151	84,936	124,913	82.4%	B. Posedowski	STATUS: Work in Progress - Freelon Wellhead Protection Area Delineation. NEXT STEPS: Model Expansion, Database and Stratigraphic Model Updates and Calibration Q3 2019
2015	5141564533	Up Wentworth - Hydro to Twenty	2,200,000	12,638	-	2,187,362	0.6%	B. Posedowski	STATUS: On hold. NEXT STEPS: City Wide Water and Wastewater Master Plan will dictate whether this is required.
2015	5141567273	HD17A PS Replace Decommission	1,930,000	4,047	-	1,925,953	0.2%	B. Posedowski	NEXT STEPS:EA & Conceptual Design - HD17A Main & Whitney Water Pumping Station Upgrades Q3 2019
2015	5141595553	HD12A PS Upgrades (W-04)	720,000	210,453	4,195	505,352	29.8%	B. Posedowski	STATUS: Work in Progress - Class EA - HD12A Governors & Huntingwood. NEXT STEPS: Completion of EA Q3 2019, Design to Follow.
2016	5141664632	Twenty (Greti) to Upper James	1,610,000	184,337	-	1,425,663	11.4%	B. Posedowski	STATUS: On hold. NEXT STEPS: City Wide Water and Wastewater Master Plan will dictate whether this is required.
2016	5141667423	Freelon Well FDF01 Capacity	1,870,000	304,095	34,173	1,531,732	18.1%	B. Posedowski	STATUS: Work Complete - Hydrogeological study, GUDI Investigation & Treatment Capacity Study. NEXT STEPS: Detailed Design to Follow.

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2017	5141767752	WW Outstation Inspection - AM	550,000	248,453	223,292	78,255	85.8%	B. Posedowski	STATUS: Work in Progress - Design of Facility Asset Management Program and Peer Review, Condition Assessments (HDR00, Chlorine Building), Energy Audit of HW facilities (Phase II). NEXT STEPS: Completion Q2 2023.

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2017	5141796752	PD16 Trunk - PS HD016 to Hwy 5	2,570,000	282,002	102,788	2,185,211	15.0%	B. Posedowski	STATUS: Class EA for the Waterdown Trunk Watermain Twinning Q1 2019.NEXT STEPS: Completion Q3 2020
2018	5141855010	Water Systems Planning	300,000	142,786	89,065	68,149	77.3%	B. Posedowski	STATUS: Support for ongoing water system analysis of the LRT intensification corridor, Screening and development application services, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q4 2019.
2018	5141855777	LRT Corridor - Water	570,000	-	-	570,000	0.0%	B. Posedowski	STATUS: On hold.
2018	5141867752	Water Outstation Inspections	660,000	398,306	246,119	15,576	97.6%	B. Posedowski	STATUS: Work in Progress - 2018 Water and Wastewater Financial Plan, Lynden New Well Cost Estimate Peer Review, Condition Assessment (FDG01). NEXT STEPS: Condition Assessment (HDR2A) Q4 2019, Woodward WTP Upgrades DC Study Q4 2019.
2018	5141895852	Carlisle Additnl Water Storage	440,000	-	-	440,000	0.0%	B. Posedowski	NEXT STEPS: Water System Specialist to assess alternatives to the Future Carlisle Water Storage Q4 2019.
2018	5141895956	Water Distribution Model	350,000	-	-	350,000	0.0%	B. Posedowski	NEXT STEPS: WaterCAD Model Update and Maintenance Procedure Q1 2020.
2019	5141955010	Water Systems Planning Program	400,000	-	-	400,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5141955247	Drinking Water System Changes	150,000	28,485	28,258	93,257	37.8%	B. Posedowski	STATUS: Consulting Services - Development Screening and Approval Support in 2019 NEXT STEPS: Completion - Q2 2020
2019	5141955713	Drinking Water System Optimize	220,000	-	-	220,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5141957545	Water - Computer Model	280,000	-	-	280,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5141967752	Water Outstation Inspections	660,000	-	158,995	501,005	24.1%	B. Posedowski	STATUS: Condition Assessments at Different Facilities. NEXT STEPS: Completion Dates Q2 2020
<i>Sub-Total Infrastructure Planning & Systems Design - Water</i>			22,610,000	4,788,659	1,519,268	16,302,073	27.9%		
Wastewater - Rates									
2007	5160755640	Non-trunk Flow Monitoring	500,000	114,300	398,089	(12,389)	102.5%	B. Posedowski	STATUS: Work Complete - Design of Wet Weather Control. NEXT STEPS: Completion of Conceptual Design Q3 2018. Negative balance due to unanticipated tax changes.
2008	5160867751	WW Outstns - Asset Management	2,655,000	1,511,406	1,287,049	(143,455)	105.4%	B. Posedowski	STATUS: Work Complete - Design of Wet Weather Control. Negative balance due to unanticipated tax changes.
2013	5161367752	WW Outstation Inspection - AM	645,000	161,115	494,829	(10,944)	101.7%	B. Posedowski	STATUS: Work in Progress - Design for Facility Asset Management Program. NEXT STEPS: Completion Q2 2023.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	364,709	116,874	73,417	86.8%	B. Posedowski	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2019.
2015	5161555264	City-Wide Wastewater MP	650,000	508,508	75,728	65,764	89.9%	B. Posedowski	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2015	5161555955	Inflow & Infiltration	474,000	400,325	78,516	(4,841)	101.0%	B. Posedowski	STATUS: Work in Progress - HC058 Capacity Analysis and Wet Weather Relief Class EA, West Mountain Flow Monitoring & West 18th, Riverdale East Flooding. NEXT STEPS: Completion Q3 2019.

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2015	5161557545	Wastewater Computer Model	550,000	372,036	192,181	(14,217)	102.6%	B. Posedowski	STATUS: Work in Progress - Rain Gauges Flow Monitoring Services, Hydrologic-hydraulic model for the storm sewer systems of Phase 1 Hamilton Mountain Areas (Ancaster). NEXT STEPS: Completion Q4 2020.
2015	5161567564	HC005 - Schedule C EA	990,000	246,201	144,026	599,772	39.4%	B. Posedowski	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q2 2019. Detailed Design to follow.

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2016	5161655350	Riverdale Flood Relief EA	1,540,000	4,247	-	1,535,753	0.3%	B. Posedowski	STATUS: Work in Progress - Riverdale East and Surrounding Neighbourhood Flooding Remedial Measures & Conceptual Design . NEXT STEPS: Conceptual Design Completion Q2 2019. Detailed Design to follow.
2016	5161655351	Lawfield & Berrisfield Area	185,000	239,105	-	(54,105)	129.2%	B. Posedowski	STATUS: Work Completed - Smoke Testing, Manhole Inspection, Conceptual Design of Neighbourhood I/I Reduction. NEXT STEPS: Consultation with HW Sr Management to decide which solution to pursue. Community Outreach and Education to follow.
2016	5161661434	Upsize Wilson Street Forcemain	270,000	4,875	-	265,125	1.8%	B. Posedowski	NEXT STEPS: Issue Project Charter Q1 2020.
2016	5161667421	New Haulage Receiving Station	1,690,000	192,530	46,191	1,451,280	14.1%	B. Posedowski	STATUS: Work in Progress - Class EA and Conceptual Design. NEXT STEPS: EA Completion Q4 2019. Land Purchase & Detailed Design to follow.
2016	5161695747	Battlefield Trunk Sewer WW-33	12,150,000	1,655,022	-	10,494,978	13.6%	B. Posedowski	STATUS: Scope and timing to be confirmed in Citywide Master Plan. NEXT STEPS: Detailed Design by Engineering Services to follow.
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	4,400,000	442,746	2,401,455	1,555,800	64.6%	B. Posedowski	STATUS: Work Completed - Economic Analysis and Feasibility study to support the Conceptual Design Implementation. NEXT STEPS: Detailed Design.
2017	5161755640	Non-Trunk Flow Monitoring	100,000	125,449	68,018	(93,467)	193.5%	B. Posedowski	STATUS: Citywide Sanitary Service Flow Monitoring. NEXT STEPS: Completion Q1 2020.
2017	5161755955	Inflow & Infiltration	300,000	271,893	5,211	22,896	92.4%	B. Posedowski	STATUS: Work in Progress - Glen Road Inspection and Monitoring/ Aberdeen CSO Monitoring. NEXT STEPS: Completed Q2 2019.
2017	5161757420	SCADA Rain Gauges	50,000	-	-	50,000	0.0%	B. Posedowski	NEXT STEPS: Review and Issue Project Charter Q4 2019.
2017	5161767752	WW Outstn Insp -Asset Mgm Prog	220,000	119,672	33,545	66,783	69.6%	B. Posedowski	STATUS: Work in Progress - Energy Audit (of HW facilities - Phase II). Pilot Study - Asset Management. NEXT STEPS: Roster Invitation - Condition Assessment (DC007 McMaster SPS) completion Q3 2019.
2018	5161855010	Wastewater Systems Planning	300,000	147,978	134,492	17,530	94.2%	B. Posedowski	STATUS: Work in Progress - Wastewater System Analysis & Hydraulic Assessment (LRT intensification Corridor & Roads Capital Program), Pollution Control Plan, Riverdale East Flooding Investigation, CSO Reporting. NEXT STEPS: Work ongoing.
2018	5161855640	Flow Monitoring Program	50,000	36,769	6,795	6,437	87.1%	B. Posedowski	STATUS: Citywide Sanitary Service Flow Monitoring, Rain Gauges Flow Monitoring Services. NEXT STEPS: Completion Q1 2020.
2018	5161855777	LRT Corridor - Wastewater	570,000	59,958	39,559	470,483	17.5%	B. Posedowski	NEXT STEPS: Wastewater System Analysis for LRT intensification Corridor, work ongoing according to LRT demand and timing.
2018	5161857545	Wastewater Computer Model	280,000	174,317	32,961	72,722	74.0%	B. Posedowski	STATUS: Citywide Sanitary & Stormwater Flow Monitoring Services. NEXT STEPS: Completion Q1 2020.
2018	5161867752	Wastewater Outstation Inspect	520,000	88,791	90,594	340,615	34.5%	B. Posedowski	STATUS: Work in Progress - Condition Assessment (HC017 Eastport SPS), Development Water Financial Plan. NEXT STEPS: Completion Q3 2019.
2019	5161955010	WW Systems Planning Program	600,000	-	39,375	560,625	6.6%	B. Posedowski	STATUS: Ongoing.

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2019	5161955640	Flow Monitoring Program	350,000	-	-	350,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5161955955	Inflow & Infiltration Studies	500,000	63,633	86,626	349,741	30.1%	B. Posedowski	Status: Flow monitoring and analysis work in progress. Next Steps Completion Q4 2019
2019	5161957545	Wastewater Computer Model	380,000	-	-	380,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5161967752	WW Outstation Inspections	520,000	-	-	520,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5161996954	Aberdeen Hillside Sewer	450,000	-	-	450,000	0.0%	B. Posedowski	STATUS: On hold.
<i>Sub-Total Infrastructure Planning & Systems Design - Wastewater</i>			32,444,000	7,305,585	5,772,113	19,366,302	40.3%		

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Storm water - Rates									
2012	5181260214	Parkside and Kipling Flood	1,500,000	1,365,490	-	134,510	91.0%	C. Graham	STATUS: Work in Progress - Construction (Churchill Park Rain Gardens - Phase 1).
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	550,237	131,933	1,887,830	26.5%	B. Posedowski	STATUS: Work in Progress - Enhanced Functional Design and Topographic Survey. NEXT STEPS: Completion of Enhanced Functional Design Q4 2019. Detailed Design to follow.
2012	5181274800	Watercourse 5 and 6	3,850,000	381,813	29,436	3,438,751	10.7%	B. Posedowski	STATUS: Completion- Flood plain mapping and hydrologic analysis to update SCUBE reports, Hydraulics Assessment and Class EA Work Plan Q2 2019. NEXT STEPS: Detailed Design to follow.
2013	5181355350	SERG Studies & Assessments	740,000	622,574	60,167	57,259	92.3%	B. Posedowski	STATUS: Work Completed - Low Impact Development Bumpout (Bay and Simcoe). Work in Progress - Beach Strip Flooding Study. NEXT STEPS: Completion Q1 2020.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	24,033	449,999	170,968	73.5%	B. Posedowski	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2019.
2015	5181555422	GRIDS II - Stormwater MP	650,000	74,550	499,252	76,198	88.3%	B. Posedowski	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2015	5181562590	SWMP Retrofits	660,000	20,749	146,666	492,585	25.4%	B. Posedowski	STATUS: Work in Progress - Analysis & Conceptual Design - Stormwater Management Pond Retrofits (Ponds # 67, 9, 54, 52, 35, 14) NEXT STEPS: Completion Q2 2020
2016	5181655075	SERG - Watershed Proj Coord	500,000	215,783	186,322	97,895	80.4%	B. Posedowski	STATUS: Work in Progress - Lower Spencer Creek Subwatershed Study, Delivery of environmental data collection in the field. NEXT STEPS: Completion Q3 2019.
2016	5181655421	SERG Stormwater System Planning	280,000	167,871	24,125	88,004	68.6%	B. Posedowski	STATUS: Work in Progress - Hydraulic Assessment (Storm Sewer in Ancaster, Stormwater needs for Roads Capital Program). NEXT STEPS: Completion Q4 2020.
2017	5181755420	Stormwater Drainage Review	280,000	208,934	44,611	26,456	90.6%	B. Posedowski	STATUS: Work in Progress - Detailed Drainage Assessment Study (Phase 2) - Development of Existing Residential (ER) Neighbourhoods in Rural Ancaster. NEXT STEPS: Completion Q4 2019.
2017	5181755421	SERG - SW System Planning	280,000	113,406	11,692	154,902	44.7%	B. Posedowski	STATUS: Wilson Street Stormwater Drainage Plan. NEXT STEPS: City-wide Stormwater Infrastructure Field Verification & GIS Database Update for Modelling Q4 2019.
2018	5181823155	SERG - Dundas Drainage Upgrade	120,000	-	48,785	71,215	40.7%	B. Posedowski	STATUS: Work in Progress - Conceptual Design - Dundas Stormwater Drainage Improvements. NEXT STEPS: .Detailed Design - Dundas Stormwater Drainage Improvements Award Q4 2020
2018	5181872295	SERG - LEEDS Implementation	610,000	18,519	-	591,481	3.0%	B. Posedowski	STATUS: Consulting Services - Revisit the conceptual solution to the Winona Area Drainage Improvements and provide an alternate solution. NEXT STEPS: Completion Q3 2020
2019	5181955350	Climate Change Impact Assess	550,000	-	-	550,000	0.0%	B. Posedowski	STATUS: On hold.
2019	5181955421	Storm System Planning Prm	480,000	-	39,375	440,625	8.2%	B. Posedowski	STATUS: Work in Progress- Consulting Services - Development Screening and Approval Support in 2019. NEXT STEPS: Substantial Performance Q2 2020
2019	5181957545	Stormwater Computer Model	1,080,000	-	-	1,080,000	0.0%	B. Posedowski	STATUS: On hold.

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2021	5182155101	SERG - SC & Battlefield Creek	150,000	-	-	150,000	0.0%	B. Posedowski	STATUS: On hold.
<u>Sub-Total Infrastructure Planning & Systems Design - Storm water</u>			14,945,000	3,763,959	1,672,361	9,508,680	36.4%		
<u>TOTAL INFRASTRUCTURE PLANNING & SYSTEMS DESIGN SECTION</u>			69,999,000	15,858,203	8,963,743	45,177,054	35.5%		

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WOODWARD UPGRADES SECTION

Wastewater - Rates

2008	5160866801*	Woodward WWTP - Clean Harbour	400,943,375	135,045,432	265,897,942	-	100.0%	John Helka	STATUS: GIF Funded. \$189M future budgets requested (cash flowed 2020 - 2022). Work in Progress - Construction (Raw Wastewater Pumping Station, Electrical System, Tertiary Treatment). NEXT STEPS: Substantial Performance in Q1 2022.
2009	5160966910	WWTP - Biosolids MP Implement	10,470,000	4,966,613	4,249,351	1,254,036	88.0%	John Helka	STATUS: PPP Canada Funded, Cash Flow Budget approved by Finance. Work in Progress - Design-Bid-Finance-Operate-Maintain Contract awarded to Harbour City Solutions for the Biosolids Management Project. NEXT STEPS: Substantial Performance in Q2 2020.
<u>Sub-Total Woodward Upgrades - Wastewater</u>			411,413,375	140,012,046	270,147,293	1,254,036	99.7%		

TOTAL WOODWARD UPGRADES SECTION

411,413,375 140,012,046 270,147,293 1,254,036 99.7%

*Note: Due to significant funds and multi-year cash flows, funded budget = expenditures and commitments

PLANT MAINTENANCE AND TECHNICAL SERVICES SECTION

Water - Rates

2015	5141566711	Annual Water Treatment Studies	250,000	83,619	162,895	3,486	98.6%	S. McCauley	STATUS: Work in Progress - Baseline biological activity in the full scale media filters at the Woodward Avenue WTP. Optimization Study for Corrosion Control using Phosphoric acid chemical dosing. NEXT STEPS: Substantial Performance - Baseline biological activity in the full scale media filters at the Woodward Avenue WTP Q4 2019
2017	5141766711	Annual Water Treatment Studies	250,000	111,253	136,165	2,582	99.0%	S. McCauley	STATUS: Complete - Condition Assessment (Chlorine Chemical Building), Assessment of current CT calculations. NEXT STEPS: Industry Review of Municipal Vertical Asset Maintenance Programs for Water and Wastewater Infrastructure Q3 2019
2017	5141766713	Annual Water Maintenance	2,500,000	528,128	349,892	1,621,981	35.1%	S. McCauley	STATUS: Work in Progress. NEXT STEPS: Construction - Installation of Premise Isolation Backflow Devices and Containments for various HW Facilities Q1 2020
2018	5141866350	WTP Lighting Upgrade	200,000	-	135,827	64,173	67.9%	S. McCauley	STATUS: Substantially Performed (Energy Efficient LED Lighting at Woodward Ave. SSTP and Administration Building). NEXT STEPS: Account to close once purchase orders have been closed.
2018	5141866713	Annual Water Maintenance	1,500,000	76,371	-	1,423,629	5.1%	S. McCauley	STATUS: Work in Progress.
<u>Sub-Total Plant Maintenance & Technical Services - Water</u>			4,700,000	799,370	784,778	3,115,852	33.7%		

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Wastewater - Rates									
2017	5161766713	Wastewater Maintenance Capital	3,000,000	1,876,944	1,122,736	320	100.0%	S. McCauley	STATUS: Work in Progress. NEXT STEPS: Completion Q4 2019.
2017	5161766745	Woodward WWTP-Oper Readiness	2,475,000	1,580,988	395,424	498,589	79.9%	S. McCauley	STATUS: Substantial Performance Q1 2019. NEXT STEPS: Account to close once purchase orders have been closed..
2018	5161866350	Woodward WWTP Lighting Upgrade	690,000	492,894	193,823	3,282	99.5%	S. McCauley	STATUS: Work in Progress - Construction (Energy Efficient LED Lighting at Woodward Ave. SSTP and Administration Building). NEXT STEPS: Substantial Performance Q4 2019.
2018	5161866511	Woodward WWTP - Digester #4	5,500,000	152,021	3,299,393	2,048,585	62.8%	S. McCauley	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2020.
2018	5161866713	Wastewater Maintenance Capital	4,750,000	244,162	675,014	3,830,824	19.4%	S. McCauley	STATUS: Work in Progress. NEXT STEPS: Completion Q4 2020.
Sub-Total Plant Maintenance & Technical Services - WasteWater			16,415,000	4,347,009	5,686,391	6,381,600	61.1%		
TOTAL PLANT MAINTENANCE & TECHNICAL SERVICES SECTION			21,115,000	5,146,379	6,471,169	9,497,452	55.0%		
WATER & WASTEWATER PLANNING AND CAPITAL SECTION									
Corporate Project Program - Tax									
2009	2110953900	Randle Reef Rehab Project	7,250,000	7,847,735	275,000	(872,735)	112.0%	M. Bainbridge	STATUS: Cash Flow Budget approved by Finance. Stage 1 Completion reached in October 2018. Stage 2 Work in Progress with target completion in Q1 2020. NEXT STEPS: Tendering Stage 3 works in 2020. Deficit to be addressed upon closure of project.
Sub-Total Water & Wastewater Planning & Capital - Corporate Project Program			7,250,000	7,847,735	275,000	(872,735)	112.0%		
Wastewater - Rates									
2014	5161468422	Randle Reef Sediment Remediate	5,100,000	4,325,000	1,675,000	(900,000)	117.6%	M. Bainbridge	STATUS: Cash Flow Budget approved by Finance. Stage 1 Completion reached in October 2018. Stage 2 Work in Progress with target completion in Q1 2020. NEXT STEPS: Tendering Stage 3 works in 2020.
Sub-Total Water & Wastewater Planning & Capital - Wastewater			5,100,000	4,325,000	1,675,000	(900,000)	117.6%		
TOTAL WATER & WASTEWATER PLANNING AND CAPITAL SECTION			12,350,000	12,172,735	1,950,000	(1,772,735)	114.4%		
HAMILTON WATER & WASTEWATER- DIRECTOR									
Wastewater - Rates									
2015	5161555545	Capital Works Information Mgmt	280,000	-	-	280,000	0.0%	A. Grice	STATUS: Work Complete - Project Management Office / IT Business Intelligence Collaborative Project (Phase 1 - Automate Existing PMO Reporting System using internal Resources). NEXT STEPS: Phase 2 Dashboard and Power BI Q4 2019.
Sub-Total - Wastewater			280,000	0	0	280,000	0.0%		
TOTAL HAMILTON WATER & WASTEWATER DIRECTOR SECTION			280,000	-	-	280,000	0.0%		
WATER & WASTEWATER ENGINEERING SERVICES SECTION									

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Water - Engineering Services									
2014	5141455425	Concrete Pipe Condition Assessment	2,750,000	1,690,345	312,345	747,310	72.8%	E. Waite / M. Zantingh / J. Grieci	Assessment works delayed due to other works impacting the water network. 2018 and proposed 2019 budget to be utilised by year end 2019.
2015	5141571301	WM Replace Program - Coordinated with Roads - 2015	14,575,000	14,347,265	160,030	67,705	99.5%	M. Oddi / P. McNab	Complete - Close once commitments are paid/cleared
2015	5141596152	PD11 (Governor's Rd) Extend	1,120,000	1,119,126	38,163	(37,288)	103.3%	M. Oddi	Complete - pending final review/audit/payment
2015	5141596153	PD22 (Governor's Rd) Extend	900,000	865,760	19,387	14,853	98.3%	M. Oddi	Complete - pending final review/audit/payment
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,293,450	239,871	22,766,680	10.0%	S. Jacob	Currently in geotechnical investigation. Detail Design to start in 2020. Masterplan update may have impact on the design. Construction scheduled for 2022.
2016	5141657626	Critical WM Inspection Program - 2016	299,000	178,576	-	120,424	59.7%	E. Waite / M. Zantingh / J. Grieci	\$120k being used to WIP fund the 2020 Critical WM Inspection Program and then this project can be closed.
2016	5141660999	Closed Projects - Water	218,000	75,388	148,658	(6,046)	102.8%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2016	5141670000	Coordinated Road and Subsurface Works - 2016	3,091,000	2,915,975	152,192	22,833	99.3%	M. Oddi / P. McNab	Complete - Close once commitments are paid/cleared
2017	5141757626	Critical WM Inspection Program - 2017	330,000	73,459	-	256,541	22.3%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress. Claim for CWWF funding underway.
2017	5141760577	Metallic Watermain Condition Assessment Program - 2017	685,000	685,000	-	-	100.0%	E. Waite / M. Zantingh / J. Grieci	Complete. Claim for CWWF funding underway.
2017	5141760754	Kenilworth Transmission Watermain Renewal	2,400,000	495,652	47,660	1,856,688	22.6%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress. To be tendered Q4 2019 for 2020 construction.
2017	5141761300	WM Replacement Program - 2017	830,000	369,918	-	460,082	44.6%	E. Waite / M. Zantingh / J. Grieci	\$460k being used to WIP fund 2020 program and then this project can be closed.
2017	5141761777	Beach Trunkmain Rehab	7,300,000	920,744	-	6,379,256	12.6%	E. Waite / M. Zantingh / J. Grieci	Project delayed to Q1 2020 due to water network requirements.
2017	5141771301	WM Replace Program - Coordinated with Roads - 2017	2,815,000	2,508,859	115,748	190,393	93.2%	M. Oddi / P. McNab	Watermain Replacement under CP Tracks at Ferguson on hold pending design review.
2018	5141811101	Road Restoration Program - 2018	5,400,000	3,087,424	-	2,312,576	57.2%	D. Lamont / B. Waddell	Ongoing - work in progress
2018	5141849555	QA-QC Service Contract - 2018	110,000	99,590	8,087	2,324	97.9%	E. Waite / M. Zantingh / J. Grieci	Complete - Close once commitments are paid/cleared
2018	5141855556	Mapping Update - 2018	40,000	6,734	33,000	266	99.3%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2019
2018	5141857626	Critical WM Inspection Program - 2018	330,000	163,527	67,127	99,346	69.9%	E. Waite / M. Zantingh / J. Grieci	\$40k being used to WIP fund 2020 program. Ongoing - work in progress.

City of Hamilton Capital Projects Status Report - Public Works Rate Supported Projects
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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2019
			a	b	c	d	e		
2018	5141857627	Fennell Trunkmain Inspection	750,000	117,850	619,000	13,150	98.2%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress

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2018	5141857628	Saltfleet Trunkmain Inspection	593,000	219,766	365,030	8,204	98.6%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress. Claim for CWWF funding underway.
2018	5141860072	Structural WM Lining Program - 2018	7,320,000	6,610,437	625,609	83,954	98.9%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress
2018	5141860080	Valve Replacement - 2018	1,000,000	928,908	49,654	21,439	97.9%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress
2018	5141860577	Metallic Watermain Condition Assessment Program - 2018	700,000	419,469	263,025	17,506	97.5%	E. Waite / M. Zantingh / J. Grieci	Complete - Close once commitments are paid/cleared
2018	5141861300	Wm Replacement Program - 2018	800,000	134,685	22,525	642,790	19.7%	E. Waite / M. Zantingh / J. Grieci	Mulberry - Bay to James (2019) & Barton - Queen to Locke (2020)
2018	5141870000	Coordinated Road and Subsurface Works - 2018	4,245,000	4,102,603	122,443	19,954	99.5%	M. Oddi / P. McNab	Complete - pending final review/audit/payment
2019	5141911101	Road Restoration Program - 2019	5,400,000	2,364,650	2,720,719	314,631	94.2%	D. Lamont / B. Waddell	Ongoing - work in progress. Anticipate completion by Q2 2020
2019	5141949555	QA-QC Service Contract 2019	160,000	39,529	41,413	79,058	50.6%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress
2019	5141955556	Mapping Update - 2019	40,000	5,831	-	34,169	14.6%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2020
2019	5141960072	Structural WM Lining Program - 2019	6,960,000	5,656,660	1,359,264	(55,924)	100.8%	E. Waite / M. Zantingh / J. Grieci	Ongoing - work in progress
2019	5141960080	Valve Replacement - 2019	1,580,000	565,258	43,329	971,413	38.5%	E. Waite / M. Zantingh / J. Grieci	Delayed - project to be tendered in Fall 2019 with 2020 construction.
2019	5141960577	Metallic WM Condition Assess	580,000	104,337	148,140	327,523	43.5%	E. Waite / M. Zantingh / J. Grieci	\$300k being used to WIP fund 2020 Large Valve program.
2019	5141960711	PW Capital Water Consumption Program - 2019	200,000	28,942	-	171,058	14.5%	E. Waite / P. McNab	Ongoing - work in progress. Anticipate completion Q4 2019
2019	5141961341	Pineland-Teal-Community etc	110,000	16,036	-	93,964	14.6%	E. Waite / M. Zantingh / J. Grieci	Construction scheduled for 2020
2019	5141962073	Field Data Systems Program - 2019	150,000	67,671	85,043	(2,715)	101.8%	E. Waite / Sharma	Ongoing - work in progress
2019	5141970002	Baldwin & Court-West to Dundas	190,000	89,416	96,162	4,422	97.7%	M. Oddi	Complete - surface asphalt in 2020
2019	5141970003	Brampton - Parkdale to Strathearne	780,000	777,753	-	2,247	99.7%	M. Oddi	Ongoing - work in progress (C15-36-18)
2019	5141970004	Brucedale - Upper Wentworth to Upper Sherman (Eastmount Nbhd)	780,000	249,006	506,749	24,245	96.9%	M. Oddi	Ongoing - work in progress (C15-59-18)
2019	5141970005	Cheever - Barton to Birge and Birge - Cheever to Wentworth	240,000	35,310	205,749	(1,060)	100.4%	M. Oddi	Ongoing - work in progress (C15-17-18)
2019	5141970007	Haddon - Sterling to Marion	310,000	45,193	-	264,807	14.6%	E. Waite / M. Zantingh / J. Grieci	Project delayed until 2020 to coordinate with Westdale Neighbourhood resurfacing.

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2019	5141970008	Hewitson - Dupont to Barton	230,000	178,595	27,469	23,936	89.6%	M. Oddi	Complete - surface asphalt in 2020

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2019	5141970009	Locke - Herkimer to Main	800,000	532,843	240,783	26,374	96.7%	M. Oddi	Ongoing - work in progress (C15-52-18)
2019	5141970010	Parkdale - Burlington to north end & Steel City Court	1,050,000	863,485	167,635	18,880	98.2%	M. Oddi	Complete - pending final review/audit/payment
2019	5141970012	Sheaffe / Park / Mulberry (Central Nbhd (North))	910,000	132,664	-	777,336	14.6%	E. Waite / M. Zantingh / J. Grieci	Deferred to 2020 due to combined sewer issues. MacNab rehabilitation to be done stand alone in 2019.
2019	5141971074	Contingency for Unscheduled Works Program - 2019	100,000	14,578	-	85,422	14.6%	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5141971302	Baldwin & Court-West to Dundas	170,000	125,474	44,394	131	99.9%	M. Oddi	Complete - pending final review/audit/payment
2019	5141971303	Brampton - Parkdale to Strathearne	730,000	696,217	35,392	(1,608)	100.2%	M. Oddi	Ongoing - work in progress (C15-36-18)
2019	5141971304	Bruceedale - Upper Wentworth to Upper Sherman (Eastmount Nbhd)	1,710,000	1,160,842	450,843	98,315	94.3%	M. Oddi	Ongoing - work in progress (C15-59-18)
2019	5141971305	Cheever - Barton to Birge and Birge - Cheever to Wentworth	580,000	279,021	296,981	3,998	99.3%	M. Oddi	Ongoing - work in progress (C15-17-18)
2019	5141971306	Ferguson -Simcoe to Burlington	440,000	259,100	178,191	2,709	99.4%	M. Oddi	Ongoing - work in progress (C15-11-19)
2019	5141971307	Haddon - Sterling to Marion	510,000	74,350	-	435,650	14.6%	E. Waite / M. Zantingh / J. Grieci	Project delayed until 2020 to coordinate with Westdale Neighbourhood resurfacing.
2019	5141971308	Hewitson - Dupont to Barton	370,000	211,781	41,084	117,135	68.3%	M. Oddi	Complete - pending final review/audit/payment
2019	5141971309	Locke - Herkimer to Main	2,590,000	2,476,979	-	113,021	95.6%	M. Oddi	Ongoing - work in progress (C15-52-18)
2019	5141971310	Parkdale - Burlington to north end & Steel City Court	1,422,000	1,065,029	365,322	(8,352)	100.6%	M. Oddi	Complete - pending final review/audit/payment
2019	5141971312	Sheaffe / Park / Mulberry (Central Nbhd (North))	1,050,000	153,074	37,165	859,761	18.1%	E. Waite / M. Zantingh / J. Grieci	Deferred to 2020 due to combined sewer issues. MacNab rehabilitation to be done stand alone in 2019.
2019	5141971313	LRT Sherman-King to south end	90,000	22,387	4,300	63,313	29.7%	S. Jacob	Detailed design ongoing. Fall 2019 Tender, with construction in 2020.
2019	5141971314	LRT Wentworth - Wilson to King	90,000	4,508	25,770	59,722	33.6%	S. Jacob	Detailed design ongoing. Early 2020 Tender, with construction in 2020.
2019	5141971315	LRT Main-Delena to Normanhurst	230,000	47,207	155,102	27,692	88.0%	S. Jacob	Detailed design ongoing. CIMA+ is the consultant. Early 2020 Tender with construction occurring for possibly 2 years 2020/2021.
Sub-Total Water - Engineering Services			114,453,000	62,774,238	10,686,551	40,992,211	64.2%		
WasteWater - Engineering Services									
2007	5160795757	Centennial Trnk Swr-WW14,WW33	84,200,000	81,864,404	1,856,197	479,399	99.4%	M. Oddi	Sewer complete. Restoration ongoing.
2013	5161395358	Hwy 56 Forcemain&Twinning WW21	27,190,000	18,577,238	113,362	8,499,400	68.7%	M. Oddi	Sewer complete. Well monitoring ongoing.
2015	5161555077	Zoom Camera Inspection - Data Component	760,000	715,029	39,463	5,508	99.3%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2015	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,236,000	886,620	149,086	200,294	83.8%	E. Waite / M. Zantingh / H. Krinas	\$200k being used to WIP fund 2020 program. Complete - Close once commitments are paid/cleared.
2015	5161560999	Closed Projects - WasteWater	119,000	20,092	88,728	10,180	91.4%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.

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2015	5161567563	HC005 - Public Properties	1,040,000	126,459	229,692	683,849	34.2%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2015	5161596855	Royal to Main-King CSO (WW-22)	24,880,000	2,446,837	166,636	22,266,527	10.5%	S. Jacob	Investigatory works on going for Geotech, Endangered Spices etc. Gaining land access for these investigations, opened up the possibility for implementation of Phase 1 by 2021. Has to be co-ordinated with LRT works as the project will be in the close proximity of the OMSF building of LRT.
2016	5161660533	Trenchless Manhole Rehabilitation - 2016	80,000	12,897	62,082	5,021	93.7%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2016	5161662073	Field Data Systems Program - 2016	160,110	96,540	-	63,570	60.3%	E. Waite / D. Sharma	\$60k being used to WIP fund 2020 program and then this project can be closed.
2017	5161718420	Grindstone Creek Utility Bridge	970,000	642,406	256,245	71,349	92.6%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2017	5161760390	Wastewater System Lining Program - 2017	4,500,000	4,500,000	-	-	100.0%	E. Waite / M. Zantingh / H. Krinas	Complete. Claim for CWWF funding underway.
2017	5161760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2017	5161760575	Mainline Sewer Condition Assessment Program - 2017	1,330,000	1,330,000	-	-	100.0%	E. Waite / M. Zantingh / H. Krinas	100% complete - CWWF funded
2017	5161768240	Western Interceptor Sewer CCTV and Sonar Inspection	2,460,000	922,430	748,089	789,480	67.9%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2018	5161849555	QA-QC Service Contract - 2018	110,000	47,755	44,013	18,232	83.4%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2018	5161855556	Mapping Update - 2018	40,000	6,734	33,000	266	99.3%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2019
2018	5161855878	Forcemain Condition Assessment Program - 2018	300,000	138,502	63,017	98,481	67.2%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2018	5161860390	Wastewater System Lining Program - 2018	4,582,000	4,582,000	-	-	100.0%	E. Waite / M. Zantingh / H. Krinas	Complete. Claim for CWWF funding underway.
2018	5161860533	Trenchless Manhole Rehabilitation - 2018	40,000	27,568	11,869	564	98.6%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2018	5161860574	Pre-Construction Mainline Condition Assessment	550,000	240,260	303,116	6,625	98.8%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2018	5161860575	Mainline Sewer Condition Assessment Program - 2018	1,260,000	559,743	608,584	91,673	92.7%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared

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2018	5161860830	Windemere Rd Sewer Extension, Municipal Act	980,000	939,360	2,691	37,948	96.1%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2018	5161861444	Sewer Lateral Replace/Rehab Program - 2018	4,139,000	4,139,000	-	-	100.0%	E. Waite / M. Zantingh / H. Krinas	Complete. Claim for CWWF funding underway.
2018	5161862850	Eastern Interceptor Repair at the WWTP Aeration Tank	2,800,000	505,603	83,080	2,211,317	21.0%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress. Project delayed due to works at Woodward WWTP. Consulting to be completed in 2019 and Construction to start 2020.
2018	5161871074	Contingency for Unscheduled Works Program - 2018	100,000	23,223	42,474	34,303	65.7%	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5161911101	Road Restoration Program - 2019	1,800,000	781,190	863,310	155,501	91.4%	D Lamont/ Waddell	Ongoing - work in progress. Anticipate completion by Q2 2020
2019	5161949555	QA-QC Service Contract 2019	220,000	97,485	98,398	24,117	89.0%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161955556	Mapping Update - 2019	40,000	5,831	-	34,169	14.6%	D Lamont/ Lauricella	Ongoing - work in progress. Anticipate completion by year end 2020
2019	5161955878	Forcemain Condition Assessment Program - 2019	310,000	45,193	-	264,807	14.6%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960390	Wastewater System Lining Program - 2019	4,660,000	2,884,743	1,197,340	577,917	87.6%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960533	Trenchless Manhole Rehabilitation - 2019	80,000	7,663	68,768	3,569	95.5%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2019	5161960574	Pre-Construction Mainline Condition Assessment	580,000	97,555	-	482,445	16.8%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960575	Mainline Sewer Condition Assessment Program - 2019	790,000	295,438	468,050	26,512	96.6%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960576	Sewer Lateral Condition Assessment - 2019	620,000	268,749	367,420	(16,169)	102.6%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960577	Mainline Sewer Condition Assessment for Compliance & Regs - 2019	120,000	22,686	100,000	(2,686)	102.2%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960711	PW Capital Water Consumption Program - 2019	200,000	28,252	-	171,748	14.1%	E. Waite / P. McNab	Ongoing - work in progress. Anticipate completion Q4 2019
2019	5161960820	Open Cut Repairs for CIPP Program - 2019	580,000	419,265	162,280	(1,545)	100.3%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161960942	Ancaster Sewage Pipeline Rehab	6,560,000	956,349	5,992,640	(388,989)	105.9%	E. Waite / M. Zantingh / H. Krinas	Cash flow project - 2020 budget will cover this deficit

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2019	5161961444	Sewer Lateral Replace/Rehab Program - 2019	3,570,000	2,704,603	874,400	(9,004)	100.3%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161962073	Field Data Systems Program - 2019	110,000	16,036	70,000	23,964	78.2%	E. Waite / D. Sharma	Ongoing - work in progress
2019	5161968920	Fennell-Greenhill Drop Shaft	180,000	62,650	112,958	4,392	97.6%	E. Waite / Zantingh / Krinas	Ongoing - work in progress
2019	5161971015	Sewer Lateral Replacement for Co-ordinated Projects - 2019	430,000	166,211	151,741	112,048	73.9%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5161971074	Contingency for Unscheduled Works Program - 2019	100,000	14,578	46,655	38,767	61.2%	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5161971905	Cheever - Barton to Birge and Birge - Cheever to Wentworth	90,000	13,121	73,645	3,234	96.4%	M. Oddi	Ongoing - work in progress (C15-17-18)
2019	5161971945	Sheaffe / Park / Mulberry (Central Nbhd (North))	2,350,000	403,470	71,943	1,874,587	20.2%	E. Waite / M. Zantingh / H. Krinas	Deferred to 2020 due to combined sewer issues. MacNab rehabilitation to be done stand alone in 2019.

Sub-Total Wastewater - Engineering Services **187,296,110** **132,651,141** **15,690,972** **38,953,997** **79.2%**

Storm Sewers - Engineering Services

2012	5181272290	Storm Sewer Upgrades - 2012	7,596,000	7,262,784	226,616	106,600	98.6%	M. Oddi / P. McNab	Ongoing work in progress - outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	174,308	5,558	490,134	26.8%	S. Jacob	The emergency works followed by the wash out is currently being undertaken by Hamilton Water (Ryan Moore). Dave Arsenault to undertake study for future works and provide scope for programming proposed final works
2014	5181460423	SERG - Princess at Birch	90,000	11,172	-	78,828	12.4%	S. Jacob	Some of this work will be incorporated into the PH2 work of Birch from Princess to Burlington. Project is in EA phase and functional should start mid 2020.
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	397,263	250,947	111,790	85.3%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2015	5181560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,290,000	936,709	140,053	213,239	83.5%	E. Waite / M. Zantingh / H. Krinas	\$200k being used to WIP fund 2020 program. Complete - Close once commitments are paid/cleared.
2015	5181560999	Closed Projects - Storm	118,000	26,288	83,377	8,335	92.9%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2015	5181572291	Barton & Hamilton St, Waterdown Storm Sewer Upgrade	530,000	317,747	-	212,253	60.0%	E. Waite / M. Zantingh / H. Krinas	\$210k be used to WIP fund 2020 program and then this project can be closed.
2016	5181660533	Trenchless Manhole Rehabilitation - 2016	80,000	38,955	40,111	934	98.8%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared

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2016	5181672074	Contingency for Unscheduled Works Program - 2016	150,000	35,370	26,345	88,286	41.1%	E. Waite / P. McNab	\$80k being used to WIP fund 2020 program. Complete - Close once commitments are paid/cleared.
2016	5181672259	SERG - Gage Park Pond	2,213,000	2,066,837	149,978	(3,814)	100.2%	M. Oddi	Complete - pending final review/audit/payment

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2016	5181672650	West Mtn Sewers - Juggernaut	12,966,000	11,347,551	1,607,078	11,371	99.9%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress. To be complete by Q3 2019
2017	5181760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2018	5181849555	QA-QC Service Contract - 2018	86,000	57,072	9,509	19,420	77.4%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2018	5181855556	Mapping Update - 2018	40,000	6,734	33,000	266	99.3%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2019
2018	5181860533	Trenchless Manhole Rehabilitation - 2018	40,000	4,134	35,290	576	98.6%	E. Waite / M. Zantingh / H. Krinas	Complete - Close once commitments are paid/cleared
2018	5181860999	Closed Projects - Storm	90,000	-	85,918	4,082	95.5%	M. Oddi / P. McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure of all the original project ID. % spent is dependent on maintenance required.
2018	5181872074	Contingency for Unscheduled Works Program - 2018	100,000	16,836	42,000	41,164	58.8%	E. Waite / P. McNab	\$40k being used to WIP fund 2020 program. Complete - Close once commitments are paid/cleared.
2019	5181949555	QA-QC Service Contract 2019	160,000	63,883	83,517	12,600	92.1%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5181955556	Mapping Update - 2019	40,000	5,831	-	34,169	14.6%	D. Lamont / C. Lauricella	Ongoing - work in progress. Anticipate completion by year end 2020
2019	5181960533	Trenchless Manhole Rehabilitation - 2019	80,000	10,663	68,768	569	99.3%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
2019	5181962073	Field Data Systems Program - 2019	110,000	32,044	16,835	61,121	44.4%	E. Waite / D. Sharma	Ongoing - work in progress
2019	5181972074	Contingency for Unscheduled Works Program - 2019	120,000	17,494	-	102,506	14.6%	E. Waite / P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds.
2019	5181972290	Hewitson - Dupont to Barton	520,000	486,215	-	33,785	93.5%	E. Waite / M. Zantingh / H. Krinas	Contract C15-02-18 awarded to Wesroc. \$33k surplus at time of tender.
2019	5181972291	Haddon - Sterling to Marion	300,000	43,735	20,106	236,159	21.3%	E. Waite / M. Zantingh / H. Krinas	Project delayed until 2020 to coordinate with Westdale Neighbourhood resurfacing.
2019	5181972292	Baldwin & Court-West to Dundas	290,000	123,870	15,092	151,038	47.9%	E. Waite / M. Zantingh / H. Krinas	Contract C15-25-19 awarded for construction in 2019. \$150k surplus at time of tender.
2019	5181972940	Evans Road Culvert Twinning	170,000	1,622	99,306	69,072	59.4%	E. Waite / M. Zantingh / H. Krinas	Ongoing - work in progress
Sub-Total Storm Sewers - Engineering Services			28,689,000	23,494,484	3,109,403	2,085,113	92.7%		
TOTAL WATER, WASTEWATER & STORM SEWERS ENGINEERING SECTION			330,438,110	218,919,862	29,486,926	82,031,322	75.2%		

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			a	b	c	d	e		

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			a	b	c	d	e		
<u>WATER WASTEWATER & STORM SEWERS OPERATIONS SECTION</u>									
<u>Water - Operations</u>									
2017	5141751710	Fleet Additions - Hamilton Water - 2017	560,000	401,944	4,248	153,808	72.5%	N. Winters / P. Kowalski	To be fully spent by January 2020
2017	5141760750	Unscheduled Valve, Hydrant etc - 2017	1,040,000	437,418	575,926	26,656	97.4%	N. Winters / D. Alberton	Complete - Close once commitments are paid/cleared
2018	5141851810	Fleet Additions - Hamilton Water - 2018	1,230,000	344,878	-	885,122	28.0%	N. Winters / P. Kowalski	To be fully spent by January 2020
2018	5141855851	Water Efficiency Plan - 2018	221,000	43,182	90,931	86,887	60.7%	N. Winters / J. Wagner	Ongoing - work in progress
2018	5141860750	Unscheduled Valve, Hydrant etc - 2018	799,000	764,326	25,572	9,102	98.9%	N. Winters / Alberton	Complete - Close once commitments are paid/cleared
2018	5141862078	Substandard Water Service Replacement Program - 2018	2,849,000	2,006,874	770,614	71,512	97.5%	N. Winters / D. Alberton	Ongoing - work in progress. Will be fully spent by November 2019
2018	5141869075	Environmental Lab Improvements - 2018	200,000	7,000	-	193,000	3.5%	A. Grice / C. Vanderperk / R. Eszes	Anticipate 100% spent by year end 2019.
2019	5141960750	Unscheduled Valve, Hydrant etc - 2019	3,033,000	1,256,403	1,565,330	211,267	93.0%	N. Winters / D. Alberton	Ongoing - Work in progress to be fully spent by June 1, 2020
2019	5141961502	Water Meter - Installation /Replace/Repair - General Mtnc - 2019	2,860,000	1,871,665	979,953	8,382	99.7%	N. Winters / R. DiGiovanni	Ongoing - work in progress - this project will run until Oct 31 2019.
2019	5141961910	Res Water Meter and Meter Pit	180,000	-	-	180,000	0.0%	N. Winters / R. DiGiovanni	Ongoing - work in progress - guns will be used in 2020 as non compliant customers have water meters installed.
2019	5141962078	Substandard Water Service Replacement Program - 2019	2,750,000	-	562,000	2,188,000	20.4%	N. Winters / D. Alberton	Ongoing - work in progress - to be fully committed to a P.O. by November 2019
2019	5141969075	Environmental Lab Improvements - 2019	220,000	-	18,790	201,210	8.5%	A. Grice / C. Vanderperk / R. Eszes	Tied to the HVAC Upgrade
<u>Sub-Total - Hamilton Water - Operations</u>			15,942,000	7,133,688	4,593,365	4,214,947	73.6%		
<u>WasteWater - Operations</u>									
2014	5161469076	BCOS-Beyond Compliance OP Sys	243,000	105,159	-	137,841	43.3%	A. Grice / C. Vanderperk / S. Girt	Various projects are upcoming in 2020 (WW compliance audit, training and OH&S assistance).
2015	5161567565	HC005 Montgomery Drive - Inline Storage	2,170,000	2,065,820	26,482	77,697	96.4%	N. Winters / S. MacPherson-Nemeth	Inline storage monitoring project is ongoing and expected to be completed within the existing PO 78212 budget by December 31, 2019.
2016	5161669075	Environmental Lab Improvements - 2016	345,000	221,317	13,183	110,501	68.0%	A. Grice / Vanderperk/ Eszes	Part of HVAC upgrade. Do not close.
2017	5161755422	Sewer Use Bylaw Enforcement Infor Upgrade	80,000	30,402	20,870	28,728	64.1%	A. Grice / C. Vanderperk / Saunders	PO requested for \$23k to be spent by the end of 2019

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2017	5161760302	Emergency Repairs - Cross Connections - 2017	1,000,000	660,521	317,412	22,067	97.8%	N. Winters / D. Alberton	Ongoing - work in progress. This account funds the investigation and correction of sewer lateral cross connections. Funds committed to a P.O. which will be spent by December 31, 2019

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2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	114,649	-	185,351	38.2%	A. Grice / C. Vanderperk / Saunders	Will spend \$32k on Rate Review: have not received final report yet. Will spend ~ \$100k in 2020 for construction dewatering project. May spend \$60k on Klir project in 2020.
2017	5161769075	Environmental Lab Improvements - 2017	250,000	12,224	69,860	167,916	32.8%	A. Grice / C. Vanderperk / R. Eszes	Anticipate 100% spent by year end 2019.
2018	5161860302	Emergency Repairs - Cross Connections - 2018	500,000	355,040	131,101	13,859	97.2%	N. Winters / D. Alberton	Ongoing - work in progress. This account funds the investigation and correction of sewer lateral cross connections. .
2018	5161860522	Sewer Lateral Management Program (WWC) - 2018	4,500,000	4,419,988	178,714	(98,702)	102.2%	N. Winters / D. Alberton	Ongoing 2019 work. This remaining amount is now fully committed to a P.O.
2018	5161861740	Unscheduled Manhole & Sewermain - 2018	320,000	275,676	44,093	231	99.9%	N. Winters / D. Alberton	Complete - Close once commitments are paid/cleared
2018	5161869075	Environmental Lab Improvements - 2018	200,000	-	-	200,000	0.0%	A. Grice / C. Vanderperk / R. Eszes	Anticipate 100% spent early 2020.
2019	5161960302	Emergency Repairs - Cross Connections - 2019	750,000	87,150	204,358	458,493	38.9%	N. Winters / D. Alberton	Ongoing - Work in progress - his account funds the investigation and correction of sewer lateral cross connections.
2019	5161960522	Sewer Lateral Management Program (WWC) - 2019	4,500,000	596,653	1,552,307	2,351,040	47.8%	N. Winters / D. Alberton	Ongoing Work in Progress, will be fully committed to P.O. by February 2020
2019	5161961740	Unscheduled Manhole & Sewermain - 2019	400,000	-	387,000	13,000	96.8%	N. Winters / D. Alberton	Ongoing - Work in Progress - To be fully spent by Aug 1,2020
2019	5161969075	Environmental Lab Improvements - 2019	200,000	-	-	200,000	0.0%	A. Grice / C. Vanderperk / R. Eszes	Tied to the HVAC Upgrade
Sub-Total - Hamilton WasteWater - Operations			15,758,000	8,944,599	2,945,379	3,868,022	75.5%		
Storm Sewers - Hamilton Water									
2014	5181460452	Shoreline Protection Program	1,310,000	259,741	149,706	900,552	31.3%	N. Winters / R. Moore	Ongoing - work in progress - construction tender closed. Construction beginning October 2019
2014	5181460461	Forty Mile Municipal Drain	100,000	91,363	-	8,637	91.4%	N. Winters / R. Moore	Request for invoice processing with finance re cost sharing.
2014	5181460722	Municipal Drain Program - 2014/15	139,000	33,264	-	105,736	23.9%	N. Winters / R. Moore	CLOSE NEXT BER
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	1,100,000	688,724	217,882	193,394	82.4%	N. Winters / R. Moore	Construction Works Complete. Monitoring work to commence until 2022.
2017	5181755740	Flushables Research Study	75,000	67,599	8,570	(1,169)	101.6%	N. Winters / J. Wagner	Cole Engineering p.o. to remain active until Q4 2019. Will be fully utilized in early November 2019.
2017	5181774730	Centre Road Drainage Improvement	100,000	-	100,000	-	100.0%	N. Winters / R. Moore	Construction Complete Q3. This Project ID belongs to Transportation Operations & Maintenance (Program & Contracts Section). Matthew Pastuszok is the Project Manager.
2018	5181860622	SWM Facility Maintenance Program - 2018	1,200,000	425,987	714,469	59,543	95.0%	N. Winters / R. Moore	Ongoing - Construction Work coming to a close.

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2018	5181860722	Municipal Drain Program - 2018	280,000	132,190	48,243	99,568	64.4%	N. Winters / R. Moore	Consultant Report finalized. Report going to Council 2019 Q4/ 2020 Q1.
2018	5181861740	Unscheduled Manhole & Sewermain - 2018	30,000	17,105	11,191	1,704	94.3%	N. Winters / D. Alberton	Complete - Close once commitments are paid/cleared

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2018	5181874840	Sydenham Interceptor Swale Re-construction	260,000	-	-	260,000	0.0%	N. Winters / R. Moore	Re-evaluating project needs, monitoring site condition.
2018	5181817152	Cross Road Culvert Program - 2018	1,380,000	290,595	189,679	899,726	34.8%	E. Soldo / M. Pastuszok	Centre Rd contract complete. Design Drawings are being reviewed for Old Guelph Rd Culvert contract 2018 work is being monitored and inspected for completeness
2018	5181817458	Catch Basin Replacement/Rehabilitation Program - 2018	590,000	497,172	29,494	63,334	89.3%	E. Soldo/ McCleary	work ongoing.
2019	5181917152	Cross Road Culvert Program - 2019	1,390,000	25,181	1,300,476	64,343	95.4%	E. Soldo / M. Pastuszok	Contract went out successfully and is ongoing until winter. Over 30 culverts completed so far.
2019	5181917458	Catch Basin Replacement/Rehabilitation Program - 2019	770,000	146,232	303,226	320,542	58.4%	E. Soldo/ R. Marques	CB repair ongoing. New PO commitment for LM Enterprises is imminent.
2019	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span) - 2019	620,000	3,328	-	616,672	0.5%	E. Soldo / M. Pastuszok	Garner Rd concrete box culvert rehabilitation was completed
2018	5181874841	Lower Davis Creek - Flood Control Facility	550,000	53,900	44,446	451,654	17.9%	N. Winters / R. Moore	Ongoing - work in progress - design and tender preparation in progress. 75% Design Complete.
2019	5181960622	SWM Facility Maintenance Program - 2019	1,200,000	106,615	1,100,100	(6,715)	100.6%	N. Winters / R. Moore	Ongoing - Construction Work coming to a close.
2019	5181960722	Municipal Drain Program - 2019	100,000	-	-	100,000	0.0%	N. Winters / R. Moore	Ongoing - work in progress
2019	5181961740	Unscheduled Manhole & Sewermain - 2019	60,000	-	-	60,000	0.0%	N. Winters / D. Alberton	Ongoing - Work in Progress - To be fully spent by Aug 1,2020
2019	5181974950	Watercourse & Drainage Mtnc	580,000	-	-	580,000	0.0%	N. Winters / R. Moore	Ongoing - work in progress
2019	5181974951	Shoreline Protection Program	350,000	-	-	350,000	0.0%	N. Winters / R. Moore	Ongoing - work in progress
Sub-Total - Hamilton Storm Sewers - Roads O&M			12,184,000	2,838,996	4,217,482	5,127,522	57.9%		
TOTAL WATER, WASTEWATER & STORM SEWERS - OPERATIONS			43,884,000	18,917,284	11,756,225	13,210,491	69.9%		
Total Public Works - Rate Supported			1,069,140,485	473,509,347	372,412,217	223,218,920	79.1%		