



City of Hamilton
CAPITAL PROJECTS WORKS-IN-PROGRESS REVIEW SUB-
COMMITTEE

Meeting #: 18-003
Date: May 22, 2018
Time: 9:30 a.m.
Location: Room 264, 2nd Floor, City Hall
71 Main Street West

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

	Pages
1. APPROVAL OF AGENDA	
(Added Items, if applicable, will be noted with *)	
2. DECLARATIONS OF INTEREST	
3. APPROVAL OF MINUTES OF PREVIOUS MEETING	
3.1 February 8, 2018	3
4. DELEGATION REQUESTS	
5. CONSENT ITEMS	
6. PUBLIC HEARINGS / DELEGATIONS	
7. STAFF PRESENTATIONS	
8. DISCUSSION ITEMS	
8.1 Capital Project Closing Report as of December 31, 2017 (FCS17078(b)) (City Wide)	7
8.2 Public Works - Capital Projects Status Report as of December 31, 2017 (FCS17076(b)) (City Wide)	31
9. MOTIONS	

10. NOTICES OF MOTION
11. GENERAL INFORMATION / OTHER BUSINESS
12. PRIVATE AND CONFIDENTIAL
13. ADJOURNMENT



Hamilton

**CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW
SUB- COMMITTEE
MINUTES 18-002**

1:30 p.m.

February 8, 2018
Council Chambers
Hamilton City Hall

Present: Councillors C. Collins (Chair), D. Conley, M. Pearson, B. Johnson,
T. Whitehead

Absent: Councillor J. Partridge (Personal)

**THE FOLLOWING ITEMS WERE REPORTED TO THE GENERAL ISSUES
COMMITTEE FOR CONSIDERATION:**

**1. Capital Projects Closing Report as of September 30, 2017 (FCS17078(a))
(City Wide) (Item 8.1)**

(Collins/B. Johnson)

- (a) That the General Manager of Finance and Corporate Services be authorized to transfer a combined \$311,616.68 from the Unallocated Capital Levy Reserve and other Program Specific Reserves to the capital projects as outlined in Appendix "A" to Report FCS17078(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 FCS17078(a) in accordance with the Capital Closing Policy;
- (c) That Appendix "C" to Report FCS17078(a), Capital Projects Budget Appropriations for the period covering July 1, 2017 through September 30, 2017, be received for information;
- (d) That Appendix "D" to Report FCS17078(a), Capital Projects Budget Appropriations above \$250,000 and Debt Funded for the period covering July 1, 2017 through September 30, 2017 totalling \$2,771,269.54, be approved;
- (e) That the General Manager, Finance and Corporate Services be authorized to negotiate the terms and placement of a debenture issue(s) and / or

private placement debenture issue(s) in either a public or private market and / or bank loan agreement and debenture issue(s) and / or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$1,000,000, as attached in Appendix "D" to Report FCS17078(a);

- (f) ***That staff report back to the Capital Projects Work-in-Progress Sub-Committee with options related to the appropriation policy.***

Main Motion as Amended CARRIED

2. Capital Projects Status Report (Excluding Public Works) as of September 30, 2017 (FCS17077(a)) (City Wide) (Item 8.2)

(B. Johnson/Whitehead)

That the Capital Projects Status Report (excluding Public Works), as of September 30, 2017, attached as Appendix "A" to Report FCS17077(a), be received.

CARRIED

FOR INFORMATION:

(a) CHANGES TO THE AGENDA (Item 1)

There were no changes to the agenda.

(Conley/B. Johnson)

That the agenda for the February 8, 2018 Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

CARRIED

(b) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

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

January 29, 2018 (Item 3.1)

(B. Johnson/Pearson)

That the Minutes of the January 29, 2018 meeting of the Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

CARRIED

(d) **DISCUSSION ITEMS (Item 8)**

(i) **Capital Projects Closing Report as of September 30, 2017 (FCS17078(a)) (City Wide) (Item 8.1)**

(Collins/B. Johnson)

That Item 8.1 respecting Capital Projects Closing Report as of September 30, 2017 (FCS17078(a)), be amended to include Sub-Section (f), to read as follows:

- (a) That the General Manager of Finance and Corporate Services be authorized to transfer a combined \$311,616.68 from the Unallocated Capital Levy Reserve and other Program Specific Reserves to the capital projects as outlined in Appendix "A" to Report FCS17078(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 FCS17078(a) in accordance with the Capital Closing Policy;
- (c) That Appendix "C" to Report FCS17078(a), Capital Projects Budget Appropriations for the period covering July 1, 2017 through September 30, 2017, be received for information;
- (d) That Appendix "D" to Report FCS17078(a), Capital Projects Budget Appropriations above \$250,000 and Debt Funded for the period covering July 1, 2017 through September 30, 2017 totalling \$2,771,269.54, be approved;
- (e) That the General Manager, Finance and Corporate Services be authorized to negotiate the terms and placement of a debenture issue(s) and / or private placement debenture issue(s) in either a public or private market and / or bank loan agreement and debenture issue(s) and / or variable interest rate bank loan agreement and debenture issue(s), in an amount not to exceed \$1,000,000, as attached in Appendix "D" to Report FCS17078(a);
- (f) ***That staff report back to the Capital Projects Work-in-Progress Sub-Committee with options related to the appropriation policy.***

Amendment CARRIED

For further disposition of this matter, refer to Item 1.

(e) **ADJOURNMENT (Item 13)**

(Pearson/B. Johnson)

That, there being no further business, the Capital Projects Work-In-Progress Review Sub-Committee, be adjourned at 1:58 p.m.

CARRIED

Respectfully submitted,

Councillor Collins, 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:	May 22, 2018
SUBJECT/REPORT NO:	Capital Project Closing Report as of December 31, 2017 (FCS17078(b)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Samantha Blackley (905) 546-2424 Ext. 2132
SUBMITTED BY:	Brian McMullen Director of Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

RECOMMENDATIONS

- (a) That the General Manager of Finance and Corporate Services be authorized to transfer a combined \$627,510.93 from the Unallocated Capital Levy Reserve and other Program Specific Reserves to the capital projects as outlined in Appendix "A" to Report FCS17078(b);
- (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 FCS17078(b) in accordance with the Capital Closing Policy;
- (c) That Appendix "C" to Report FCS17078(b), Capital Projects Budget Appropriation Schedule for the period covering October 1, 2017 through December 31, 2017, be received for information;
- (d) That Appendix "D" to Report FCS17078(b), Capital Projects to be Debt Funded for the period covering October 1, 2017 through December 31, 2017 totalling \$240,000, be approved;

EXECUTIVE SUMMARY

This Report presents the capital projects that have been completed or cancelled as of December 31, 2017.

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 Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 2 of 9**

Appendix “A” to Report FCS17078(b) summarizes net transfers to both the Unallocated Capital Levy Reserve and the Program Specific Reserves.

Appendix “B” to Report FCS17078(b) lists the individual projects to be closed. A total of 151 projects with a combined budget of \$127,659,976.20 is being recommended for closure and is summarized as follows:

- \$2,639,969.88 relating to completed projects with surpluses to be returned to or deficits to be funded from the “Unallocated Capital Levy Reserve (108020)”;
- \$14,657,880.00 relating to completed projects with deficits to be funded by Program Specific Reserves;
- \$954,500.00 relating to cancelled or delayed projects; and
- \$109,407,626.32 relating to projects completed on or under budget that do not impact reserves.

All capital projects listed for closure in Appendix “B” to Report FCS17078(b) 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 Closing Policy are reflected in the amounts presented.

Appendix “C” to Report FCS17078(b) lists all the re-appropriation of funds between capital projects for the period covering October 1, 2017 through December 31, 2017.

Appendix “D” to Report FCS17078(b) lists all the capital projects requiring Council approval to transfer funds above \$250,000, projects requiring debt financing and reserve transfers for the period covering October 1, 2017 through December 31, 2017.

Alternatives for Consideration – Not Applicable

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: As outlined in Appendix “A” to Report FCS17078(b) and summarized in Table 1, a combined total of \$41,251.84 in funding is required from the “Unallocated Capital Levy Reserve” (108020) to offset projects in a negative position. These projects are offset by projects in a positive position totalling \$135,551.02, resulting in a net transfer from this Reserve of \$94,299.18.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 3 of 9**

Table 1

City of Hamilton
Capital Project Closings
As of December 31, 2017
Unallocated Capital Levy Reserve Impact (108020)

Year	Project ID	Description	Surplus / (Deficit)
Projects Requiring Funds			
2013	6501355301	Hamilton Seniors' Strategy	\$ (72.92)
2014	7901448401	Combined Heat Power Macassa	(41,163.62)
2017	7201754700	Outdoor Patio Cntrl Mem Rec	(15.30)
			<u>\$(41,251.84)</u>
Projects Returning Funds			
2010	6301051002	Lodges - Wireless Installation	\$ 5,539.73
2012	4401256593	Marimat Gardens University Gardens	2,265.06
2014	3541455001	Yard Capital Renewal Program	660.58
2014	6301451406	WL Wanderguard System	0.43
2016	4031611224	Sidewalk Rehabilitation Program - 2016	5.00
2016	4661620522	Traffic Engineering - Signal Design - 2016	38,485.62
2017	4031755622	Active Transportation Benchmarking - 2017	1,631.55
2017	4031707750	Industrial Zone Air Quality Initiative	50,000.00
2017	6771755701	Study Supervised Inject Site	36,963.05
			<u>\$135,551.02</u>
Net Impact to the Unallocated Capital Levy Reserve			<u>\$94,299.18</u>

As outlined in Appendix "A" to Report FCS17078(b) and summarized in Table 2, a net total of \$721,810.11 in funding is required from Other Program Specific Reserves (Unallocated Current Funds-Sanitary, Development Charges Reserves and Ward 2 Capital Infrastructure) to offset projects in a negative or deficit position that were submitted for closure.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 4 of 9**

Table 2
City of Hamilton
Capital Project Closing
As of December 31, 2017
Impacting Reserves and Capital Projects

Year Approved	ProjectID	Description	Surplus/ (Deficit)
Projects requiring funds			
2009	5140967952	ISF-687 - Kenilworth Reservoir	\$ (234,240.77)
2011	4031180582	2011 Development Rd Urbanization	(4.98)
2016	4241609205	Dog Park Amenities	(352.04)
2012	5181280287	Hannon Creek W Trinity Drainage	(6,473.93)
2013	4241309203	Cent Mem Rec Center - Digital sign	(204.55)
2015	5141567752	Water Outstation Inspections	(215,832.89)
2014	5141467752	WW Outstation Inspection - AM	(106,023.80)
2014	5161466713	Wastewater Maintenance Capital	(16,574.39)
2014	5161455640	Non-Trunk Flow Monitoring	(47,896.40)
2014	5161455010	Water System Planning	(67,328.02)
2015	5161566713	Wastewater Maintenance Capital	<u>(26,878.34)</u>
Net impact to Other Program Specific Reserves			\$(721,810.11)

Appendix "C" to Report FCS17078(b) details the appropriations between projects during the period covering October 1, 2017 to December 31, 2017. A total of \$2,677,200 was moved between Capital projects with each appropriation transfer being in compliance with the Capital Project Monitoring Policy. They are summarized in Table 3.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 5 of 9**

Table 3
City of Hamilton
Capital Project Appropriations
As of December 31, 2017
Transfers by Department

Department	Amount
Tax Supported Capital Budget	
Community and Emergency Services Department	190,700.00
Planning and Economic Development Department	184,700.00
Public Works Department	<u>1,622,800.00</u>
	\$1,998,200.00
Rate Supported Capital Budget	
Public Works Department	<u>\$ 679,000.00</u>
Total	\$2,677,200.00

Appendix “D” to Report FCS17078(b) details the projects that have been recommended by the department to be funded. A total of \$240,000 is required to be transferred. The funding requires transferring debt and requires Council approval per the appropriation policy (FCS14031). The number of projects and the amounts are summarized in Table 4.

Table 4
City of Hamilton
Capital Project to be Funded
As of December 31, 2017

Description	Projects From	Projects To	Amount
Planning and Economic Development: Tourism and Culture	1	1	<u>240,000.00</u>
Total			\$ 240,000.00

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.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 6 of 9**

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 Capital Budgets section of the Financial Planning, Administration and Policy Division in order to ensure suitable controls are maintained, projects are appropriately closed and to centralize the function.

On September 10, 2015, Council approved changes to the City's Capital Project Monitoring Policy and Capital Project Closing Policy. 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:

- 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.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 7 of 9**

The City's Capital Projects Monitoring Policy Report (Report FCS14031), as amended by Council on September 10, 2015, 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;
 3. General Managers or delegated staff be authorized to approve appropriations up to \$100,000.

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
- Community and Emergency Services Department
- Public Health Services

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 8 of 9**

ANALYSIS AND RATIONALE FOR RECOMMENDATIONS

Council approved that capital projects are reviewed in accordance with the City's approved Capital Policies. For each Capital Project Status report, staff determines if projects can be closed (inactivated) and also monitor financial activity to ensure that Council is aware of any capital projects which deviate significantly from approved budgeted amounts. Where projects are determined to be complete or cancelled, they are submitted by departments to Capital Budgets for inclusion in the Capital Projects Closing report. These submissions are reviewed by Capital Budgets 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.

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.

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.

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**SUBJECT: Capital Project Closing Report as of December 31, 2017 (FCS17078(b))
(City Wide) – Page 9 of 9**

APPENDICES AND SCHEDULES ATTACHED

Appendix “A” – Capital Project Closings as of December 31, 2017 – Projects Impacting the Unallocated Capital Levy Reserve (108020) and Other Program Specific Reserves

Appendix “B” – Capital Projects Closing Schedule as of December 31, 2017

Appendix “C” – Capital Projects Budget Appropriation Schedule for the period covering October 1, 2017 through December 31, 2017

Appendix “D” – Capital Projects to be Debt Funded for the Period Covering October 1, 2017 through December 31, 2017

SB/dt

City of Hamilton						
Capital Project Closings						
As of December 31, 2017						
Projects impacting the Unallocated Capital Levy Reserve & Other Reserves						
Year Approved	ProjectID	Description	Surplus/ (Deficit) (\$)	Reserve	Description	
Projects requiring funds						
2013	6501355301	Hamilton Seniors' Strategy	(72.92)	108020	Unalloc Capital Levy	
2014	7901448401	Combined Heat Power Macassa	(41,163.62)	108020	Unalloc Capital Levy	
2017	7201754700	Outdoor Patio Cntrl Mem Rec	(15.30)	108020	Unalloc Capital Levy	
			(41,251.84)			
Projects returning funds						
			\$			
2010	6301051002	Lodges- Wireless Installation	5,539.73	108020	Unalloc Capital Levy	
2012	4401256593	Marimat Gardens University Gardens	2,265.06	108020	Unalloc Capital Levy	
2014	3541455001	Yard Capital Renewal Program	660.58	108020	Unalloc Capital Levy	
2014	6301451406	WL Wanderguard System	0.43	108020	Unalloc Capital Levy	
2016	4031611224	Sidewalk Rehabilitation Program - 2016	5.00	108020	Unalloc Capital Levy	
2016	4661620522	Traffic Engineering - Signal Design - 2016	38,485.62	108020	Unalloc Capital Levy	
2017	4031755622	Active Transportation Benchmarking - 2017	1,631.55	108020	Unalloc Capital Levy	
2017	4031707750	Industrial Zone Air Quality Initiative	50,000.00	108020	Unalloc Capital Levy	
2017	6771755701	Study Supervised Inject Site	36,963.05	108020	Unalloc Capital Levy	
			135,551.02			
Net impact to the Unallocated Capital Levy Reserve			94,299.18			
Projects requiring funds						
			\$			
2009	5140967952	ISF-687-Kenilworth Reservoir	(234,240.77)	5169309324	Unalloc Current Funds-Sanitary	
2011	4031180582	2011 Development Rd Urbanization	(4.98)	110306/110307	Related to a Highway-Res/ Highway-Non Res DC's	
2016	4241609205	Dog Park Amenities	(352.04)	108052	Ward 2-Capital Infrastructure	
2012	5181280287	Hannon Crk W Tribtry Drainage	(6,473.93)	110304/110305	Storm Water Drainage-Res/Storm Water Drainage- NonRes DC's	
2013	4241309203	Cent Mem Rec Cntr - dgtl sign	(204.55)	108052	Ward 2-Capital Infrastructure	
2015	5141567752	Water Outstation Inspections	(215,832.89)	5169309324	Unalloc Current Funds-Sanitary	
2014	5141467752	WW Outstation Inspection - AM	(106,023.80)	5169309324	Unalloc Current Funds-Sanitary	
2014	5161466713	Wastewater Maintenance Capital	(16,574.39)	5169309324	Unalloc Current Funds-Sanitary	
2014	5161455640	Non-Trunk Flow Monitoring	(47,896.40)	5169309324	Unalloc Current Funds-Sanitary	
2014	5161455010	Water System Planning	(67,328.02)	5169309324	Unalloc Current Funds-Sanitary	
2015	5161566713	Wastewater Maintenance Capital	(26,878.34)	5169309324	Unalloc Current Funds-Sanitary	
Net impact to Other Reserves			(721,810.11)			
Total Net impact to the Unallocated Capital Levy Reserve & Other Reserves			(627,510.93)			

CITY OF HAMILTON
CAPITAL PROJECTS' CLOSING SCHEDULE
AS OF December 31 , 2017

Appendix "B" to Report FCS17078(b)

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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							
2010	6301051002	Lodges- Wireless Installation	150,000.00	150,000.00	144,460.27	5,539.73	96.3%
2012	4401256593	Marimat Gardens University Gardens	136,794.94	136,804.42	134,539.36	2,265.06	98.4%
2013	6501355301	Hamilton Seniors' Strategy	145,000.00	145,000.00	145,072.92	(72.92)	100.1%
2014	3541455001	Yard Capital Renewal Program	192,904.94	192,904.94	192,244.36	660.58	99.7%
2014	6301451406	WL Wanderguard System	10,800.00	10,786.57	10,786.14	0.43	99.9%
2014	7901448401	Combined Heat Power Macassa	826,175.00	0.00	41,163.62	(41,163.62)	5.0%
2016	4031611224	Sidewalk Rehabilitation Program - 2016	577,995.00	578,000.00	577,995.00	5.00	100.0%
2016	4661620522	Traffic Engineering - Signal Design - 2016	300,000.00	261,514.38	223,028.76	38,485.62	74.3%
2017	4031755622	Active Transportation Benchmarking - 2017	30,000.00	28,352.05	26,720.50	1,631.55	89.1%
2017	4031707750	Industrial Zone Air Quality Initiative	50,000.00	50,000.00	0.00	50,000.00	0.0%
2017	6771755701	Study Supervised Inject Site	92,000.00	92,000.00	55,036.95	36,963.05	59.8%
2017	7201754700	Outdoor Patio Cntrl Mem Rec	128,300.00	128,282.29	128,297.59	(15.30)	100.0%
TOTAL FUNDS FROM UNALLOCATED CAPITAL LEVY (12)			2,639,969.88	1,773,644.65	1,679,345.47	94,299.18	63.6%
OTHER PROGRAM SPECIFIC RESERVES							
2009	5140967952	ISF-687-Kenilworth Reservoir	10,175,000.00	10,174,334.00	10,408,574.77	(234,240.77)	102.3%
2011	4031180582	2011 Develpment Rd Urbanization	367,880.00	367,880.00	367,884.98	(4.98)	100.0%
2016	4241609205	Dog Park Amenities	20,000.00	20,000.00	20,352.04	(352.04)	101.8%
2012	5181280287	Hannon Crk W Tribtry Drainage	290,000.00	290,000.00	296,473.93	(6,473.93)	102.2%
2013	4241309203	Cent Mem Rec Cntr - dgtl sign	35,000.00	35,000.00	35,204.55	(204.55)	100.6%
2015	5141567752	Water Outstation Inspections	440,000.00	440,000.00	655,832.89	(215,832.89)	149.1%
2014	5141467752	WW Outstation Inspection - AM	550,000.00	550,000.00	656,023.80	(106,023.80)	119.3%
2014	5161466713	Wastewater Maintenance Capital	1,000,000.00	1,000,000.00	1,016,574.39	(16,574.39)	101.7%
2014	5161455640	Non-Trunk Flow Monitoring	350,000.00	350,000.00	397,896.40	(47,896.40)	113.7%
2014	5161455010	Water System Planning	380,000.00	380,000.00	447,328.02	(67,328.02)	117.7%
2015	5161566713	Wastewater Maintenance Capital	1,050,000.00	1,050,000.00	1,076,878.34	(26,878.34)	102.6%
TOTAL FUNDS FROM PROGRAM SPECIFIC RESERVES (11)			14,657,880.00	14,657,214.00	15,379,024.11	(721,810.11)	104.9%
DELAYED/CANCELLED PROJECTS							
2016	4241609101	Native Wildflower Garden	5,000.00	0.00	0.00	0.00	0.0%
2016	4241609223	Picton Hughson Intersection	10,000.00	0.00	0.00	0.00	0.0%
2016	4241609523	CHH Pre Apprentice Youth	52,500.00	0.00	0.00	0.00	0.0%
2016	4401651601	Equipment Acquisition (DC) Program	247,000.00	3,793.12	3,793.12	0.00	1.5%
2016	5181660722	Municipal Drain Maintenance Program - 2016	40,000.00	0.00	0.00	0.00	0.0%
2016	4241609807	Shared Ice Surface Mohawk Coll	50,000.00	0.00	0.00	0.00	0.0%
2017	4401710555	2017 Chargebacks - LAS	0.00	0.00	0.00	0.00	0.0%
2017	5141766150	GAC Replacement	550,000.00	0.00	0.00	0.00	0.0%
2017	3541710555	2017 Chargebacks - Facilities	0.00	0.00	0.00	0.00	0.0%
2017	4411710555	2017 Chargebacks - W Harbour	0.00	0.00	0.00	0.00	0.0%
TOTAL DELAYED/CANCELLED PROJECTS (12)			954,500.00	3,793.12	3,793.12	0.00	0.4%

CITY OF HAMILTON
CAPITAL PROJECTS' CLOSING SCHEDULE
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Appendix "B" to Report FCS17078(b)
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YEAR	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	REVENUES (\$)	EXPENDITURES (\$)	PROJECT SURPLUS/ (DEFICIT) (\$)	% SPENT
APPROVED			a	b	c	d = b - c	e=c/a
COMPLETED PROJECTS							
Corporate Services, City Manager's Office and Councillor Infrastructure Programs (Tax Budget)							
Councillor Infrastructure Program							
2012	3301250231	City Motor Hotel Purchase	3,200,630.00	825,417.08	825,417.08	0.00	25.8%
2015	4241509116	Ph.1 SWL Gym Project	100,000.00	84,970.41	84,970.41	0.00	85.0%
Corporate Facilities							
2013	3541357001	Archibus-Facility Maintenance	29,400.00	29,372.37	29,372.37	0.00	99.9%
2014	3541441729	Copps Lifecycle Renewal Progrm	404,000.00	404,038.46	404,038.46	0.00	100.0%
2014	3541451004	HVAC Energy Efficiency Upgrade	204,225.55	204,185.86	204,185.86	0.00	100.0%
2014	3541451403	BAS System Relocate & Upgrade	76,000.00	76,025.42	76,025.42	0.00	100.0%
2017	2861751700	HBRU Renovations and Equipment	45,000.00	22,730.85	22,730.85	0.00	50.5%
Planning & Economic Development (Tax Budget)							
Tourism & Culture							
2015	7201558502	Cenotaphs and Monuments	136,245.00	140,462.57	140,462.57	0.00	103.1%
2016	7201655601	Rogers Hometown Hockey	50,000.00	28,936.05	28,936.05	0.00	57.9%
2016	7201655602	CANADA 150	428,000.00	407,501.29	407,501.29	0.00	95.2%
Economic Development							
2012	8201203613	Works in Dntown Neighborhoods	46,246.64	46,246.64	46,246.64	0.00	100.0%
Growth Management							
2003	4140346109	Subdivisions-Closed Projects	363,900.00	675,185.53	675,185.53	0.00	185.5%
2009	4030980985	Copes Lane - Jones to 330m E	1,000,000.00	281,712.09	281,712.09	0.00	28.2%
2010	4141046106	Pine Hill Drive Extension	358,000.00	321,670.56	321,670.56	0.00	89.9%
2011	4141146102	Summerlea West - Phase 2A	308,500.00	307,493.93	307,493.93	0.00	99.7%
2012	4031280582	2012 Development Rd Urbanization	500,000.00	500,000.00	500,000.00	0.00	100.0%
2012	4141246105	Summerlea West - Phase 3	200,000.00	194,605.31	194,605.31	0.00	97.3%
2012	4141246108	Ancaster Glen- Phase 1	246,575.62	246,575.62	246,575.62	0.00	100.0%
Planning Division							
2014	8121459100	Natural Areas Acquisition Fund	100,000.00	100,000.00	100,000.00	0.00	100.0%
2014	8121459101	Peer Review-Lafarge S Quarry X	104,475.23	83,216.31	83,216.31	0.00	79.7%
Community and Emergency Services (Tax Budget)							
Long Term Care Homes							
2010	6301051002	Lodges-Wireless Installation	150,000.00	373,043.49	373,043.49	0.00	248.7%
2011	6301141105	ML-Refurbish Kitchen-Flooring	1,276,000.00	1,275,978.07	1,275,978.07	0.00	100.0%
2014	6301451403	ML Replace Dietary Servery	793,000.00	792,606.13	792,606.13	0.00	100.0%
2015	6301551508	ML - Call Bell System	647,200.00	444,750.36	444,750.36	0.00	68.7%
2017	6301751701	Bld Heating Component Macassa	55,550.00	55,548.72	55,548.72	0.00	100.0%
2017	6301751706	Care Eqp Macassa & Wentworth	196,794.00	196,793.60	196,793.60	0.00	100.0%
Hamilton Fire Department							
2016	7401651600	2016 Fire Equipment	635,000.00	555,785.49	555,785.49	0.00	87.5%
2016	7401651601	2016 Fire Vehicles	4,639,450.00	4,686,222.94	4,686,222.94	0.00	101.0%

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YEAR	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	REVENUES (\$)	EXPENDITURES (\$)	PROJECT SURPLUS/ (DEFICIT) (\$)	% SPENT
APPROVED			a	b	c	d = b - c	e=c/a
Hamilton Paramedic Service							
2017	7641751700	2017 Paramedic Equipment	127,000.00	121,522.79	121,522.79	0.00	95.7%
2017	7641751701	2017 Paramedic Vehicles	708,000.00	709,983.43	709,983.43	0.00	100.3%
Hamilton Police Department							
2017	3761751100	2017 Police Vehicle Purchases	2,204,350.99	2,204,350.99	2,204,350.99	0.00	100.0%
Public Works (Tax Budget)							
Parks & Cemeteries (Tax Budget)							
2015	4401549007	Cemetery Columbarium	227,750.00	227,750.31	227,750.31	0.00	100.0%
2015	4401549107	Park Fencing Program	122,000.00	138,000.00	138,000.00	0.00	113.1%
2015	4401549607	Outdoor Ice Rink Program	50,000.00	50,000.00	50,000.00	0.00	100.0%
2015	4401549612	Cemetery Id Signs	40,000.00	40,000.00	40,000.00	0.00	100.0%
2016	4401649007	Cemetery Columbarium	50,000.00	50,000.00	50,000.00	0.00	100.0%
2016	4401649101	Park Pathway Resurfacing Program	182,400.00	182,407.88	182,407.88	0.00	100.0%
2016	4401649607	Outdoor Ice Rink Program	50,000.00	50,000.00	50,000.00	0.00	100.0%
2016	4401649612	Cemetery ID Sign Program	50,000.00	50,000.00	50,000.00	0.00	100.0%
2017	4401749101	Park Pathway Resurfacing	172,400.00	172,327.68	172,327.68	0.00	100.0%
Forestry & Horticulture (Tax Budget)							
2017	4451749701	W1 Beautification-Victoria Pk	70,000.00	12,936.91	12,936.91	0.00	18.5%
Open Space & Development (Tax Budget)							
2014	4241409204	Outdoor Bake Oven	15,000.00	0.00	0.00	0.00	0.0%
2015	4401556500	Meadowlands Park Ph 8 & 10	537,816.53	537,816.53	537,816.53	0.00	100.0%
2016	4401656602	Summerlea East and West Trail	141,400.00	134,101.77	134,101.77	0.00	94.8%
Recreation (Tax Budget)							
2012	4241209108	Churchill Prk Bwling Wintzng	200,000.00	179,464.67	179,464.67	0.00	89.7%
2012	7101254216	Program - Roof Management	569,200.00	569,187.66	569,187.66	0.00	100.0%
2014	7101454105	Park & Fieldhouse Retrofits	682,909.94	683,909.94	683,909.94	0.00	100.1%
2016	7101654601	Ice Plant Freon Upgrades	500,000.00	500,000.00	500,000.00	0.00	100.0%
2017	7201754700	Outdoor Patio Cntrl Mem Rec	128,300.00	128,297.59	128,297.59	0.00	100.0%
Waste (Tax Budget)							
2008	5120892410	West Hamilton Landfill Stabilization	250,000.00	249,914.78	249,914.78	0.00	100.0%
2014	5121492410	WH-Bank Stabilization South	2,245,000.00	2,243,914.21	2,243,914.21	0.00	100.0%
West Harbour							
2015	4411506101	Pier 7 Docks & Pier 8 Repair	4,481,581.82	4,481,581.82	4,481,581.82	0.00	100.0%
Energy Initiatives							
2014	7901448402	Transit Centre EE Lighting	365,400.00	366,094.19	366,094.19	0.00	100.2%
2016	7901641607	Olympic Arena Infa Heater	30,425.00	30,425.00	30,425.00	0.00	100.0%
2016	7901641608	Dundas Lion LED Light	25,000.00	17,407.78	17,407.78	0.00	69.6%
2016	7901641610	Ancaster Achievement Light	40,000.00	27,788.57	27,788.57	0.00	69.5%
2016	7901641611	Sackville Exterior Light	25,000.00	22,625.65	22,625.65	0.00	90.5%

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APPROVED			a	b	c	d = b - c	e = c/a
Transit (Tax Budget)							
2010	5311055001	Transit Rebranding & Marketing Survey	485,000.00	442,308.97	442,308.97	0.00	91.2%
2014	5301483002	Reserve Shortfall-OBR Program	700,000.00	700,000.00	700,000.00	0.00	100.0%
2014	5301583002	Reserve Shortfall-OBR Program	545,000.00	545,000.00	545,000.00	0.00	100.0%
2014	5301683002	Reserve Shortfall-OBR Program	700,000.00	700,000.00	700,000.00	0.00	100.0%
2015	5301558101	HSR New Bus Purchases	16,125,000.00	13,469,691.12	13,469,691.12	0.00	83.5%
2015	5301555820	Transport Demand Mngt Program	206,500.00	227,846.39	227,846.39	0.00	110.3%
Roads (Tax Budget)							
2013	4031314405	Contaminated Soil & Rock Disposal 2013	1,593,000.00	1,596,747.61	1,596,747.61	0.00	100.2%
2013	4031321350	Fleet Additions - Roads O&M	268,000.00	267,916.11	267,916.11	0.00	100.0%
2014	4241409105	W1 Alleyway Improvements	100,000.00	98,298.50	98,298.50	0.00	98.3%
2014	4241409705	Chipman Ave-Urbanization	350,000.00	0.00	0.00	0.00	0.0%
2015	4031511225	Geotechnical Investigation Program - 2015	208,000.00	208,000.00	208,000.00	0.00	100.0%
2015	4031515820	Traffic Counts Program - 2015	150,000.00	150,000.00	150,000.00	0.00	100.0%
2015	4031517241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2015	131,000.00	131,000.00	131,000.00	0.00	100.0%
2015	4031517522	Shaver Road Yard Drainage Rehabilitation	251,000.00	250,847.04	250,847.04	0.00	99.9%
2015	4031518219	Structural Investigations and Reports - 2015	400,000.00	400,000.00	400,000.00	0.00	100.0%
2015	4031555522	State of the Infrastructure - Asset Management	470,000.00	470,000.00	470,000.00	0.00	100.0%
2015	4041510016	Street Lighting Program - New Lights - 2015	1,200,000.00	600,793.89	600,793.89	0.00	50.1%
2015	4041515019	Traffic Controller Replacement - 2015	125,000.00	125,000.00	125,000.00	0.00	100.0%
2016	4031610012	Railway Roadway Crossings Rehab Program - 2016	50,000.00	50,000.00	50,000.00	0.00	100.0%
2016	4031611223	Semi Barrier Rehabilitation Program - 2016	175,000.00	175,000.00	175,000.00	0.00	100.0%
2016	4031611225	Geotechnical Investigation Program - 2016	209,000.00	209,000.00	209,000.00	0.00	100.0%
2016	4031617241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2016	59,000.00	59,000.00	59,000.00	0.00	100.0%
2016	4031617677	Preventative Maintenance Program - 2016	2,000,000.00	2,000,000.00	2,000,000.00	0.00	100.0%
2016	4031618218	OSIM Bridge and Culvert Inspections - 2016	220,000.00	220,000.00	220,000.00	0.00	100.0%
2016	4041610016	Street Lighting Program - New Lights - 2016	2,000,000.00	1,004,094.61	1,004,094.61	0.00	50.2%
2016	4041610417	Retaining Wall Rehabilitation - 2016	700,000.00	699,990.00	699,990.00	0.00	100.0%
2016	4041617124	On Street Bike Facilities - 2016	240,000.00	240,000.00	240,000.00	0.00	100.0%
2016	4041617384	Guide Rail Replacement Program - 2016	400,000.00	400,000.00	400,000.00	0.00	100.0%
2016	4241609212	Ladder Crossing James St	25,000.00	5,768.27	5,768.27	0.00	23.1%
2016	4661620001	ATMS - Advanced Traffic Management System - 2016	1,847,000.00	1,847,000.00	1,847,000.00	0.00	100.0%
2016	4661620531	APS - Accessible Pedestrian Signals - 2016	150,000.00	150,000.00	150,000.00	0.00	100.0%
2017	4041714001	Claremont Access Stabilization	1,113,000.00	1,119,362.20	1,119,362.20	0.00	100.6%
2017	4241709504	2017 Mountable Curbs (Ward 5)	200,000.00	173,160.24	173,160.24	0.00	86.6%
Public Works (Rate Budget)							
Water (Rate Budget)							
2007	5140795752	PD3 PS Hghind Grdns-W08	7,080,000.00	5,545,185.99	5,545,185.99	0.00	78.3%
2012	5141255010	Water System Planning	300,000.00	230,000.00	230,000.00	0.00	76.7%
2014	5141466713	Annual Water Maintenance	1,305,000.00	905,000.00	905,000.00	0.00	69.3%
2014	5141471301	WM Replace Program - Coordinated with Roads - 2014	12,690,000.00	12,705,550.00	12,705,550.00	0.00	100.1%
2015	5141560750	Unscheduled Valve, Hydrant etc - 2015	7,350,000.00	7,350,000.00	7,350,000.00	0.00	100.0%
2015	5141566713	Annual Water Maintenance	388,000.00	208,000.00	208,000.00	0.00	53.6%
2016	5141651610	Fleet Additions - Hamilton Water - 2016	400,000.00	400,000.00	400,000.00	0.00	100.0%
2016	5141660577	Metallic Watermain Condition Assessment Program - 2016	700,000.00	700,000.00	700,000.00	0.00	100.0%
2016	5141661502	Water Meter - Installation /Replacement/Repair - General Maintenance	2,000,000.00	2,000,000.00	2,000,000.00	0.00	100.0%

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			a	b	c	d = b - c	e=c/a
WasteWater (Rate Budget)							
2009	5160955953	Annual-Hydraulic Sewer Model	1,500,000.00	1,030,088.11	1,030,088.11	0.00	68.7%
2016	5161666713	Wastewater Maintenance Capital	800,000.00	800,000.00	800,000.00	0.00	100.0%
2013	5161360307	Charlton and Catharine - Sewer	93,000.00	92,497.60	92,497.60	0.00	99.5%
2014	5161471015	Sewer Lateral Replacement for Co-ordinated Projects - 2014	340,000.00	340,000.00	340,000.00	0.00	100.0%
2015	5161567752	Outstation Inspections	220,000.00	220,000.00	220,000.00	0.00	100.0%
2015	5161571015	Sewer Lateral Replacement for Co-ordinated Projects - 2015	50,000.00	50,000.00	50,000.00	0.00	100.0%
2015	5161571525	Parkdale - Barton to Burlington	2,921,000.00	2,917,314.00	2,917,314.00	0.00	99.9%
2016	5161649555	QA-QC Service Contract - 2016	110,000.00	110,000.00	110,000.00	0.00	100.0%
2016	5161655556	Mapping Update - 2016	70,000.00	63,228.19	63,228.19	0.00	90.3%
2016	5161660302	Emergency Repairs - Cross Connections - 2016	500,000.00	500,000.00	500,000.00	0.00	100.0%
2016	5161660711	PW Capital Water Consumption Program - 2016	50,000.00	50,000.00	50,000.00	0.00	100.0%
2016	5161666713	Wastewater Maintenance Capital	800,000.00	800,000.00	800,000.00	0.00	100.0%
StormWater (Rate Budget)							
2010	5181055060	Greenhill Storm Drainage - EA	120,000.00	96,644.43	96,644.43	0.00	80.5%
2011	5181155101	Stoney&Battlefield Crk Control	540,000.00	362,283.76	362,283.76	0.00	67.1%
2015	5181517152	Roadside Drainage Improvement Program - 2015	1,320,000.00	1,320,000.00	1,320,000.00	0.00	100.0%
2016	5181617152	Roadside Drainage Improvement Program - 2016	1,500,000.00	1,500,000.00	1,500,000.00	0.00	100.0%
2016	5181617458	Catch Basin Replacement/Rehabilitation Program - 2016	500,000.00	500,000.00	500,000.00	0.00	100.0%
2016	5181617549	Cross Road Culvert Rehabilitation/Repair - 2016	150,000.00	150,000.00	150,000.00	0.00	100.0%
2016	5181649555	QA-QC Service Contract - 2016	60,000.00	60,000.00	60,000.00	0.00	100.0%
2016	5181655556	Mapping Update - 2016	70,000.00	61,636.19	61,636.19	0.00	88.1%
2016	5181660622	SWM Pond-Creek Maintenance Program - 2016	1,500,000.00	1,500,000.00	1,500,000.00	0.00	100.0%
TOTAL COMPLETED PROJECTS (116)			109,407,626.32	98,846,138.52	98,846,138.52	0.00	90.3%
GRAND TOTAL COMPLETED/CANCELLED PROJECTS (151)			127,659,976.20	115,280,790.29	115,908,301.22	(627,510.93)	90.8%

CAPITAL PROJECTS BUDGET APPROPRIATION SCHEDULE						
FOR THE PERIOD COVERING OCTOBER 1, 2017 THROUGH DECEMBER 31, 2017						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
COMMUNITY SERVICES						
<u>Lodges</u>						
6301141105	ML-Refurbish Kitchen-Flooring	6301341301	ML-Replace and Refurb	13,500.00	N/A- Within Limits	APPR 17-181(Budget): Transfer surplus funds from project 6301141105 to 6301341301-SBLACKLEY
6301441405	WL Resident Home Area Renos	6301341301	ML-Replace and Refurb	70,000.00	N/A- Within Limits	APPR 17-155(Budget):Transfer surplus funds from project 6301441405 to 6301341301-SBLACKLEY
6301451403	ML Replace Dietary Servery	6301341301	ML-Replace and Refurb	77,000.00	N/A- Within Limits	APPR 17-182(Budget):Transfer surplus funds from project 6301451403 to 6301341301-SBLACKLEY
6301451406	WL Wanderguard System	6301251201	WL-Nurse Call & Wall Protect	4,200.00	N/A- Within Limits	APPR 17-173(Budget):Transfer surplus funds from project 6301451406 to 6301251201-SBLACKLEY
6301551508	ML - Call Bell System	6301251201	WL-Nurse Call & Wall Protect	26,000.00	N/A- Within Limits	APPR 17-174(Budget):Transfer surplus funds from project 6301551508 to 6301251201-SBLACKLEY
Community and Emergency Services (5)				190,700.00		
PLANNING AND ECONOMIC DEVELOPMENT						
<u>Culture Program</u>						
7201441705	Whitehern - Conservation	7201758706	Whitehern Hall Conservation	28,200.00	N/A- Within Limits	APPR 17-151(Budget): Transfer surplus funds from 7201441705 to 7201758706-SBLACKLEY
7201458400	Auchmar Centre	7101741702	Auchmar Garden Wall-Can 150	59,500.00	N/A- Within Limits	APPR 17-150(Budget): Transfer surplus funds from 7201458400 to 7101741702- SBLACKLEY
7201558500	Heritage Assets-Civic Spaces	7201758700	Art & Monuments Restoration	97,000.00	N/A- Within Limits	APPR 17-153(Budget):Transfer surplus funds from 7201558500 to 72017587700 -SBLACKLEY
Planning and Economic Development (3)				184,700.00		
PUBLIC WORKS TAX FUNDED						
<u>Recreation</u>						
7101454704	HPRC Independence from School	3541441401	POA Administration Offices	249,000.00	N/A- Within Limits	APPR 17-183(Budget): Transfer surplus funds from 7101454704 to 3541441401-SBLACKLEY
<u>Energy Initiatives</u>						
7901641607	Olympic Arena Infa Heater	7901641606	Ice Arena LED Light	8,925.00	N/A- Within Limits	Rev APPR 17-70(Budget): Transfer surplus funds from 7901641606 to 7901641607- SBLACKLEY
<u>Facilities</u>						
3541451004	HVAC Energy Efficiency Upgrade	3541451403	BAS System Relocate & Upgrade	76,000.00	N/A- Within Limits	APPR 17-172(Budget):Transfer surplus funds from project 3541451004 to 3541451403-SBLACKLEY
3541741409	Code & Legislative Compliance	4401656605	Upp Stoney Creek Splash Pad 2	80,000.00	N/A- Within Limits	APPR 17-149(Budget): Transfer surplus funds from 3541741409 to 4401656605-SBLACKLEY
3541741409	Code & Legislative Compliance	3541441401	POA Administration Offices	99,000.00	N/A- Within Limits	APPR 17-177(Budget): Transfer surplus funds from 3541741409 to 3541441401-SBLACKLEY
3541741412	Program - Roof Management	3541741010	Facility Upgrades Libraries	59,000.00	N/A- Within Limits	APPR 17-142(Budget): Transfer surplus funds from 3541741412 to 7501341301-SBLACKLEY
				314,000.00		
<u>Operation Maintenance</u>						
4031517241	Fence Rehab in Road Allowance	4031617241	Fence Rehab in Road Allowance	9,000.00	N/A- Within Limits	APPR 17-178(Budget): Transfer surplus funds from 4031517241 to 4031617241-SBLACKLEY
4031517241	Fence Rehab in Road Allowance	4031717241	Fencing & Sound Barrier Rehab	60,000.00	N/A- Within Limits	APPR 17-184(Budget):Transfer surplus funds from 4031517241 to 4031717241-SBLACKLEY
				69,000.00		

CAPITAL PROJECTS' BUDGET APPROPRIATION SCHEDULE FOR THE PERIOD COVERING OCTOBER 1, 2017 THROUGH DECEMBER 31, 2017						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
<u>Roads</u>						
4031710006	Annual Minor Construction	4031755333	Butternuts on Beckett	50,000.00	N/A- Within Limits	APPR 17-179(Budget):Transfer surplus funds from 4031710006 to 4031755333-SBLACKLEY
<u>Waterfront Program</u>						
4411706101	Pier 6-8 Servicing Constrn	4411606106	Pier 8 Promenade	200,000.00	N/A- Within Limits	APPR 17-147(Budget): Transfer surplus funds from 4411706101 to 4411606106-SBLACKLEY
<u>Open Space Development</u>						
4401356107	Cherry Beach Lakefront Park	4401656605	Upp Stoney Creek Splash Pad 2	150,000.00	N/A- Within Limits	APPR 17-165(Budget):Transfer surplus funds from 4401356107 to 4401656605-SBLACKLEY
4401456300	Parkside Hills	4401456101	Perth Park - Grange School	20,485.00	N/A- Within Limits	APPR 17-171(Budget): Transfer surplus funds from 4401456300 to 4401456101 -SBLACKLEY
4401456300	Parkside Hills	4401456101	Perth Park - Grange School	23,140.00	N/A- Within Limits	APPR 17-171(Budget): Transfer surplus funds from 4401456300 to 4401456101 -SBLACKLEY
4401556503	Heritage Green Sports Pk Ph II	4401356107	Cherry Beach Lakefront Park	30,000.00	N/A- Within Limits	Rev APPR 17-136(Budget): Transfer surplus funds from 4401356107 to 4401556503-SBLACKLEY
4401556506	Vincent Massey Park Developmnt	4401456101	Perth Park - Grange School	20,000.00	N/A- Within Limits	APPR 17-180(Budget): Transfer surplus funds from 4401556506 to 4401456101-SBLACKLEY
4401656601	Bobolink Replacement Habitat	4401656613	RHV Trails MP-The Turtle	2,500.00	N/A- Within Limits	APPR 17-169(Budget) Transfer surplus funds from 4401656601 to 4401656613-SBLACKLEY
4401755600	Parks Testing and Reporting	4401656613	RHV Trails MP-The Turtle	5,500.00	N/A- Within Limits	APPR 17-148(Budget): Transfer surplus funds from 4401755600 to 4401656613- SBLACKLEY
4401756703	Mountain Brow Path	4401056060	OpnSp Repl Strategy-E Mtn Trai	20,000.00	N/A- Within Limits	APPR 17-185(Budget): Transfer surplus funds from 4401756703 to 4401056060- SBLACKLEY
				271,625.00		
<u>Parks Operation</u>						
4401451700	2014 Small Equipment Replace	4401751700	2017 Small Equipment Replace	27,200.00	N/A- Within Limits	APPR 17-167(Budget) Transfer surplus funds from 4401451700 to 4401751700-SBLACKLEY
4401549104	Security Lighting Program	4401749104	Security Lighting Program	8,400.00	N/A- Within Limits	APPR 17-156(Budget):Transfer surplus funds from 4401549104 to 4401749104-SBLACKLEY
4401549510	Spraypad Infrastructure Rehab	4401749510	Spraypad Infrastructure Rehab	6,300.00	N/A- Within Limits	APPR 17-161(Budget): Transfer surplus funds from 4401549510 to 4401749510- SBLACKLEY
4401556001	Leshfree Dog Park Program	4401756001	Leash free Dog Park Program	27,400.00	N/A- Within Limits	APPR 17-163(Budget):Transfer surplus funds from 4401556001 to 4401756001-SBLACKLEY
4401649510	Spraypad Infrastructure Rehab	4401749510	Spraypad Infrastructure Rehab	50,000.00	N/A- Within Limits	APPR 17-158(Budget):Transfer surplus funds from 4401649510 to 4401749510-SBLACKLEY
4401751700	2017 Small Equipment Replace	4401451700	2014 Small Equipment Replace	27,200.00	N/A- Within Limits	APPR 17-167(Budget) Transfer surplus funds from 4401451700 to 4401751700-SBLACKLEY
4401752600	Playground Lifecycle Replace	4401652100	CSA Safety Material Replace	5,900.00	N/A- Within Limits	APPR 17-166(Budget):Transfer surplus funds from 4401752600 to 4401652100-SBLACKLEY
				152,400.00		
<u>Waste Management</u>						
5121494002	Transfer Stn Door Replace	5121794000	Transf Stn CRC Main Improv	62,850.00	N/A- Within Limits	APPR 17-168(Budget): Transfer surplus funds from 5121494002 to 5121794000-SBLACKLEY
5121792000	Closed Landfill Maint&Cap Imp	5121492410	WH-Bank Stabilization South	245,000.00	N/A- Within Limits	APPR 17-146(Budget): Transfer surplus funds from 5121792000 to 5121492410-SBLACKLEY
				307,850.00		
Public Works- Tax Funded (27)				1,622,800.00		

CAPITAL PROJECTS' BUDGET APPROPRIATION SCHEDULE FOR THE PERIOD COVERING OCTOBER 1, 2017 THROUGH DECEMBER 31, 2017						
Appropriated From	Description	Appropriated To	Description	Amount(\$)	Council Approval / Comments	LongDescr
<i>PUBLIC WORKS-RATE FUNDED</i>						
<i>Waterworks Regular Program</i>						
5141471301	Replace Program-Roads 2014	5141660999	Closed Projects - Water	98,000.00	N/A- Within Limits	APPR 17-160(Budget): Transfer surplus funds from 5141471301 to 5141660999-SBLACKLEY
5141471301	Replace Program-Roads 2014	5141871301	Replace Program - Roads 2018	99,000.00	N/A- Within Limits	APPR 17-162(Budget):Transfer surplus funds from 5141471301 to 5141871301-SBLACKLEY
5141471301	Replace Program-Roads 2014	5141760072	Annual Watermain Lining Prgm	60,000.00	N/A- Within Limits	APPR 17-176(Budget): Transfer surplus funds from 5141471301 to 5141760072-SBLACKLEY
5141670000	Annual Co-Or Road Work 2016	5141760072	Annual Watermain Lining Prgm	249,000.00	N/A- Within Limits	APPR 17-170(Budget): Transfer surplus funds from 5151670000 to 5141760072-SBLACKLEY
5141670000	Annual Co-Or Road Work 2016	5141760072	Annual Watermain Lining Prgm	60,000.00	N/A- Within Limits	APPR17-175(Budget): Transfer surplus funds from 5141670000 to 5141760072-SBLACKLEY
5161560625	Post Zoom Camera Rehab	5141760750	Unscheduled Valve-Hydrant Etc	40,000.00	N/A- Within Limits	APPR 17-152(Budget): Transfer surplus funds from 5161560625 to 5141760750-SBLACKLEY
5161761241	Eastn Interc Rehab-SSR Frtland	5161771725	Upper Ottawa-Reno to Mtn Brow	5,000.00	N/A- Within Limits	APPR 17-154(Budget): Transfer surplus funds from 5161771725 to 5161761241-SBLACKLEY
5161771725	Upper Ottawa-Reno to Mtn Brow	5161761241	Eastn Interc Rehab-SSR Frtland	68,000.00	N/A- Within Limits	APPR 17-154(Budget): Transfer surplus funds from 5161771725 to 5161761241-SBLACKLEY
<i>Public Works- Rate Funded (8)</i>				<i>679,000.00</i>		
<i>Total(43)</i>				<i>2,677,200.00</i>		

CITY OF HAMILTON CAPITAL PROJECTS TO BE DEBT FUNDED FOR THE PERIOD COVERING OCTOBER 1, 2017 THROUGH DECEMBER 31, 2017					
<u>Recommendations</u>					
Appropriated From	Description	Appropriated To	Description	Amount (\$)	Comments
Planning & Economic Development					
<u>Tourism & Culture</u>					
7201741703	St.Mark's Restoration Phase 2	7201841803	St.Mark's Interior Restoration	240,000.00	Transfer approved Debt Financing from 7201741703 to 7201841803
Planning & Economic Development Total				240,000.00	
Total				240,000.00	



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:	May 22, 2018
SUBJECT/REPORT NO:	Public Works - Capital Projects Status Report as of December 31, 2017 (FCS17076(b)) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Abe Chegou (905) 546-2424 Ext. 4047
SUBMITTED BY:	Brian McMullen Director, Financial Planning, Administration and Policy Corporate Services Department
SIGNATURE:	

RECOMMENDATIONS

- (a) That the Capital Projects Status Report, Public Works Tax Supported Projects, as of December 31, 2017, attached as Appendix "A" to Report FCS17076(b), be received;
- (b) That the Capital Project Status Report, Public Works Rate Supported Projects, as of December 31, 2017, attached as Appendix "B" to Report FCS17076(b), be received.

EXECUTIVE SUMMARY

This Report 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 December 31, 2017.

Appendix "A" to Report FCS17076(b) reflects the status of the Public Works Tax Supported Projects totalling \$862.5M of which \$668.3M or 77.5% is spent or committed as of December 31, 2017.

Appendix "B" to Report FCS17076(b) reflects the status of the Public Works Rate Supported Projects and consists of projects totalling \$873.9M of which \$676.4M or 77.4% is spent or committed as of December 31, 2017.

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 December 31, 2017
(FCS17076(b)) (City Wide) – Page 2 of 4**

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

Percentage of Completion Comparison as of December 31

	2017	2016	2015	2014
Tax Supported Program	77.5%	81.3%	74.1%	84.7%
Rate Supported Program	77.4%	76.6%	79.7%	81.3%

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. 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 December 31, 2017
(FCS17076(b)) (City Wide) – Page 3 of 4**

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

Report FCS17076(b) 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

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

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.

The financial information in Report FCS17076(b) is based on spending to December 31, 2017.

ALTERNATIVES FOR CONSIDERATION

Not applicable.

ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN

Community Engagement & 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 December 31, 2017
(FCS17076(b)) (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” – Capital Projects Status Report – Public Works – Tax Supported Projects as of December 31, 2017

Appendix “B” – Capital Projects Status Report – Public Works – Rate Supported Projects as of December 31, 2017.

AC/dt

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
As of December 31, 2017

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 December 31, 2017
			a	b	c	d	e		
Pan-Am Games									
2011	3621154100	Pan Am Games - Ivor Wynne	149,700,000	140,502,766	394,603	8,802,631	94.1%	C. Ippolito	In Litigation
Total Pan-Am			149,700,000	140,502,766	394,603	8,802,631	94.1%		
Parks & Cemetery									
2014	4401453100	Cemetery Software Replacement	60,000	50,000	-	10,000	83.3%	S. Clarke	Completion Q2 2018
2015	4401549002	Marina Pier&Dock Repair-Replc	252,100	133,617	45,362	73,121	71.0%	W.Kindree	Waterfront Shoreline restoration and erosion mitigation works, timing dependent on available funds. Shoreline Engineer report expected in Q2 2018
2015	4401549503	Cemetery Development	183,320	59,399	123,921	-	100.0%	S. Clarke	Woodlands Columbarium Development ongoing Q2- 2018
2015	4401552600	Playground Lifecycle Replace	195,000	195,000	5,120	(5,120)	102.6%	W.Kindree/ S. Ames	Remaining funds combined with Project ID 4401752600 to complete a large project, completion Q2 2018.
2015	4241509110*	Victoria Park - Resurface Splash Pad	140,000	-	-	140,000	0.0%	W. Kindree/ A. McDonald	Design, build RFP for Refurbishment of spray pad to be completed in Q3 2018, for demo Q4 2018, install Q2 2019.
2016	4241609103*	Upgrades to Dow Parkette	300,000	174,126	0	125,874	58.0%	K. Bunn	Project managed through the Ward Councillors Office directly.
2016	4401611601	Cemetery Roads Rehabilitation Program	95,000	37,098	2,000	55,902	41.2%	W.Kindree/ S. Clarke	Completion Q2 2018 - Woodland cemetery
2016	4401641001	Cemetery Building Repairs	80,000	19,863	51,659	8,478	89.4%	W.Kindree/ S. Clarke	Mount Hamilton Cemetery MP expected Q1 2018
2016	4401649008	Extreme Park Makeover Program	45,000	29,613	0	15,387	65.8%	A.Moroz	Funds to be expensed by Q2 2018 - purchasing trailer supplies and coordinating a small makeover at Belview Park.
2016	4401649102	Sports Field Rehab Program	80,000	(11,833)	11,628	80,205	-0.3%	W. Kindree/ A. McDonald	Investigate location for field improvement, Q3-2018
2016	4401649104	Park Sports/Security Lighting Upgrade Program	30,000	3,656	0	26,344	12.2%	W. Kindree/ A. McDonald	CLOSE Next BER - Remaining funds to be transferred to 4401749104 - Q1 2018
2016	4401652600	Playground Lifecycle Replacement Program	200,000	138,734	54,660	6,606	96.7%	W. Kindree/ S. Ames	Completion Q2 2018-Gage Park

Note: * Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
As of December 31, 2017**

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 December 31, 2017
			a	b	c	d	e		
2016	4401654699	Tennis Court Rehabilitation Program	70,000	36,352	1,100	32,548	53.5%	W. Kindree/ S. Ames	Close next BER -Remaining funds to be transferred to 4401849107 - Q1 2018
2016	4401656001	Leashfree Dog Park Program	60,000	1,042	0	58,958	1.7%	A.McDonald	Funding proposed for addition dog park location, site feasibility underway
2016	4241609104*	Victoria Park Playground	80,000	0	66,725	13,275	83.4%	Kara Bunn	Completion Q2 2018
2016	4241609603*	Irrigation System Macassa Park	120,000	79,627	-	40,373	66.4%	W. Kindree/ A. McDonald	Investigate the need for increased capacity proposed for new irrigation system Q2 2018
2017	4401711601	Cemetery Roads Rehab Program	80,000	65,000	15,750	(750)	100.9%	W.Kindree/ S. Clarke	CLOSE next BER - remaining funds to be transferred to 4401811601 - Q1 2018
2017	4401718002	Pedestrian Bridge Repl&Repair	75,000	0	-	75,000	0.0%	W. Kindree/ A. McDonald	To be reallocated for site work Heritage Green 4401849802 Q1 2018
2017	4401741001	Cemetery Building Repairs	75,000	0	0	75,000	0.0%	W.Kindree/ S. Clarke	Mount Hamilton Works building repairs, Q4 2018
2017	4401749007	Cemetery Columbarium	62,250	35,804	15,335	11,111	82.2%	S. Clarke	Completion Q2 2018 for Woodlands Columbarium
2017	4401749008	Extreme Park Makeover	23,000	19,836	0	3,164	86.2%	A.Moroz	Funds will be used for the EPM at Woodlands Park this summer.
2017	4401749104	Security Lighting Program	43,400	1,832	0	41,568	4.2%	W. Kindree/ A. McDonald	LED upgrades and replacements to park lighting Q2 2018
2017	4401749107	Park Fencing Program	100,000	(20,126)	161,430	(41,304)	141.3%	W. Kindree/ A. McDonald	Fund negative variance through 4401709404 for work conducted for the Montgomery Park Basketball Court. Est. completion Q2 2018.
2017	4401749510	Spraypad Infrastructure Rehab	116,300	0	-	116,300	0.0%	W. Kindree/ A. McDonald	Gage Park pressure investigation, Q2 2018
2017	4401749607	Outdoor Ice Rink Program	35,000	384	1,100	33,516	4.2%	W. Kindree/ A. McDonald	Outdoor lighting at Captain Cornelius Park outdoor rink, Q2-2018, subject to Alectra timing.
2017	4401749610	Park bleacher Replacement	40,000	1,094	0	38,906	2.7%	W. Kindree/ A. McDonald	To be reallocated for site work Heritage Green 4401849802 Q1 2018
2017	4401749612	Cemetery Id Signs	45,000	24,678	1,712	18,610	58.6%	W. Kindree/ A. McDonald	Remaining funds for Grove cemetery sign Completion Q3 2018
2017	4401751501	Sportsfield Irrigation System	60,000	23,050	1,647	35,303	41.2%	W. Kindree/ A. McDonald	Various irrigation improvements at parks, complete Q3 3018
2017	4401751601	Equipment Acquisitions - DC	363,155	93,029	0	270,126	25.6%	S. Williams	In process of inventory and replacement schedule. Includes service vehicle, crew cabs and utility vehicles. Fully committed and spent by Q3 2018.
2017	4401751700	2017 Small Equipment Replace	102,200	22,311	49,489	30,400	70.3%	S. Williams	In process of inventory and replacement schedule Q3 2018.
2017	4401752100	CSA Safety Material Replace	101,900	91,091	3,255	7,554	92.6%	W. Kindree/ S. Ames	Various locations, work complete Q2 2018

Note: * Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
As of December 31, 2017**

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 December 31, 2017
			a	b	c	d	e		
2017	4401752600	Playground Lifecycle Replace	194,100	163,545	26,670	3,885	98.0%	W. Kindree/ S. Ames	Various locations, work complete Q2 2018
2017	4401756001	Leash free Dog Park Program	107,400	44,942	-	62,458	41.8%	A. McDonald	Completion Q4 2018 - location of new dog park to be determined
2017	4401756709	Augustus Jones Fountain Rep	13,750	0	0	13,750	0.0%	K. Bunn	Work completed under different account, journal transfer required.
2017	4401756711	Felker Park-Play Structure	95,000	-	81,330	13,670	85.6%	K. Bunn	Project initiated, to be completed Q2-2018
Total Parks & Cemetery			3,722,875	1,512,764	719,893	1,490,218	60.0%		
Forestry & Horticulture									
2011	4451153001	Emerald Ash Borer Plan	11,776,631	11,233,126	585,265	(41,760)	100.4%	L. Seely	Multi-yr. program. 10-yr removal and replanting strategy. Additional funds to this project ID until 2022. Expenditures of the 10-yr life of the program will be as approved by Council
2014	4451451009	1301 Upper Ottawa St Yard Enhancement	455,000	403,919	-	51,081	88.8%	J. Taylor	Closure Q1 2018 - Surplus funds transferred to Gage Park Tropical House February 2018.
2014	4451451004*	Gage Park Tropical House	5,225,500	2,747,648	2,650,235	(172,383)	103.3%	L. Seely	Construction ongoing. Completion target Fall 2018. Variance to be mitigated by year end.
2015	4241509678*	Mountain Brow Vista Study Plan	278,000	132,050	12,030	133,920	51.8%	M. Monaghan	This program includes implementation which will be done in summer 2018.
2016	4451653444	Tree Planting Program	1,345,000	1,200,916	15,391	128,693	90.4%	L. Seely	Closure Q1 2018
2016	4451653644	Tree Planting Program Wards 3-5	398,910	125,982	0	272,928	31.6%	L. Seely	Multi-year Councillor initiated project, Community coordination and Staff Directed programs in progress. Funds are anticipated to be 100% committed by year end 2018
2016	4241609507*	Tree Planting Ward 5	400,000	76,453	54,955	268,592	32.9%	L. Seely	Multi-year, Councillor initiated project. Staff working with community representatives and Ward Councillor to identify and investigate planting locations for the 2018 planting season. Funds are anticipated to be 100% committed by year end 2018
2017	4451751007	Rural Street Parks and Cemeteries Tree Inventory	140,000	82,928	15,000	42,072	69.9%	L. Seely	Multi-year project, in year 2 of 3. Expected completion Q4 2018.
2017	4451751700	2017 Small Equipment Replace	60,000	14,873	11,544	33,583	44.0%	L. Seely	Funded from reserve. Small Equipment Replacement project is in year 1 of 3. Expenditure on target.
2017	4451753444	Tree Planting Program	2,001,020	1,196,879	362,938	441,203	78.0%	L. Seely	Multi year ongoing project.
Total Forestry & Horticulture			22,080,061	17,214,774	3,707,358	1,157,929	94.8%		

Note: * Project is partially or fully funded from Area Rating (Wards 1 to 8) reserves.

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
As of December 31, 2017**

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 December 31, 2017
			a	b	c	d	e		
Waste Management									
2009	5120991101	Glanbrook Landfill-Stage 3 Development	6,800,000	2,784,145	3,975,315	40,540	99.4%	R. Conley	Construction currently taking place. Scheduled to be completed by Q2 / Q3 of 2018 depending on weather conditions.
2012	5121241200	Accommodation Updates	200,000	4,636	0	195,364	2.3%	R. Ellis	Final layout provided by Facilities March 2018. Facilities to quote based on layout proposed. Should be complete Q2/Q3. Project to be closed when complete.
2012	5121290111	Leaf&Yard Composting Facility Relocation	200,000	119,049	81,385	(434)	100.2%	R. Conley	Waiting on final comments and approval from the MOECC. Once received this project ID will be closed out. Expect an answer by Q3 of 2018.
2013	5121357001	GPS System-Curbside Collection	85,000	76,210	-	8,790	89.7%	C. Vidler	Balance of administrative vehicles (6) will be funded from this account for AVL technology. Once completed project can be closed.
2014	5121449002	CCF Air Handling-Odour Control	1,246,000	333,504	0	912,496	26.8%	J. McCormick	Pilot Test for long term solution is ongoing in is anticipated that funds will be allocated in Q3/Q4 2018.
2014	5121490411	MRF Remediation	210,000	112,635	89,314	8,051	96.2%	E. Prpic	Currently completing RSC process including Phase I & II ESAs. Anticipate project completion Q2 / Q3 2018.
2014	5121490530	Sign Kiosks&Poster Sleeve Prgm	200,000	-	0	200,000	0.0%	P. Wobschall	POs awarded for design of poster sleeves and informational kiosks, and restoration of existing units. Proposed locations are being approved internally. Manufacture of units planned for Q2 2018, and installation planned for Q3 2018.
2014	5121492000	Closed Landfill Maint&Cap Impr	172,000	118,111	50,208	3,681	97.9%	R. Conley	AMR reports will be finalized and submitted to the MOECC by July of 2018. Once submitted this project will be completed. Early Q3.
2014	4241409206*	Poster Kiosks	70,000	1,505	-	68,495	2.2%	P. Wobschall	POs awarded for design of poster sleeves and informational kiosks, and restoration of existing units. Proposed locations are being approved internally. Manufacture of units planned for Q2 2018, and installation planned for Q3 2018.
2015	5121591000	Glan Landfill Cap Improvements	222,000	150,124	46,626	25,250	88.6%	R. Conley	Committed projects expected to be completed by end of Q2 of 2018.
2015	5121594511	Transfer Stn & CRC Expansion	200,000	73,926	0	126,074	37.0%	J. McCormick	Funds will be used in Q2/Q3 2018 to implement recommendations including design work for expanding the MCRC drop off area
2016	5121651602	New Driver/Vehicle Technology	100,000	29,277	4,495	66,228	33.8%	C. Vidler	Route Optimization RFP closed Q1 2018, to be awarded Q2 2018. Anticipated funds will be fully committed.
2016	5121655610	2020 Waste System Planning	450,000	132,059	0	317,941	29.3%	E. Prpic	Funds to be committed / spent by Q4 2018. Projects include route optimization, 2020 system planning which includes review best practices, determining contractual implications of WFOA, hiring consultants, etc.

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2016	5121691000	Glanbrook Landfill Capital Improvement Program	275,000	221,919	50,699	2,382	99.1%	R. Conley	Stone delivery for the final access ramp still needs to be installed. Delayed due to weather. Once installed in late Q2 of 2018 and final invoice is paid close project.
2016	5121692000	Closed Landfill Maintenance & Capital Improvement Program	290,000	220,905	50,061	19,034	93.4%	E. Prpic	Waiting on final invoice from a contractor. Once received project ID will be closed. Q2 of 2018.
2016	5121693000	Maint & Capital Improvements-Resource Recovery Centre	87,200	45,028	28,200	13,972	84.0%	E. Prpic	Can be closed in Q2 once remaining PO is closed
2016	5121695525	SWMMP - Planning & Approvals Program	90,000	25,237	-	64,763	28.0%	E. Prpic	Funds to be committed by Q3 2018 on SWMMP diversion programs such as multi-res, reducing recycling contamination rates, etc.
2017	5121755137	Waste Management R&D	195,000	59,352	9,660	125,988	35.4%	E. Prpic	Funds to be used for 2018 audit program, public space recycling, etc.
2017	5121790100	CCF Rolling Stock Replacement	1,097,000	-	0	1,097,000	0.0%	E. Prpic	Tender has closed and the PO has been issued for loaders and delivery/payment is expected in Q3 2018
2017	5121790200	Diversion Container Replacement	695,000	662,037	42,579	(9,616)	101.4%	C. Vidler	Close once final invoices are paid.
2017	5121790700	PublicSpace&Sp Event Containers	250,000	189,049	3,147	57,804	76.9%	C. Vidler	Balance of funds to be fully committed in 2018.
2017	5121791000	Glan Landfill Cap Improvements	305,000	286,575	17,452	973	99.7%	R. Conley	Aspects of this project were put on hold. Expect this project to be completed Q3 of 2018.
2017	5121792000	Closed Landfill Maint&Cap Imp	211,000	89,756	13,097	108,147	48.7%	E. Prpic	Year 3 of maintenance agreement will be committed to the project ID. Fully committed by end of Q2 of 2018.
2017	5121793000	Resource Recovery Centre	270,000	88,579	121,455	59,966	77.8%	J. McCormick	Anticipated the MRF wall repair will be completed in Q3 2018
2017	5121794000	Transfer Stn CRC Main Improv	543,850	440,033	27,160	76,657	85.9%	J. McCormick	Final invoices for projects (TS roof assessments) are presently being paid and then the account can be closed by end of Q2 2018.
2017	5121794002	Transfer Stn Door Replace	200,000	124,267	-	75,733	62.1%	J. McCormick	Transfer Station Door project is complete. Remaining funds can be appropriated to 5121893000
2017	5121794700	Weighscale Software Upgrade	130,000	64,346	63,233	2,421	98.1%	E. Prpic	Project implemented in early March. Final invoices should be paid in early Q2.
2017	5121795525	SWMMP-Planning&Approvals Program	120,000	-	0	120,000	0.0%	E. Prpic	Funds to be committed / spent by Q4 2018 as part of SWMMP report back.
Total Waste Management			14,914,050	6,452,264	4,674,086	3,787,700	74.6%		

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Open Space Development									
2007	4400756103	Heritage Green Sports Park	3,263,800	3,253,135	15,000	(4,335)	100.1%	M. Kosiuk	Works yard construction ongoing per site plan approval. Project coordinated by Parks Operations staff. Keep open until construction complete.
2007	4400756755	Joe Sams Park Phase 2 Development	3,365,000	2,720,841	616,467	27,692	99.2%	W. Kindree	Ball diamond lighting project under construction. Estimated completion spring 2018. Design and construction of picnic shelter in coordination with Lion's Club in 2018. Multi-phase, multi-year project, keep open.
2008	4400856600	Olmstead Natural Open Space	1,386,000	1,318,161	41,651	26,188	98.1%	C. Graham	Ongoing monitoring for vegetation establishment and erosion mitigation. Keep open.
2010	4401056060	Open Space Replacement Strategy - East Mountain Trail	1,236,000	790,039	404,873	41,088	96.7%	K. Wheaton	Tender awarded, construction to begin spring 2018. Keep open.
2010	4401056090	Johnson Tew Park	1,345,200	1,306,798	43,962	(5,560)	100.4%	C. Graham	Project complete, pending warranty. Evaluating commitments to determine closures and final payments. Keep open
2010	4401056521	Trillium Seabreeze Park	980,000	917,438	0	62,562	93.6%	I. McQueen/ M. Kosiuk	The City is presently dealing with legal issues on the project. PW11-41 cannot be closed at this time.
2010	4401056002*	The Gore Master Plan	3,699,454	3,491,970	52,413	155,071	95.8%	M. Stewart	Phase 3 construction anticipated in future years, pending finalization of grades required for LRT. Keep open.
2010	4401056127*	Churchill Park-Soccer Field & MP	2,163,690	861,303	41,871	1,260,516	41.7%	K. Wheaton	Phase 1 construction tender is waiting on permit approval by the NEC. Multi-year, multi-phase program, keep open.
2011	4401156916	Freelton Community Park Development	271,510	159,807	-	111,703	58.9%	L. Stasiuk/ K. Berry	WIP fund 2018 Capital Budget - WHSI Central Park
2012	4401255002	Confederation Park Feasibility Study	256,000	242,497	12,800	703	99.7%	L. Stasiuk	Final version of the study pending. Keep open.
2012	4401256126	Shaver Neighbourhood Park Development	1,523,960	981,380	71,673	470,907	69.1%	S. Eakins	Tender imminent. Anticipate construction in summer 2018. Keep open.
2012	4401256201	Fairgrounds Community Park	390,111	322,969	-	67,142	82.8%	M. Kosiuk / Construction Services	Funds identified in 2018 capital budget to be transferred to Mount Hope exceeded the amount in the project id. This led to a deficit in the project id. Appropriations from other completed projects will be used to rectify this deficit.
2012	4401256516	Trillium Garden Park	344,450	98,162	-	246,288	28.5%	L. Thomassin	Staff report pending regarding this project. Keep open.
2012	4401256520	Gage Park Redevelopment - Walkway Lighting and Paving	2,894,416	2,109,447	36,489	748,480	74.1%	L. Thomassin	This work to be included in larger Storm Water Management pond project by Design, to be tendered shortly. Work to be completed in 2018. Keep open.
2012	4401256613	Ancaster Community Center Ball Diamond	468,305	118,650	3,039	346,616	26.0%	K. Preston	Tender published, will close shortly. Construction spring 2018. Keep open.

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2012	4401256801	Green Millen Shore Estates Waterfront	825,000	653,318	8,867	162,815	80.3%	M. Kosiuk	Final payments pending for the construction of the trail. Developer build. Keep open for final payment per PDFAs.
2013	4401356002	Beasley Park Rehabilitation	2,086,475	347,660	47,646	1,691,169	18.9%	J. van der Laan de Vries	Funds awarded through tender. Construction underway, completion in 2019.
2013	4401356107	Cherry Beach Lakefront Park	3,662,100	2,372,928	225,231	1,063,941	70.9%	M. Kosiuk / Real Estate	Warranty period underway for shoreline works. Keep open. Multi-year program.
2013	4401356124	William Connell Community Park	5,440,000	3,650,410	1,828,132	(38,542)	100.7%	M. Kosiuk	Construction completion anticipated end of June 2018. Delays due to wet weather in 2017. Future phase for building to be tendered by Facilities. Keep open until construction complete.
2013	4401356541	Borers Creek Trail Link	774,000	746,653	45,576	(18,229)	102.4%	L. Thomassin	Construction is complete. Keep open to reconcile payments and close PO.
2013	4401356801	Confederation Park - Sports Park Development	9,161,685	4,968,639	821,825	3,371,221	63.2%	J. Epp	Conditional approval received for Site Plan application. Tender imminent. Keep open.
2013	4241309202*	McLaren Park - redevelopment	748,450	734,061	5,881	8,508	98.9%	M. Stewart	Project complete. Pending PO closure, reconcile and transfer funds to Beasley Park.
2014	4401456009	Mount Hope Park Redevelopment	700,000	219,228	166,011	314,761	55.0%	M. Kosiuk	Tender imminent. Anticipate construction in spring and summer 2018. Keep open.
2014	4401456101	Perth Park - Grange School	589,845	581,400	220	8,225	98.6%	M. Stewart	construction complete, and substantial performance awarded. Final holdback release pending. Keep open.
2014	4401456300	Parkside Hills	45,155	9,800	0	35,355	21.7%	J. Vandriel	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. Keep open.
2014	4241409214*	Beasley Skateboard Park	80,000	8,711	-	71,289	10.9%	L. Stasiuk	Funds awarded through tender. Construction underway, completion in 2019.
2014	4241409341*	Pipeline Master Trail Plan	530,000	298,727	76,839	154,434	70.9%	S. Eakins	Design of trail from Brampton To Grace underway. Construction anticipated in 2019.
2014	4401456401*	Parkland - Stadium Precinct	12,418,475	8,756,605	309,547	3,352,323	73.0%	T. Briatico/ M. Stewart	Recommendations from consulting team anticipated shortly to determine next steps. Additional testing to delineate site conditions required before Risk Assessment is initiated. Keep open.
2015	4401556503	Heritage Green Sports Pk Ph. II	855,000	470,114	354,959	29,927	96.5%	M. Kosiuk	Tender awarded, and construction started on the spray pad and play area. Anticipated completion in spring 2018. Future funds for future phases required. Keep open.
2015	4401556504	Trails Master Plan Update	383,300	288,761	94,010	529	99.9%	S. Eakins	Kay Drage Trail Link continues under construction. Shut down for winter, but will start up again shortly. Other trail connections evaluated in 2018 for programming and future budgeting. Keep Open.
2015	4401556506	Vincent Massey Park Development	624,000	565,862	104,312	(46,174)	107.4%	C. Graham	Contractor in breach of contract. City to use former holdback fund to rectify deficiencies. Keep Open.

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2015	4401556510	Dundas Valley HS Soccer	250,000	31,478	-	218,522	12.6%	C. Graham	Funding contribution for soccer field. Funds to be committed on invoicing. Coordinated project through Recreation.
2015	4401556512	Glanbrook Hills Park	780,000	682,025	64,530	33,445	95.7%	S. Eakins	Tender for Installation of second set of swings and sun shelter imminent. Keep open until construction complete.
2015	4401556802	Beach Park Dev Program	100,000	30,065	1,625	68,310	31.7%	C. Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2015	4241509115*	Urban Fitness Trail	28,200	-	0	28,200	0.0%	C. Graham	Ward 4 Fitness trail, to coordinate with future of community centre, and pending funding for construction.
2015	4401556511*	Nash Orchard Park	18,646	10,367	-	8,279	55.6%	M. Stewart	Pre-design work has been initiated. Future funds required for implementation. Requirement for area development to progress prior to park work.
2015	4401556513*	Riverdale East Park Spray Pad	520,000	505,641	8,494	5,865	98.9%	K. Wheaton	Construction complete, including fix of deficiencies. Keep open pending holdback release.
2015	4401556514*	St Christopher's Park	230,000	98,868	500	130,632	43.2%	A. McDonald/ C. Graham	Minor work still to be completed. Keep open for project completion and holdback release.
2015	4401556516*	Carpenter Park Redevelopment	669,000	513,084	71,798	84,118	87.4%	L. Thomassin	Construction complete. Reconcile and close.
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%	J. DiDomenico/ L. Stasiuk	HCA Lead; Project is a Ward Councillor priority. Funds are for Waterpark improvements and a visioning exercise to be used as input to future business strategy for the facility. Anticipated completion by Q3-2018
2016	4401655600	Parks Testing and Reporting	46,700	42,667	4,052	(19)	100.0%	C. Graham	Ongoing program required for testing and quality control at park and trail development projects.
2016	4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,652,000	1,458,464	221,506	(27,970)	101.7%	M. Stewart	Phase 3 construction anticipated in future years, pending finalization of grades required for LRT. Keep open.
2016	4401656601	Bobolink Replacement Habitat	201,500	136,779	19,755	44,966	77.7%	K. Wheaton	Bobolink habitat enhancement at Upper Ottawa Landfill site. Keep open for duration of the contract. Ongoing project, monitoring by MNR.
2016	4401656603	Sam Lawrence Park	170,000	95,414	2,271	72,315	57.5%	L. Stasiuk	Investigation of engineering requirements for works at park to address aging viewing decks. Ongoing program. Parks Ops Lead
2016	4401656605	Upper Stoney Creek Splash Pad #2	835,010	100,242	730,461	4,307	99.5%	L. Thomassin	Construction underway with target completion of spring 2018. Keep open until construction is complete.
2016	4401656610	Turner Park Ball Field Irrigation	100,000	100,762	-	(762)	100.8%	A. McDonald/ C. Graham	Reconcile and close
2016	4401656613	RHV Trails Master Plan - The Turtle	168,000	168,602	278	(880)	100.5%	M. Stewart	Project complete, pending holdback release. Keep open.

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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.
2017	4401755600	Parks Testing and Reporting	99,200	86,660	9,452	3,088	96.9%	C. Graham	Ongoing program required for testing and quality control at park and trail development projects.
2017	4401756402	Waterdown S Pk 2 (Agro Pk)	710,000	71,117	0	638,883	10.0%	M. Kosiuk	Construction is complete. Payment pending legal agreement with Developer. Keep open.
2017	4401756612	Up Country Ests Proposed Pk DB	710,000	71,000	-	639,000	10.0%	M. Kosiuk	Developer-build park. Tender and construction in 2017. Keep open pending final payments and holdback release.
2017	4401756701	North Wentworth Pk Lands Exp	350,000	35,000	0	315,000	10.0%	S. Eakins	Funds for acquisition of additional parkland at North Central Park (Mars Park), from Industrial subdivision development adjacent. Keep open pending payment.
2017	4401756702	Fallen Firefighter's Memorial	125,000	20,624	76,796	27,580	77.9%	J. Epp	Detailed design work underway for location at Gage Park. Multi-year project, keep open.
2017	4401756703	Mountain Brow Path	180,000	81,802	73,832	24,366	86.5%	L. Thomassin	Public consultation in March 2018, and finalization of report by summer 2018. Future fund swill be required for implementation of the recommended route.
2017	4401756710	Valley Park-Skateboard Park	100,000	-	0	100,000	0.0%	W. Kindree	Public consultation has begun, and formal design work will start in Q2. Keep open.
2017	4401756718	Ancaster Meadows Pk (Proposed)	70,000	17,728	0	52,272	25.3%	L. Thomassin	Public consultation in October 2017. Detailed design to be completed in 2018. Future funds required for construction, pending transfer of ownership to city.
2017	4401756802	Beach Park Dev Program	100,000	-	0	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	675,000	492,776	214,454	(32,230)	104.8%	M. Kosiuk	Construction completion anticipated end of June 2018. Delays due to wet weather in 2017. Future phase for building to be tendered by Facilities. Keep open until construction complete.
2017	4401756706*	Roxborough Park ReDev & Design	91,000	21,457	0	69,543	23.6%	L. Thomassin	Public consultation to begin in Q4 2017. ongoing coordination with CHH and developer. Future funds required for construction of the redevelopment plan. Keep open.
2017	4401756907*	Century Street Park	220,000	35,314	7,306	177,380	19.4%	W. Kindree	Detailed design work underway in preparation for tender in Q2 and construction in 2018. keep open. Future coordination with public art.
2018	4401856900	Bruce Park Spraypad	530,000	2,046	42,188	485,766	8.3%	K. Wheaton	RFP to be advertised imminently, for a design/build contract for this project. Keep open.
Total Open Space Development			72,540,637	48,458,812	7,017,396	17,064,429	76.5%		

West Harbour Strategic Initiative

2012	5181206222	Setting Sail-Floating Brkwater	4,860,000	4,012,825	26,420	820,755	83.1%	G. Norman	Project complete. Available funds to be appropriated to 4411506107 Piers 5-7 Marina Shoreline Rehab in Q1 2018. Then CLOSE.
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2013	4901355303	Piers 5-8 Prkng&Traffic Study	100,000	95,493	4,497	10	100.0%	G. Norman	Parking strategy complete; Once PO closed, project can close next BER
2013	8201355302	Urban Design & Dev - Piers 5-8	292,000	232,239	0	59,761	79.5%	G. Norman	UDS complete; available funds to be transferred to 4411506104 Pier 8 Draft Plan / Zoning
2013	8201355880	Implementation of Setting Sail	437,000	319,296	140,362	(22,658)	105.2%	G. Norman	In-progress supporting various WHSI projects including Pier 8 Solicitation. Appropriate overage related to chargebacks from 8201355302 Urban Design & Dev - Piers 5-8
2015	4411506103	Pier 8 Sanitary PS & Forcemain	5,850,000	427,877	402,593	5,019,530	14.2%	G. Norman	Detailed design at 90%; refining detailed design prior to tender
2015	4411506104	West Harbour Draft Plan&Zoning	610,000	490,887	37,311	81,802	86.6%	G. Norman	Draft plan and zoning under appeal; additional study in support of appeal is underway
2015	4411506105	Pier 5-7 Marina Reconstruction	7,635,000	8,988,767	205,484	(1,559,251)	120.4%	G. Norman	Project complete; HPA and RHYC to be invoiced early 2018 pending finalizing details. Variance is made up of revenues expected from RYHC and HPA per finance agreements.
2015	4411506106	Marina Services & Gas Dock	355,000	258,969	9,995	86,036	75.8%	G. Norman	Project underway ; being coordinated with Piers 5-7 (HWT)
2015	4411506107	Pier5-7 Marina Shoreline Rehab	8,065,000	1,339,784	600	6,724,616	16.6%	G. Norman	Project underway by HWT
2015	4411506108	West Harbour RSC	1,736,777	1,418,381	228,780	89,616	94.8%	G. Norman	In progress; RA / RMP complete; finalizing approvals. Anticipate surplus when RSC is filed in late 2018
2015	4411506109	West Harbour Site Remediation	2,182,000	680,064	384,889	1,117,047	48.8%	G. Norman	Demolition 90% complete; remediation complete; site prep complete in early 2018
2015	4411506111	Bayfront Park Beach Study	200,000	130,575	95,259	(25,834)	112.9%	G. Norman	Study complete. Keep open until mid 2018. Reappropriation pending from 4411606111
2015	4411506201	Central Park Master Plan	100,000	54,304	58,811	(13,115)	113.1%	G. Norman	In the detail design and budget approval for park in 2018. There may be money left over when the design is completed.
2016	4411606001	CHH Site Servicing Study	120,000	15,453	0	104,547	12.9%	G. Norman	This project may be closed in Q2 2018
2016	4411606002	Real Estate Disposition Process	464,200	244,009	67,410	152,781	67.1%	G. Norman	Prequalified Proponents identified Sept. 2017. RFP released Dec. 2017. to closed in phases Mar and April 2018.
2016	4411606003	Community Engagement Imp.	460,000	166,517	-	293,483	36.2%	G. Norman	Program in support of public-facing WHSI projects; on-going; complete in 2019.
2016	4411606004	Marketing Communication Imp.	450,000	95,980	13,078	340,942	24.2%	G. Norman	Program on-going; includes Pier 8 Solicitation Process, "Barton-Tiffany" lands & Pier 6-7 Commercial Village.
2016	4411606101	Pier 6-8 Servicing Design	1,785,000	553,222	416,265	815,513	54.3%	G. Norman	Detailed design 90% complete
2016	4411606102	Pier 5-7 Boardwalk	510,000	19,316	-	490,684	3.8%	G. Norman	Project underway by HWT
2016	4411606103	Pier 6 Artisan Village (CAN150)	1,170,000	21,892	0	1,148,108	1.9%	G. Norman	Project underway by HWT

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2016	4411606104	Pier 7 Commercial Village	2,250,000	45,071	-	2,204,929	2.0%	G. Norman	Project underway by HWT
2016	4411606105	Pier 8 Shorewall	8,095,000	724,219	270,104	7,100,677	12.3%	G. Norman	Detailed design 25% complete
2016	4411606106	Pier 8 Promenade	860,000	286,620	537,000	36,380	95.8%	G. Norman	Detailed design 25% complete
2016	4411606111	Bayfront Park Beach Rehab	80,000	73,102	0	6,898	91.4%	G. Norman	Implementation on hold until after report to Council in Q2 2018
2016	4411606201	Bar-Tiff Site Remediation	850,000	94,720	43,341	711,939	16.2%	G. Norman	Phase 1 ESA underway; complete in Q1 2018
2016	4411606202	Bar-Tiff Site Servicing Study	180,000	18,116	0	161,884	10.1%	G. Norman	Additional study to be scoped through development of B-T Disposition Strategy
2016	5121692001	Central Park Remediation	4,100,000	153,216	9,615	3,937,169	4.0%	G. Norman	Risk assessment and risk management plan work underway.
2017	4411706101	Pier 6-8 Servicing Constrn	4,330,000	365,928	0	3,964,072	8.5%	G. Norman	To be tendered in Q1 2018
2017	4411706102	Pier 8 Park	219,300	133,991	80,520	4,789	97.8%	G. Norman	Detailed design underway
2017	4411706103	Bayfront Park Upgrades Ph. 1	500,000	22,190	0	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	-	0	110,000	0.0%	G. Norman	Project underway by HWT
2017	4411706105	WH Parking Garage Feasibility	300,000	13,314	0	286,686	4.4%	G. Norman	RFP in Q2 2018
2017	4411706201	Bar-Tiff Real Est Solicitation	100,000	-	0	100,000	0.0%	G. Norman	Report to Council with Recommendations expected in Q3 2018.
2017	4411706202	Adaptive Comm Re-use 125 Barton St. W	800,000	-	0	800,000	0.0%	G. Norman/ R. Ellis	Project tendered. Award in Jan.18. Anticipated completion Sept.18.
Total West Harbour Initiative			60,156,277	21,496,337	3,032,334	35,627,606	40.8%		

Energy Initiatives

2014	7901448401	Combined Heat Power Macassa	1,525,000	41,164	-	1,483,836	2.7%	F. Jilani	Close out Q1 2018 pending resolution of reappropriation.
2014	7901448403	Low E Ceilings-Arenas	100,000	101,699	0	(1,699)	101.7%	M. Carson	Incentives due to arrive in Q2 2018. Incentive will be less than anticipated so the deficit will be funded from WIPS through appropriation.
2014	7901448406	Ice Plant Optimization Arenas	425,000	63,071	0	361,929	14.8%	M. Carson	Continue to resolve procurement process.
2016	7901641600	Hamilton Place LED Light	590,000	171,831	275,874	142,295	75.9%	M. Carson	Phase 1 95% complete Phase 2 out for tender
2016	7901641601	First Ontario Centre	530,000	359,754	41,701	128,545	75.7%	M. Carson	Complete proceeding to Close out once final payments are made Q2 2018
2016	7901641602	Fire Stations LED Light	215,000	9,525	203,768	1,707	99.2%	F. Jilani	Construction underway. 30% complete.

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2016	7901641603	Parkdale Firestone Ceiling	90,000	96,390	400	(6,790)	107.5%	M. Carson	Complete proceeding to Close out once final payments are made Q2 2018
2016	7901641604	Aquatic Centres Ext LED Light	106,000	0	13,706	92,294	12.9%	M. Carson	Moving forward now that GHG Challenge fund status is known.
2016	7901641605	Valley Park LED Light	220,000	0	6,864	213,136	3.1%	M. Carson	Moving forward now that GHG Challenge fund status is known.
2016	7901641606	Ice Arena LED Light	1,212,075	987,763	217,784	6,528	99.5%	M. Carson	On track for completion end of Q1
2016	7901641609	Macassa BAS Upgrade	60,000	0	-	60,000	0.0%	F. Jilani	On hold pending decisions made on building refrigeration system
Total Energy Initiative			5,073,075	1,831,197	760,097	2,481,781	51.1%		
Corporate Energy									
2013	3541351006	Building Automated Systems	600,000	322,305	-	277,695	53.7%	F. Gazzola	Riverdale Community Centre Complete. Next Site TBD
Total Corporate Energy			600,000	322,305	0	277,695	53.7%		
Fleet									
2014	4941451003	Restoration - Fleet Fuel Sites	1,280,000	240,069	581,432	458,499	64.2%	A. Fletcher/ J. Sheen	Tank removal completed at 2 locations - the remaining 5 sites to be completed this year
2015	4941551100	Fleet-Vehicle & Equipment Repl	5,860,860	5,157,466	744,476	(41,082)	100.7%	T. Kagianis	1 PO open - scheduled to be closed Q2 2018 any overage will be taken from WIPS
2016	4941651001	Shop Equipment Replacement	165,000	80,171	51,650	33,179	79.9%	T. Kagianis	Tenders not accepted - to be retendered. Verifying yard requirements for racking.
2016	4941651004	Street Sweeper Purchase	1,300,000	1,009,584	302,753	(12,337)	100.9%	J. Sheen	Equipment receipt expected in May - scheduled to close in July any overage to be taken from WIPS
2016	4941651100	Fleet Vehicle&Equipment Replace Program	8,314,210	6,542,376	680,601	1,091,233	86.9%	T. Kagianis	On schedule for completion end of 2018
2017	4941751001	Shop Equipment Replacement	160,000	21,685	32,578	105,737	33.9%	T. Kagianis	Some equipment has arrived, Verifying yard requirement priorities.
2017	4941751100	Fleet-Vehicle & Equipment Repl	7,085,000	3,946,478	2,678,390	460,132	93.5%	T. Kagianis	On schedule for completion end of 2019
Total Fleet			24,165,070	16,997,829	5,071,880	2,095,361	91.3%		
Facilities									
2013	3541349003	Backflow Prevention-Facilities	2,003,000	1,363,018	508,207	131,775	93.4%	C. McKay/ K. Zukauskas	Ongoing through 2017/2018.
2013	3541351005	Generator BlackOut Testing	282,000	206,980	30,000	45,020	84.0%	T. Briatico	Completion 2017. Surplus to be utilized for electrical deficiencies in 2018/2019.

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2013	4401356800	Bayfront Park Work Yard	1,950,000	363,479	88,589	1,497,932	23.2%	R.Ellis	Multi-year project. Project currently in shovel ready state pending funding approval. Ongoing into 2018.
2014	3541441401	POA Administration Offices	35,798,000	23,083,301	13,742,843	(1,028,144)	102.9%	L. Nelson J. Warner	Construction underway. Targeting move-in early Q3 2018 and public opening late August 2018. Report to GIC March 21, 2018, (PW18021) (FCS18024) to address shortfall.
2014	3541441910	RCMP Lease-Capital Replacement	434,000	436,017	2,020	(4,037)	100.9%	T. Briatico	Project in construction. Expected financial completion Q4-2018.
2015	3541541409	Code & Legislative Compliance	450,000	376,949	70,946	2,105	99.5%	R. Ellis	Waiting for commitments to clear. Remaining funds to be used for the Compliance program for 2017, targeting completion in 2017/2018.
2015	3541541510	Control Ctre & Automation Upgr	1,100,000	336,985	35,000	728,015	33.8%	R. Ellis	Priorities include immediate commitment for capital reinvestment in the central plant equipment with HCE. Ongoing 2017/2018.
2015	3541541631	Facilities Security Program	150,000	129,470	20,530	-	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 2018.
2015	3541557001	Archibus-Facility Maintenance	50,000	5,684	0	44,316	11.4%	R. Ellis	Next phase of inventory and PMs to commence in 2017/2018. Ongoing.
2016	3541641010	Facility Upgrades Libraries	312,000	170,675	140,934	391	99.9%	R. Ellis	Library facilities renewals ongoing in 2017. Financial housekeeping in process on annual program. Once commitments clear, then reconcile with annual program to fund ongoing priorities then CLOSE.
2016	3541641013	Firestations Facility Upgrade	363,121	95,754	114,460	152,907	57.9%	R. Ellis	Firestation facilities renewals ongoing in 2017.
2016	3541641402	MTC - CNG Facility Upgrades	1,309,000	1,334,551	24,980	(50,531)	103.9%	R. Ellis	Construction complete. Targeting financial close by early 2019.
2016	3541641409	Code & Legislative Compliance	720,000	576,704	139,678	3,618	99.5%	R. Ellis	City Hall structural rehabilitation was completed in 2016. After the financial close, once all commitments have cleared, reconcile to 2017 Compliance then CLOSE.
2016	3541641412	Roof Management Program	920,000	673,648	23,939	222,413	75.8%	R. Ellis	Roof replacements ongoing in 2018. Reconcile then CLOSE. Once commitments clear, then reconcile with annual program and CLOSE.
2016	3541641532	Facility Capital Maintenance	300,000	171,294	100,108	28,598	90.5%	R. Ellis	Commitments anticipated to clear in 2017. Once commitments clear, then in 2018, reconcile with annual program and CLOSE.
2016	3541641601	Animal Control Facility Design	75,000	64,315	0	10,685	85.8%	R. Ellis	Animal control works started in 2016, ongoing in 2017 & 2018.
2016	3541641602	Ancaster Memorial Arts & Cultural Centre	1,200,000	702,306	502,920	(5,226)	100.4%	R. Ellis	Design is well underway. Anticipated tender for construction in 2018.
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 2018.

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2016	3541641638	Overhead Door Replacement Program	100,000	45,630	-	54,370	45.6%	R. Ellis	Overhead Door Replacements ongoing in 2018.
2016	3541641648	Parking Lot Rehabilitation	250,000	40,228	-	209,772	16.1%	R. Ellis	Parking lot rehabilitations in multiple locations complete and underway. Design & construction ongoing into 2018.
2016	3541641910	RCMP-Lease-Capital Replacement	210,000	83,818	55,258	70,924	66.2%	R. Ellis	Project in construction. Expected financial close Q4-2018.
2016	3541655001	Yard Capital Renewal Program	344,190	188,793	80,403	74,994	78.2%	R. Ellis	Work at yards ongoing into 2018 (e.g. 330 Wentworth & salt domes).
2016	3541657001	Archibus-Facility Maintenance	100,000	10,082	0	89,918	10.1%	R. Ellis	2018 work in Archibus ongoing with programmers (e.g. space planning and links to AutoCAD)
2017	3541741010	Facility Upgrades Libraries	81,000	70,952	30,175	(20,127)	124.8%	R. Ellis	2018 work in Libraries is ongoing. Unfavourable variance to be corrected through annual program.
2017	3541741013	Firestations Facility Upgrade	150,000	23,191	0	126,809	15.5%	R. Ellis	2018 work in Firestations is ongoing
2017	3541741409	Code & Legislative Compliance	581,000	234,286	62,860	283,854	51.1%	R. Ellis	2018 work on Compliance is ongoing.
2017	3541741412	Program - Roof Management	671,800	488,621	165,837	17,342	97.4%	R. Ellis	2018 roof design and construction work is ongoing.
2017	3541741532	Facility Capital Maintenance	813,966	576,760	155,051	82,155	89.9%	R. Ellis	2018 work on Facility Capital Maintenance is ongoing.
2017	3541741603	Central Library Window Replacement	1,200,000	495,101	783,152	(78,253)	106.5%	R. Ellis	Construction completed on time and on budget for the Canada 150 project with deadline of March 2018. Phase 2 of Central Library Windows now underway in 2018.
2017	3541741604	Binbrook Town Hall Skylights	250,000	221,640	36,159	(7,799)	103.1%	R. Ellis	Tender for Binbrook Town Hall Skylights has been awarded, construction underway. Financial close expected Q4-2018.
2017	3541741605	HAMILTON Sign	300,000	122,112	100,000	77,888	74.0%	R. Ellis	New Exterior Signage/Art "Hamilton" at City Hall. Sign is being fabricated.
2017	3541741631	Facilities Security Program	100,000	31,933	0	68,067	31.9%	R. Ellis	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing into 2018.
2017	3541741648	Parking Lot Rehabilitation	405,300	118,027	57,420	229,853	43.3%	R. Ellis	2017 work on parking lots is ongoing into 2018.
2017	3541741910	RCMP Lease-Capital Replacement	210,000	225,715	-	(15,715)	107.5%	R. Ellis	Project in construction. Expected financial completion Q4-2018.
2017	3541755001	Yard Capital Renewal Program	200,000	30,921	34,250	134,829	32.6%	R. Ellis	2018 work in Yards is ongoing (e.g. 330 Wentworth & salt domes).
2017	3541755700	Downtown Office Accommodation	100,000	15,460	-	84,540	15.5%	R. Ellis	Master Office Accommodation Planning (MOAP) Committee has met and is working on an RFP for a design consultant. Ongoing into 2018.

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2017	3541757001	Archibus-Facility Maintenance	100,000	15,460	0	84,540	15.5%	R. Ellis	2017 work in Archibus ongoing with programmers (e.g. space planning and links to AutoCAD)
Total Facilities			53,733,377	33,269,520	17,116,059	3,347,798	93.8%		

Entertainment Facilities

2013	3721341801	HCC Interior Renovations	200,000	195,702	4,298	-	100.0%	R. Ellis	Commitments anticipated to clear in 2017/early 2018. Significantly smaller deficit is anticipated once final invoices are paid. Reconcile with program for HCC HP & CC Lifecycle Renewal.
2015	3721541803	HP Replacements & Renovations	200,000	186,810	-	13,190	93.4%	R. Ellis	Next phase of carpet replacement at HP is complete. Furniture replacement complete. Additional phase of carpet replacement is at the planning stage. Once commitments clear, reconcile with annual program and CLOSE.
2015	3721541805	HCC HP & FOC Lifecycle Renewal	720,519	506,672	217,107	(3,260)	100.5%	R. Ellis	Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH.
2016	3721641805	HCC, HP & FOC Lifecycle Renewal	282,080	180,195	84,995	16,890	94.0%	R. Ellis	Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH.
2017	3721741600	Commonwealth Sq&Summers Ln	530,000	81,940	99,999	348,061	34.3%	R. Ellis	Work currently in design for Commonwealth Square & Summer's Lane.
2017	3721741805	HCC HP & FOC Lifecycle Renewal	1,171,000	316,783	540,531	313,686	73.2%	R. Ellis	Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway. Items completed such as security measures at FOC and compliance item with Fire Order at FOCH.
2017	3721751701	HP Audio Equipment Repair&Repl	60,000	44,270	4,506	11,224	81.3%	R. Ellis	Audio equipment replacement in progressing 2017 at FOCH (formerly HP).
Total Entertainment Facilities			3,163,599	1,512,372	951,436	699,791	77.9%		

Recreation Facilities

2005	7100554707	Flamborough Twin Pad Arena	18,820,170	18,992,128	127,364	(299,322)	101.6%	R. Ellis	Project complete. Portion of property to be sold by Real Estate&Rec City Services. Sale proceeds part of the funding model. Review in 2018/2019.
2010	7101041707	ISF-2425 Morgan Firestone Twin	10,275,000	10,334,172	-	(59,172)	100.6%	J. Warner	Project close pending litigation results. DC funded for reconciliation/mitigation.
2011	7101154710	Senior Centre - Waterdown	1,300,000	1,342,886	114,000	(156,886)	112.1%	S. Gargarello	Construction complete/Facility open. Lower Deficit anticipated. Financial close anticipated in 2018.

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2012	7101254214	Freelton Park Building	2,780,000	2,753,269	16,622	10,109	99.6%	K. Berry	Construction completed, pending financial close in 2018.
2012	7101254201*	Scott Park-New Senior Centre	23,900,000	15,314,009	9,203,678	(617,687)	102.6%	J. Warner	Construction underway. Target construction completion in 2018. Add'l costs continue to be incurred due to poor soil conditions. Anticipated deficit will be reconciled prior to project close. Reconcile with PID 7101649602 and through 2019 capital budget process.
2013	7101341350	Greensville Hall Structure	329,340	331,621	0	(2,281)	100.7%	L. Keermaa	Construction complete. Project to financially close in 2018.
2013	7101354104	Ancaster Senior Centre Expand	1,848,060	2,014,760	0	(166,700)	109.0%	L. Nelson	Project complete. Project reconciliation to be completed in 2018 with corporate finance and in consultation with legal services due to termination and change of general contractor.
2013	7101354105	Park & Fieldhouse Retrofits	1,205,835	1,153,245	0	52,590	95.6%	L. Keermaa	Reconcile then CLOSE, pending land sale.
2013	7101354202*	New Dalewood Community Centre	1,900,000	1,642,784	179,757	77,459	95.9%	R.Ellis	Construction complete. Waiting for commitments to clear. Project to financially close in 2018.
2014	7101454202	Waterdown Memorial Pk Ice Loop	3,000,000	3,203,042	158,700	(361,742)	112.1%	K. Berry	Construction complete. Deficit mitigated Project to financially closed in 2019.
2014	7101454704	HPRC Independence from School	349,000	170,358	-	178,642	48.8%	R.Ellis	Reconcile then CLOSE.
2014	7101454710	SWL Rec Cntr Independence	1,648,000	1,269,532	127,535	250,933	84.8%	R.Ellis	Construction complete. Project to Close financially in 2018, to be reconciled with 7101754805.
2014	4241409208*	Old Beasley Ctre Kitchen Reno	46,600	46,254	1,580	(1,234)	102.6%	J. Joginder	Project Complete. Reconcile and close Q3 2018.
2015	7101541706	Recreation Centre Retrofits	218,969	184,819	23,060	11,090	94.9%	R. Ellis	Elevator repairs and refurbishment ongoing in 2018 based on 3rd party recommendations. Reconcile then close
2015	7101551501	Facility Vehicles	160,000	87,352	0	72,648	54.6%	R. Ellis	Facilities Operations completed specifications for a vehicle RFT. Some vehicles were replaced. Additional vehicle replacements anticipated in 2018.
2015	7101554105	Park & Fieldhouse Retrofits	936,000	757,236	187,641	(8,877)	100.9%	L. Keermaa	Mahoney Pk construction nearly complete Q1 2018. Montgomery Pk Construction completed. Reconcile from annual program then close.
2015	7101554506	Valley Park Community Ctr-Expn	300,000	116,607	8,830	174,563	41.8%	R. Ellis	Library has chosen option which is an addition onto the existing Recreation Centre. Valley Park Recreation Centre renos will be slightly rescope in 2018 and targeted to start in 2020.
2015	7101554507	Chedoke Arena Roof	1,200,000	1,159,728	27,908	12,364	99.0%	R. Ellis	Project is complete. Once final commitments have cleared, this project can be closed with any surplus to be utilized to fund anticipated deficit in roofing program.

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2015	7101554508	Public Use Feasibility Study	150,000	63,085	8,757	78,158	47.9%	R. Ellis	Phase 1 of the Recreation Indoor Use study presented to E & CS Committee in Q3 2016. Phase 2 was deemed necessary moving into 2018.
2015	7101554510	Dundas JLGrightmire Arena Reno	7,000,000	1,333,706	5,841,459	(175,165)	102.5%	R. Ellis	Construction underway. Target fall 2018 completion.
2015	7101554536	Program - Arena Retrofits	184,000	128,327	26,426	29,247	84.1%	R. Ellis	Once commitments clear, reappropriate to annual program in order to fund ongoing priorities then close.
2015	7101557501	Scheduling&Payroll Software App	50,000	-	-	50,000	0.0%	R. Ellis	Appropriate to address Facility Capital Maintenance requirements and close this capital line, software not required at this time.
2015	7101557502	CLASS Software Upgrades	260,380	52,023	24,289	184,068	29.3%	R. Ellis	PO in process to commit these funds.
2015	7101558501	Parkdale Outdoor Pool Redev	225,000	87,398	136,075	1,527	99.3%	R. Ellis	Design has started and continues into 2018/2019. Progress beyond design contingent on additional funding.
2015	4241509116*	Ph1 Design - SWL Gym Project	100,000	84,970	14,207	823	99.2%	R.Ellis	The preliminary SWL feasibility is complete. Geotechnical and additional due diligence still to be completed in 2017/2018. Remaining funds to be reappropriated to 7101754805 with councillor permission."
2015	7101554509*	Mohawk Track - Redesign	900,000	874,025	23,232	2,743	99.7%	R. Ellis	Construction complete. Ribbon cutting Oct. 21 2017. Financial close anticipated in 2019.
2016	7101641601	Ancaster Aquatic Centre Refurbishment	1,375,000	1,382,890	20,038	(27,928)	102.0%	R. Ellis	Canada 150 and Ontario 150 Project. Construction completed. Public opening took place October 14 2017. Financial close anticipated in 2019
2016	7101641701	Program - Community Halls Retrofits	550,000	389,910	223,487	(63,397)	111.5%	R. Ellis	Deficit to be mitigated through the annual program and closure of PO's
2016	7101641706	Program - Recreation Centre Retrofits	71,630	61,745	3,720	6,165	91.4%	R. Ellis	Reconcile and close in 2017/2018. Modest surplus will resolve with reconciliation of Annual Program.
2016	7101649601	Bernie Arbour Stadium - Upgrades	150,000	133,911	4,549	11,540	92.3%	R. Ellis	Improvements underway and ongoing in 2017/2018. Planning focus on safety improvements in 2018.
2016	7101651210	Golf Cart Purchases PW16021	685,673	687,476	-	(1,803)	100.3%	Rob Gatto	Ongoing, 2nd year of 4 year contract (buy back from service provider at end of term).
2016	7101654536	Program - Arena Retrofits	561,250	453,724	86,765	20,761	96.3%	R. Ellis	Arena projects ongoing in 2018. Once completed, reconcile with annual program then close.
2016	7101654603	Beverly Recreation Centre/School	1,800,000	83,626	68,810	1,647,564	8.5%	R. Ellis	Project in design. Collaboration with HWDSB ongoing. Project may tender fall 2018.
2016	7101654608	William Schwenger Park Washroom Facility	500,000	491,727	16,562	(8,289)	101.7%	R. Ellis	Construction complete. Facility will open in 2018.

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2016	7101654609	Greensville Recreation Centre/School	1,800,000	220,835	97,905	1,481,260	17.7%	R. Ellis	Project in design. Collaboration with HWDSB ongoing. Project will tender Summer 2018.
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. Project will financially close at the end of 2018.
2016	7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,920,200	1,847,618	74,472	(1,890)	100.1%	R. Ellis	Canada 150 Projects. Binbrook Memorial Hall construction complete Q3 2017. Mt. Hope complete Q1 2018.
2016	7101654613	Westoby (Olympic) Arena Roof	750,000	469,700	-	280,300	62.6%	R. Ellis	Canada 150 Project complete. Financial close end of 2018
2016	7101654700	Pinky Lewis Recreation Centre Expansion Project	1,402,000	210,833	120,011	1,071,156	23.6%	R. Ellis	Infrastructure Project in Design. Anticipated tender award Q2 2017.
2016	7101654702	Program - Facility Capital Maintenance	295,000	126,124	183,985	(15,109)	105.1%	R. Ellis	Emergency and maintenance renewal works ongoing in 2018. Anticipated deficit to be mitigated through the annual program.
2016	7101654802	William Connell Park Washroom Facility	2,236,200	970,583	408,726	856,891	61.7%	R. Ellis	Construction ongoing in park. Tender 2 facilities early Q2 2018.
2016	7101655501	Recreation Studies	180,430	32,845	3,735	143,850	20.3%	R. Ellis	Funds are being appropriated to fund shortfall in William Connell Park. Funds for Ph2 of the Rec Indoor Study will proceed from elsewhere in order to reflect current demographics, community needs, etc.
2016	7101657601	Class Software Licensing Fees	70,000	-	0	70,000	0.0%	R. Ellis	PO Requisition approval in process. This funding will be used to recover a portion of Recreation's CLASS license fees as we will be running with two software licenses for a period of time.
2016	7101649602*	Scott Park Precinct Ice Pad & Spray Pad Installation	2,400,000	217,170	2,000,600	182,230	92.4%	R. Ellis	Tender Awarded. Reconcile with PID 7101254201.
2016	7101654105*	Program - Park & Fieldhouse Retrofits	1,194,000	1,229,879	20,357	(56,236)	104.7%	R. Ellis	Mahoney Pk construction nearly complete Q1 2018. Montgomery Pk Construction completed. Reconcile from annual program then close.
2016	7101654612*	Bobby Kerr & Trenholme Park Washroom Facilities	850,000	1,045,272	23,771	(219,043)	125.8%	R. Ellis	Projects completed. Amenities will open in 2018. Significantly smaller deficit is anticipated once final invoices are paid. Anticipated deficit will be mitigated through reappropriation and the 2019 capital budget process.
2017	3541755101	Recreation Facilities Audit Program	142,100	79,342	69,789	(7,031)	104.9%	R. Ellis	Reconcile and close early 2018.

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2017	7101741701	Community Halls Retrofits	100,000	50,141	-	49,859	50.1%	R. Ellis	Community Halls projects ongoing in 2018.
2017	7101741706	Recreation Centre Retrofits	190,700	112,869	59,403	18,428	90.3%	R. Ellis	Recreation projects ongoing in 2018.
2017	7101754105	Park & Fieldhouse Retrofits	150,000	33,046	137,022	(20,068)	113.4%	R. Ellis	Park & Fieldhouse projects ongoing in 2018. Reconcile with annual program then close at financial close in 2019.
2017	7101754508	Public Use Feasibility Study	150,000	18,826	0	131,174	12.6%	R. Ellis	Public Use & Feasibility Studies ongoing in 2018.
2017	7101754536	Program - Arena Retrofits	500,000	391,725	40,577	67,698	86.5%	R. Ellis	Arena projects ongoing in 2018.
2017	7101754701	Glanbrook Arena Elevator	200,000	189,465	412,503	(401,968)	301.0%	R. Ellis	Canada 150 Project ongoing.
2017	7101754702	Mountain Arena Elevator	330,000	248,486	31,534	49,980	84.9%	R. Ellis	Canada 150 Project complete on time by March 31, 2018 deadline.
2017	7101754703	Senior Centre Retrofits	100,000	16,840	5,120	78,040	22.0%	R. Ellis	Senior Centre Projects ongoing in 2018.
2017	7101754704	Huntington Pk Rec Centre Reno	1,600,000	1,627,943	0	(27,943)	101.7%	R. Ellis	Construction complete. Grand re-opening March 24, 2018. Largely infrastructure renewal. Financial close anticipated in 2019.
2017	7101754705	Turner Park Washrooms	662,000	361,889	322,037	(21,926)	103.3%	R. Ellis	Construction completed on time for the Canada 150 project with deadline of March 2018. Washroom can open in 2018. Financial close in 2019.
2017	7101754708	Waterdown Pool & RecCtr Fsbly	100,000	15,460	0	84,540	15.5%	R. Ellis	Project Manager assigned, met with HWDSB and Rec to discuss options.
2017	7101754709	Wolverton Parkland Imprv&Demo	160,000	24,737	-	135,263	15.5%	R. Ellis	Project specification underway.
2017	7101754805	SirWilfridLaurier GymRepl Addn	550,000	0	56,500	493,500	10.3%	R. Ellis	Project funding in progress for construction.
2017	7101758002*	Alexander Park Splashpad	573,502	210,406	431,813	(68,717)	112.0%	R. Ellis	Construction completed on time and on budget for the Canada 150 project with deadline of March 2018. Spraypad will open in 2018. Financial close in 2019.
Total Recreation			104,176,039	77,717,460	21,189,586	5,268,993	94.9%		

Transportation

2004	5300483400	ATS Master Plan-Policy Revise	900,000	754,787	79,953	65,260	92.7%	D. Guy	Ongoing; still projecting more AODA-related eligibility applications, estimated completion in 2018.
2005	5300583504	Fare Cards-System Enhancement	7,500,000	6,764,274	310,071	425,655	94.3%	N. Purser	Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - begin Q4 2018, Upass applications - Q2 2018, self service devices - TBD, third party network - Q3 2018.

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2006	5310641001	Transit Accommodation	2,500,000	2,316,213	8,188	175,599	93.0%	N. Purser	Request submitted to close outstanding P.O.'s. Project to be included on June 30, 2018 closure list.
2008	5300855100	Rapid Transit Studies	11,203,390	10,785,674	-	417,716	96.3%	J. Vander Heide	Project Complete. Corporate Finance to determine status of Council request for funding from Metrolinx and close once funding complete.
2011	5301185001	Customer Service Software	720,000	603,152	0	116,848	83.8%	D. Guy	Expected completion is Q2 2018 - digital route books still to be implemented.
2011	5311182002	ATS Mobile Data Terminals	1,125,000	693,426	0	431,574	61.6%	D. Guy	Ongoing; pending remaining fleet acquisition (DARTS).
2013	5301384001	Rapid Transit - Quick Wins	11,993,000	8,342,716	343,947	3,306,337	72.4%	J. Vander Heide	All projects complete with exception of A&B-Line enhanced amenities (Ph1 complete, ph2 under construction - estimated completion date Q2 2018). Surplus funds proposed for Limeridge Mall Terminal rehab to be coordinated with agreement renewal.
2013	5301384002	Mobility Programs	422,500	279,707	185,808	(43,015)	110.2%	J. Vander Heide	Ongoing Program.
2015	5301555500	Mtnc&Storage FacilityExpn Study	150,000	4,568	0	145,432	3.0%	J. Vander Heide	Project initiated. Feasibility studies & property acquisition underway.
2015	5301555501	Transit Priority Measures	130,000	69,198	44,999	15,803	87.8%	J. Vander Heide	Study complete, project now under PTIF program.
2015	5301583501	Transit Hybrid Bus Battery Repl	601,000	61,056	0	539,944	10.2%	M. Selkirk	Ongoing.
2015	5301584501	Trapeze EAM Fleet Mmgnt	800,000	469,656	218,758	111,586	86.1%	D. Guy	Ongoing - work focused on integrating Trapeze with PeopleSoft; estimated completion end of year.
2015	5301584505	Transit Passenger Count System	500,000	493,188	1,324	5,488	98.9%	D. Guy	Complete. Request submitted to close outstanding P.O.
2015	5311584501	PASS SUS&CERT Software Modules	197,000	192,107	17,216	(12,323)	106.3%	D. Guy	Installation complete; staff training in Q2 2018.
2016	5301641100	330 Wentworth HSR Storage	311,000	209,440	3,950	97,610	68.6%	J. Vander Heide	On Hold.
2016	5301641500	Transit Storage Facility	2,000,000	3,059,799	188,835	(1,248,634)	162.4%	J. Vander Heide	Design Consultant awarded. Design to be financed through PTIF program. Ongoing Facilities Management expenditures.
2016	5301683503	Nonrevenue Vehicle Replace Program	127,000	24,294	-	102,706	19.1%	M. Selkirk	Ongoing.
2016	5301684503	Security Cameras on Buses	1,700,000	1,435,573	299,020	(34,593)	102.0%	M. Selkirk	Estimated completion Q2 2018.
2017	5301749700	Garage Door Repl - MTC	1,320,000	32,355	758,327	529,318	59.9%	J. Vander Heide	Anticipated completion date Q4 2018. PTIF funding extended to March 31, 2020.
2017	5301749701	Transit Capital Infrastructure	3,300,000	145,333	137,381	3,017,286	8.6%	J. Vander Heide	Multi-year construction (2018/19). PTIF funding extended to March 31, 2020.
2017	5301751500	Replace Bus Hoists	3,025,000	1,298,939	-	1,726,061	42.9%	M. Selkirk	New PTIF funds. Earliest completion date Q2 2019.

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2017	5301751701	HVAC Upgrades-2200 Upper James	2,200,000	393,863	262,950	1,543,187	29.9%	M. Selkirk	Work progressing. Completion Q2 2018.
2017	5301755700	Transit Priority Measures	3,850,000	-	-	3,850,000	0.0%	J. Vander Heide	Multi-year software and hardware installation (2018/19). PTIF funding extended to March 31, 2020.
2017	5301783100	2017 HSR Bus Replacement	11,400,000	211	11,435,043	(35,254)	100.3%	M. Selkirk	Completion date Q3 2018.
2017	5301783503	2017 Non-Rev Vehicle Replace	85,000	-	-	85,000	0.0%	M. Selkirk	Completion date Q2 2018.
2017	5301783700	HSR Bus Expansion Prgm-10 Yr	10,380,000	0	10,470,045	(90,045)	100.9%	M. Selkirk	Completion date Q3 2018.
2017	5301783701	Non Revenue Vehicle Exp-Growth	400,000	0	-	400,000	0.0%	M. Selkirk	Completion date Q2 2019.
2017	5301784700	Radio Equipment Replacement	3,000,000	0	1,903,000	1,097,000	63.4%	D. Guy	Installations ongoing - estimated completion Q3 2018.
2017	5301784707	Rapid Ready & 10yr Strategy	50,000	-	-	50,000	0.0%	J. Vander Heide	Studies to be initiated 2018
2017	5301784710	Automated Passenger Counters	4,300,000	1,127,506	960,668	2,211,826	48.6%	D. Guy	Installation complete; data testing ongoing.
2017	5301785602	Shelter Expansion & Rehab	7,043,000	0	81,400	6,961,600	1.2%	J. Vander Heide	RFP to be issued Q2 2018. Multi-year implementation (2018/19). PTIF funding extended to March 31, 2020.
2017	5301785700	Bus Wash Rack Replacement	880,000	68,048	781,220	30,732	96.5%	M. Selkirk	Completion date Q3 2018.
2017	5301785701	Transit Mtnce&Storage Facility	28,650,000	3,310	2,932,958	25,713,732	10.2%	J. Vander Heide	Design Consultant awarded. Multi-year design and remediation works (2018/19). PTIF funding extended to March 31, 2020.
2017	5301785703	Limeridge Mall Terminal Redev	2,500,000	0	0	2,500,000	0.0%	J. Vander Heide	Awaiting agreement with Limeridge management. Ongoing.
2017	5301785704	Sustainable NetworkConnections	3,025,000	2,141,315	503,697	379,988	87.4%	J. Vander Heide	Project underway. Completion Q2 2018.
2017	5301785708	Customer Service Software	1,605,000	491,374	596,376	517,250	67.8%	D. Guy	Ongoing - work focused on web trip planner, mobile app; Wi-Fi on buses pilot in Q3.
Total Transportation			129,892,890	42,261,082	32,525,134	55,106,674	57.6%		

Roads - Engineering Services

2007	4030720250	Dofasco Ingot Truck Route	4,070,000	2,350,229	0	1,719,771	57.7%	P. McNab	Once payment from Dofasco is processed, project can be closed.
2009	4030957950	Right of Way AM Business - RAMBO	1,038,500	892,859	-	145,641	86.0%	R. Andoga/ A. Jazvac	Ongoing - work in progress. Project is currently active with ongoing calibration and development

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2011	4031118126	Bridge 163 - Centennial Parkway North, 540m n/o Barton St East	14,690,000	10,997,875	748,453	2,943,672	80.0%	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	0	435,882	12.8%	M. Oddi	Negotiations ongoing with CNR regarding Centennial Bridge, Bay and John Street bridges.
2012	4031218222	Bridge 329 - Burlington St E at Wilcox St	350,000	150,565	0	199,435	43.0%	R. Andoga/ T. McClung	Ongoing - multi-year project. Design in 2017 and Construction 2020.
2012	4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	2,049,000	1,741,763	296,318	10,919	99.5%	M. Oddi	Complete - pending final review/audit/payment
2012	4031218228	Bridge 248 - King St W 145 m w/o Bond St	400,000	129,371	48,676	221,953	44.5%	R. Andoga/ T. McClung	Ongoing multi-year project. Class EA/ESA study underway, Design in 2017, Construction deferred to 2021. Utility relocation to take place in 2019/2020
2012	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	550,000	242,971	137,662	169,367	69.2%	R. Andoga/ T. McClung	Ongoing - multi-year project. Ongoing Functional & Archaeological review, 2017 Design, Construction 2024.
2013	4031319101	Road Reconstruction Program - 2013	10,476,000	9,632,933	516,855	326,212	96.9%	M. Oddi/ P. McNab	Multi-year project. 8 of 9 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth has been delayed and rebudgeted in 2020. CNR p.o. for Centennial major contributor to existing purchase orders. Per the 2018 approved Capital Budget, \$200k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$200k in 2018.
2014	4031412002	Perimeter Rd - Property Mainte	53,000	59,517	-	(6,517)	112.3%	P. McNab	Project required for rent and maintenance
2014	4031418425	Bridge 450 - Highway No 5	1,950,000	209,032	52,727	1,688,241	13.4%	R. Andoga/ T. McClung	Ongoing multi-year project. Design ongoing and Construction 2018.
2014	4031418426	Bridge 088 - Mill St	1,799,000	1,771,229	25,656	2,115	99.9%	M. Oddi	Ongoing construction. Surface asphalt 2018.
2014	4031418430	Bridge 344 - Concession 5W	650,000	532,386	53,118	64,496	90.1%	M. Oddi	Complete - pending final review/audit/payment
2014	4031418436	Bridge 449 - Hwy 52	2,450,000	2,388,685	101,360	(40,045)	101.6%	M. Oddi	Complete - pending final review/audit/payment
2014	4031418437	Bridge 417 - Harrison Road	150,000	39,192	13,991	96,817	35.5%	R. Andoga/ T. McClung	Ongoing multi-year project. Design ongoing and Construction in 2019
2014	4031418438	Bridge 397 - Glancaster Road	610,000	89,273	145,148	375,579	38.4%	R. Andoga/ T. McClung	Ongoing multi-year project. Construction in 2018.
2014	4031418447	Bridge 447 - Bell Rd	570,000	392,304	94,914	82,782	85.5%	M. Oddi	Complete - pending final review/audit/payment
2014	4031419101	Road Reconstruction Program - 2014	18,080,000	12,032,296	5,089,144	958,560	94.7%	M. Oddi/ P. McNab	Multi-year project. Rymal - Garth to West 5th construction 2018. Surplus unknown until completion of all projects.

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2015	4031511015	Road Resurfacing Program - 2015	4,890,000	4,137,073	134,181	618,746	87.3%	M. Oddi/ P. McNab	Complete - Close once commitments are paid/cleared. Per the 2018 approved Capital Budget, \$500k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$500k in 2018.
2015	4031518347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	400,000	65,082	6,659	328,259	17.9%	R. Andoga/ T. McClung	Close PO if not already done. CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2024. Per the 2018 approved Capital Budget, \$300k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$300k in 2018.
2015	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	150,000	44,813	4,846	100,341	33.1%	R. Andoga/ T. McClung	Ongoing multi-year project. Design ongoing and Construction 2019.
2015	4031518403	Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	107,000	41,467	-	65,533	38.8%	R. Andoga/ T. McClung	CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2027.
2015	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	150,000	34,267	-	115,733	22.8%	R. Andoga/ T. McClung	Ongoing multi-year project. Design ongoing and Construction 2019.
2015	4031518409	Bridge 409 - Regional Rd 97	150,000	23,470	2,775	123,755	17.5%	R. Andoga/ T. McClung	CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2024. Per the 2018 approved Capital Budget, \$100k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$100k in 2018.
2015	4031518533	Hwy 8 Culvert (Dundas Hill) - 230 m n/o Springhill Rd	1,000,000	660,207	54,815	284,978	71.5%	M. Oddi	Complete - Close once commitments are paid/cleared. Per the 2018 approved Capital Budget, \$250k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$250k in 2018.
2015	4031560999	Closed Projects - Roads	264,725	85,868	519,613	(340,756)	228.7%	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 all of the original project ID. % spent is dependent on maintenance required.
2015	4031610006	Minor Construction - 2016	300,000	300,000	-	-	100.0%	R. Andoga/ P. McNab	Complete - Close once commitments are paid/cleared
2015	4031519101*	Road Reconstruction Program - 2015	9,840,000	8,323,565	736,454	779,981	92.1%	M. Oddi/P. McNab	Multi-year project. 5 of 6 project awarded. Hwy 8 - Bridge over Spencer Creek to Hillcrest is construction 2020. Per the 2018 approved Capital Budget, \$470k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$470k in 2018.
2015	4241509114*	Cromwell Cres Roads & Sidewalk	300,000	264,937	25,318	9,745	96.8%	M. Oddi	Complete - Close once commitments are paid/cleared

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2016	4031611015	Road Resurfacing Program - 2016	4,980,000	4,311,393	115,768	552,839	88.9%	M. Oddi/ P. McNab	Multi-year project. 6 of 7 projects awarded. Milborough Line - Carlisle / Kilbride St to Derry Rd being cost shared with Halton. Surplus unknown until completion of all projects.
2016	4031611016	Asset Preservation - Local Roads - 2016	8,500,000	7,642,828	33,270	823,902	90.3%	M. Oddi/ P. McNab	Complete - Close once commitments are paid/cleared. Per the 2018 approved Capital Budget, \$800k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$800k in 2018.
2016	4031611222	New Sidewalk Program - 2016	480,000	387,875	10,010	82,115	82.9%	M. Oddi	Ongoing - work in progress.
2016	4031611601	CP Minor Mntce Ward 1	1,905,310	165,150	(6,265)	1,746,425	8.3%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$150k earmarked for Haddon; \$475k earmarked for Main St W and \$870k earmarked for road repairs within Ward 1
2016	4031611602	CP Minor Mntce Ward 2	1,871,310	172,896	23,566	1,674,848	10.5%	R. Andoga/ P. McNab	% spent based on Councillor requests
2016	4031611603	CP Minor Mntce Ward 3	1,748,450	607,193	5,816	1,135,441	35.1%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$30k earmarked for speed humps on Fife; \$15k for Victoria Curling Club - Alleyway/Driveway Rehab; \$820k for Delaware - Sherman to Wentworth & \$172k for concrete repairs
2016	4031611604	CP Minor Mntce Ward 4	1,186,890	96,537	-	1,090,353	8.1%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$500k has been earmarked for concrete repairs.
2016	4031611605	CP Minor Mntce Ward 5	1,211,300	731,643	141,526	338,131	72.1%	R. Andoga/ P. McNab	% spent based on Councillor requests
2016	4031611606	CP Minor Mntce Ward 6	1,549,160	978,398	25,498	545,264	64.8%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$170k earmarked for mountable curbs; \$95k for Fennell - Upper Gage to Upper Sherman and \$180k for Upper Gage - Seventh to Concession.
2016	4031611607	CP Minor Mntce Ward 7	1,367,960	344,267	17,996	1,005,697	26.5%	R. Andoga/ P. McNab	% spent based on Councillor requests - \$100k earmarked for Springside - Rymal to Hydro corridor and \$90k for Eleanor - Dulgaren to Eaglewood and \$232k for concrete and asphalt repairs.
2016	4031611608	CP Minor Mntce Ward 8	2,081,830	1,503,952	259,539	318,339	84.7%	R. Andoga/ P. McNab	% spent based on Councillor requests
2016	4031611609	CP Minor Mntce Ward 9	1,551,700	500,905	199,743	851,052	45.2%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$70k for Galbraith - Lake to park entrance and \$12k for concrete repairs.
2016	4031611610	CP Minor Mntce Ward 10	960,340	242,497	-	717,843	25.3%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$600k earmarked for Hewitson -Dupont To Barton and \$50k for concrete repairs.
2016	4031611611	CP Minor Mntce Ward 11	1,053,960	501,336	87,627	464,997	55.9%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$60k earmarked for Springside Dr - hydro corridor to Spalding Drive - road repairs.
2016	4031611612	CP Minor Mntce Ward 12	1,543,660	96,541	-	1,447,119	6.3%	R. Andoga/ P. McNab	% spent based on Councillor requests

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2016	4031611613	CP Minor Mntce Ward 13	1,655,310	709,222	17,243	928,845	43.9%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$70k earmarked for Bond - King to Park & Park - Bond to West Limit - resurfacing and \$50k for concrete repairs.
2016	4031611614	CP Minor Mntce Ward 14	1,035,420	271,588	0	763,832	26.2%	R. Andoga/ P. McNab	% spent based on Councillor requests
2016	4031611615	CP Minor Mntce Ward 15	1,099,990	448,623	30,711	620,656	43.6%	R. Andoga/ P. McNab	% spent based on Councillor requests. \$40k earmarked for William Street - Closure and \$285k for Waterdown Memorial Park - parking lot.
2016	4031614405	Contaminated Soil & Rock Disposal 2016	637,000	75,895	489,199	71,906	88.7%	R. Andoga/ P. McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2016	4031615820	Traffic Counts Program - 2016	150,000	50,074	45,278	54,648	63.6%	G. McGuire	Ongoing - work in progress
2016	4031617642	Sherman Access Retaining Wall	3,800,000	2,521,463	852,159	426,378	88.8%	M. Oddi	Ongoing construction. Surface asphalt 2018.
2016	4031618090	Bridge 090 - McMurray	250,000	22,522	5,377	222,101	11.2%	R. Andoga/ T. McClung	Ongoing multi-year project. Design in 2018, Construction in 2020
2016	4031618219	Structural Investigations and Reports - 2016	400,000	157,797	216,830	25,373	93.7%	R. Andoga/ T. McClung	Complete - Close once commitments are paid/cleared
2016	4031618330	Bridge 330-Birch @ Burlington	100,000	54,830	4,225	40,945	59.1%	R. Andoga/ T. McClung	CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2025. Per the 2018 approved Capital Budget, \$40k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$40k.
2016	4031618332	Bridge 332 - Birch @ Princess	100,000	54,489	4,560	40,951	59.0%	R. Andoga/ T. McClung	CLOSE once p.o. has been paid/closed - REBUDGETED FOR CONSTRUCTION IN 2025. Per the 2018 approved Capital Budget, \$40k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$40k.
2016	4031618355	Bridge 355 - White Church	1,100,000	972,329	153,048	(25,377)	102.3%	M. Oddi	Ongoing construction. Surface asphalt 2018.
2016	4031618385	Bridge 385 - Westover Rd	150,000	16,862	36,043	97,095	35.3%	R. Andoga/ T. McClung	Ongoing multi-year project. Design ongoing and Construction 2019.
2016	4031619101	Road Reconstruction Program - 2016	5,660,000	3,026,068	2,530,168	103,764	98.2%	M. Oddi/ P. McNab	Multi-year project. 3 of 5 projects awarded and 1 cancelled. Mohawk - Upper Ottawa to Upper Kenilworth has been awarded for construction in 2018.
2016	4031619104	Highway 8 - Hillcrest to Park	230,000	78,517	0	151,483	34.1%	R. Andoga/ A. Jazvac	Currently in design with construction proposed in 2020.
2016	4031649555	QA-QC Service Contract - 2016	150,000	105,970	18,441	25,589	82.9%	M. Oddi/ P. McNab	Complete - Close once commitments are paid/cleared

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2016	4031655522	State of the Infrastructure - Asset Management	600,000	8,228		591,772	1.4%	R. Andoga/ A. Jazvac	2018 pavement condition assessment and analysis to be carried out citywide
2016	4031655556	Mapping Update - 2016	70,000	6,730	36,300	26,970	61.5%	G. McGuire	Ongoing - work in progress
2016	4041610018	Low-Wattage-LED Replace	8,700,000	4,757,398	3,107,558	835,044	90.4%	G. McGuire	Project on-going, ultimate completion targetted for Q4 2019
2016	4031619102*	Britannia / Oriole / Adair / Glassco	2,750,000	2,075,223	503,056	171,721	93.8%	M. Oddi/ P. McNab	Complete - pending final review/audit/payment
2016	4031619669*	Winterberry - LINC to Old Mud	190,000	203,032	1,571	(14,603)	107.7%	M. Oddi	Complete - pending final audit
2016	4241609216*	Stinson Bike Lanes Repair	200,000	-	-	200,000	0.0%	M. Oddi	Marco - previous comments says it's complete but no money has been spent?
2016	4241609601*	Mohawk - Up Sherman to Up Gage	680,000	513,811	29,188	137,001	79.9%	M. Oddi	Complete - Close once commitments are paid/cleared
2016	4241609602*	Mohawk - Up Gage to Up Ottawa	880,000	620,417	35,674	223,909	74.6%	M. Oddi	Complete - Close once commitments are paid/cleared
2017	4031710006	Minor Construction - 2017	250,000	72,091	110,758	67,151	73.1%	R. Andoga/ P. McNab	Ongoing - work in progress
2017	4031711015	Road Resurfacing Program - 2017	6,510,000	3,435,892	366,753	2,707,355	58.4%	M. Oddi/P. McNab	Multi-year project. 2 of 4 projects completed. Southcote - Calder to Garner is design only with construction proposed in 2022. \$2.3m rural hot mix tender for Sydenham Rd - top of escarpment access, northerly to Hwy 5 W has been awarded, p.o. not processed.
2017	4031711222	New Sidewalk Program - 2017	490,000	136,417	24,132	329,451	32.8%	R. Andoga/ A. Jazvac	Centre Rd sidewalk awarded for construction in 2018. No further funding approval until these funds are depleted.
2017	4031711225	Geotechnical Investigation Program - 2017	200,000	106,662	27,167	66,171	66.9%	M. Oddi/ P. McNab	Ongoing - work in progress
2017	4031718218	OSIM Bridge and Culvert Inspections - 2017	300,000	141,051	56,608	102,341	65.9%	R. Andoga/ T. McClung	Ongoing - work in progress
2017	4031718219	Structural Investigations and Reports - 2017	400,000	55,155	36,039	308,806	22.8%	R. Andoga/ T. McClung	Ongoing - work in progress
2017	4031718452	Bridge 452 - Centennial Pkwy, 990m n/o Ridge	100,000	37,613	52,051	10,336	89.7%	R. Andoga/ T. McClung	Ongoing multi-year project. Tech Study in 2018, Design in 2019, Construction in 2022
2017	4031719101	Road Reconstruction Program - 2017	2,371,000	1,465,814	833,237	71,949	97.0%	M. Oddi/ P. McNab	Multi-year project. McNeilly Road complete. Sanatorium 2017/2018 construction. Burlington & Industrial - Birch to Gage design only in 2017 with construction proposed in 2020.

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2017	4031749555	QA-QC Service Contract - 2017	150,000	16,453	0	133,547	11.0%	M. Oddi	Ongoing - work in progress
2017	4031755019	Lincoln M. Alexander & Red Hill Valley Parkway Lighting Study	130,000	0	0	130,000	0.0%	G. McGuire	Study on-going, anticipated completion Q2 2018
2017	4031755333	Butternuts on Beckett	50,000	428	19,434	30,138	39.7%	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	400,000	46,095	59,028	294,877	26.3%	R. Andoga/ A. Jazvac	Various reporting currently under development including Asset Management Plan for Provincial Compliance. Further budget allocations suspended until these funds have been depleted. Per the 2018 approved Capital Budget, \$160k surplus was returned to gas tax reserve to offset deficit. Finance to reduce budget by \$160k.
2017	4031755556	Mapping Update - 2017	70,000	0	0	70,000	0.0%	G. McGuire	Anticipate 100% spent by year end 2018.
2017	4041710016	Street Lighting Program - New Lights - 2017	700,000	298,153	76,560	325,287	53.5%	G. McGuire	On-going - funding allocated to PW capital construction projects
2017	4041710017	Street Lighting Capital Program - 2017	740,000	438,063	93,316	208,621	71.8%	G. McGuire	On-going - funding allocated to PW capital construction projects
2017	4241709505*	Road Work Mount Albion	800,000	488,249	296,944	14,807	98.1%	M. Oddi	Complete - pending final review/audit/payment
2017	4031711016*	Asset Preservation - Local Roads - 2017	11,920,000	9,071,649	2,426,356	421,995	96.5%	M. Oddi/ P. McNab	6 of 6 projects ongoing with Redhill North to be completed in 2018. Surplus unknown until completion of all projects.
2017	4241709201*	Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	300,000	-	-	300,000	0.0%	R. Andoga/ A. Jazvac	Ongoing - work in progress - 2017 funding is for project design. Design carried over to 2018. 2018 funding for utility coordination. Upon completion of design, project to go to tender for 2019 construction
2017	4241709202*	Area Rating - Stinson - Wentworth to Wellington (W2 A/R)	224,000	164,170	66,173	(6,343)	102.8%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709203*	Area Rating - James - Duke to Bridge (W2 A/R)	150,000	-	-	150,000	0.0%	M. Oddi	Project has been awarded for construction in 2018.
2017	4241709501*	Area Rating - Kentley Dr / Crawford Dr / Hart PI (W5 A/R)	300,000	146,625	113,153	40,222	86.6%	M. Oddi	Complete - pending final review/audit/payment

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2017	4241709502*	Area Rating - Covington - Barton to Cascade (New Sidewalk) (W5 A/R)	120,000	102,562	15,126	2,312	98.1%	M. Oddi	Complete - Close once commitments are paid/cleared
2017	4241709601*	Area Rating - Upper Ottawa - Reno to Mountain Brow (W6 A/R)	1,850,000	1,171,969	567,122	110,909	94.0%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709602*	Area Rating - Fennell - Upper Gage to Upper Ottawa (W6 A/R)	800,000	450,047	218,124	131,829	83.5%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709603*	Area Rating - Fern / Doreen / Tilbury / Filer / Cecilia (W6 A/R)	300,000	178,634	87,250	34,116	88.6%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709801*	Area Rating - Cranbrook Dr / Gardiner Dr / Courtland Ave (W8 A/R)	920,000	917,706	1,693	601	99.9%	M. Oddi	Complete - Close once commitments are paid/cleared
2017	4241709802*	Area Rating - San Francisco / San Pedro / Goulding (W8 A/R)	1,300,000	1,068,569	228,758	2,673	99.8%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709803*	Area Rating - Upper Horning (north of LINC) / Appleford / Millstream (W8 A/R)	400,000	298,197	20,196	81,607	79.6%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709804*	Area Rating - Upper Horning (south of LINC) / Adis Ave (W8 A/R)	1,080,000	895,222	60,587	124,191	88.5%	M. Oddi	Complete - pending final review/audit/payment
2017	4241709805*	Area Rating - Courtland / Regent / Dydzak / Skyview (W8 A/R)	650,000	611,028	1,693	37,279	94.3%	M. Oddi	Complete - Close once commitments are paid/cleared
Total Roads - Engineering Services			174,541,815	114,546,360	23,697,664	36,297,791	79.2%		

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Roads - Operations & Maintenance									
2014	4031441460	Salt/Sand Storage Rehab	400,000	352,793	10,760	36,447	90.9%	B. Hughes	Anticipate 100% spent Q2-2018
2015	4031541910	Snow Disposal Facility	2,085,000	345,393	80,841	1,658,766	20.4%	B. Hughes	Works at Upper Ottawa facility to be completed Q4 2017. North end land acquisition with Portfolio Mgmt. Group
2015	4041511351	Roads - Alleyway Rehabilitation - 2015	41,000	1,288	12,130	27,582	32.7%	B. Hughes	Complete - Close once commitments are paid/cleared
2016	4031618217	Bridge & Culvert Maintenance - 2016	2,388,000	1,928,735	426,045	33,220	98.6%	B. Hughes	Complete - Close once commitments are paid/cleared
2016	4031641762	Yard Facility Maintenance & Improvement Program - 2016	294,000	259,027	14,825	20,148	93.1%	B. Paul	Anticipate 100% spent/committed Q2 2018
2016	4031651410	Roads Small Equip Purchase - 2016	147,002	105,839	41,162	1	100.0%	B. Paul	Complete - Close once commitments are paid/cleared
2016	4031651620	Road O&M Fleet Replacement	1,000,000	500,000	398,323	101,677	89.8%	B. Hughes	Ongoing - work in progress
2017	4031710005	Major Road Maintenance Program - 2017	1,000,000	196,312	773,297	30,391	97.0%	B. Hughes	Anticipate 100% committed/spent Q2-2018
2017	4031710012	Railway Roadway Crossings Rehab Program - 2017	150,000	7,957	-	142,043	5.3%	B. Hughes	Works subject to ruling by Transport Canada
2017	4031710715	Railway Crossings - Review and Upgrades	1,063,000	-	-	1,063,000	0.0%	B. Hughes	Studies to be completed Q3-2018
2017	4031711223	Semi Barrier Rehabilitation Program - 2017	200,000	196,662	0	3,338	98.3%	B. Hughes	Close after year end reporting (June)
2017	4031711224	Sidewalk Rehabilitation Program - 2017	700,000	562,280	-	137,720	80.3%	B. Hughes	Anticipate 100% spent Q2 2018
2017	4031717241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2017	210,000	52,950	28,197	128,853	38.6%	B. Hughes	2017 Works in progress; work in Q3, 2018
2017	4031717677	Preventative Maintenance Program - 2017	2,700,000	2,295,184	171,460	233,356	91.4%	B. Hughes	Anticipate 100% spent Q3-2018

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2017	4031718217	Bridge & Culvert Maintenance - 2017	2,000,000	497,100	880,289	622,611	68.9%	B. Hughes	Anticipate 100% committed Q2 2018
2017	4031721350	Fleet Additions - Roads O&M	232,000	11,674	32,083	188,243	18.9%	B. Hughes	Anticipate 100% spent/committed Q2-2018
2017	4031741760	Chedoke Yard Salt Dome	91,000	80,034	4,151	6,815	92.5%	B. Hughes	Close once PO commitments complete
2017	4031741762	Yard Facility Maintenance & Improvement Program - 2017	150,000	40,844	-	109,156	27.2%	B. Hughes	Anticipate 100% spent/committed Q2 2018
2017	4031751410	Roads Small Equip Purchase - 2017	50,000	30,247	19,753	-	100.0%	B. Hughes	Complete - Close once commitments are paid/cleared
2017	4041710004	Escarpment Slope Stabilization Program - 2017	694,000	607,178	71,427	15,395	97.8%	B. Hughes	Awaiting consultant report
2017	4041710417	Retaining Wall Rehabilitation - 2017	700,000	302,712	387,494	9,794	98.6%	B. Hughes	Anticipate spent/committed Q4 2018
2017	4041717384	Guide Rail Replacement Program - 2017	400,000	389,675	11,849	(1,524)	100.4%	B. Hughes	Complete - Close once commitments are paid/cleared
2017	4041757722	Road Operations - GPS/AVL Service	470,000	365,585	26,852	77,563	83.5%	B. Hughes	Anticipate 100% spent Q2 2018
2017	4041757723	HANSEN/INFOR Mobile Application	360,000	23,873	0	336,127	6.6%	B. Hughes	PO commitment Q2-2018 - anticipated implementation Q3-2018
Total Roads - O&M			17,525,002	9,153,342	3,390,938	4,980,722	71.6%		

Roads - Traffic Operations

2013	4241309302*	Ward 3 Speed Humps	75,000	37,109	0	37,891	49.5%	M. White/ K. Wyskiel	Working with Ward 3 Councillor on location for speed humps
2014	4031420425	HWDSB - Upper Wentworth & Fieldway	250,000	412,801	0	(162,801)	165.1%	M. White/ 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.
2014	4031420622	North End Traffic Mgmt Plan	1,300,000	482,005	706,685	111,310	91.4%	M. White/ K. Wyskiel	Awaiting Construction in order to move forward.
2014	4041416102	Traffic Calming - Various	370,000	309,692	0	60,308	83.7%	M. White/ K. Wyskiel	Funds to be utilized by Q2 2018 - specific project identified.
2014	4041457411	Video Detection and Intelligent Transportation System	1,096,000	676,875	40,200	378,925	65.4%	M. White/ K. Wyskiel	Further rollout of the Traffic Management Centre and the upgrading of the traffic infrastructure program will see the utilization of the funds.

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2014	4241409106*	W1 Calming Strip & Speed Bumps etc	200,000	63,979	-	136,021	32.0%	M. White/ K. Wyskiel	Working with Ward 1 Councillor project is underway.
2014	4241409115*	Improvements to Emerson	60,000	2,910	0	57,090	4.9%	M. White/ K. Wyskiel	Design in 2018
2015	4031555215	Highway 403 Ramp Studies	951,440	50,832	22,913	877,695	7.8%	M. White/ K. Wyskiel	Ongoing negotiations regarding Ramp with MTO before achieving final approval to proceed with detailed design and tender.
2015	4041514009	New Traffic Signal - Mall Rd (395 Mohawk Rd E)	160,000	0	0	160,000	0.0%	M. White/ K. Wyskiel	Design work is complete. Waiting on Hamilton Housing before construction can begin.
2015	4041514011	New Traffic Signal - Parkside and Hollybush	500,000	4,680	95,000	400,320	19.9%	M. White/ K. Wyskiel	Waiting for construction to begin before we do our signals.
2015	4041514012	New Traffic Signal - Fifty & South Service Rd (Walmart)	500,000	64,324	0	435,676	12.9%	M. White/ K. Wyskiel	Signals completed billing not posted.
2015	4041514015	RR 56 Urbanization - Traffic Signals	780,000	476,259	0	303,741	61.1%	M. White/ K. Wyskiel	Work is ongoing at these locations.
2015	4041520525	IPS - Intersection Pedestrian Signal - 2015	597,000	173,268	0	423,732	29.0%	M. White/ K. Wyskiel	Due to construction delays Main & Parkside not completed yet
2015	4041520540	Traffic Signal Modernization Coordinated with ESI - 2015	1,046,000	627,496	-	418,504	60.0%	M. White/ K. Wyskiel	Work ongoing as construction projects are commenced
2015	4241509209*	Durand Traffic Calming	60,000	0	0	60,000	0.0%	M. White/ K. Wyskiel	Waiting to resolve maintenance strategy prior to completion.
2015	4241509108*	Road Work - Aberdeen from Queen	80,000	18,498	0	61,502	23.1%	M. White/ K. Wyskiel	Study initiation following approval of City Wide Transportation Master Plan. Completion could be Q4 2018.
2015	4241509123*	Traffic Ops - Functional Design	50,000	42,182	8,548	(730)	101.5%	M. White/ K. Wyskiel	Report presented to Public Works in 2017. Committee received report with further action pending public engagement.
2016	4031655642	Victoria - 2-way Conversion	360,000	18,742	11,500	329,758	8.4%	M. White/ K. Wyskiel	Track owner confirms Phase 1 conversion (Burlington St. to Ferrie Ave.) should be implemented by April/May 2018. Once Phase 1 conversion in place, Phase 2 preliminary review could be initiated - Ferrie Ave to Barton St.
2016	4031655643	Area Specific TM Plans	564,970	70,055	99,597	395,318	30.0%	M. White/ K. Wyskiel	Ongoing projects for the next 4 years. Account remains active.
2016	4241609106*	Westdale Streets Master Plan	150,000	0	144,345	5,655	96.2%	M. White/ K. Wyskiel	Analysis is underway to determine areas to cover.

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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 December 31, 2017
			a	b	c	d	e		
2016	4241609107*	Ainslie Wood St Master Plan	150,000	-	147,388	2,612	98.3%	M. White/ K. Wyskiel	Working with Councillor
2016	4241609211*	No Right Turns on Red Barton	500	0	0	500	0.0%	M. White/ K. Wyskiel	Working with Councillor
2016	4241609213*	James St Pedestrian Crossover	50,000	-	0	50,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609214*	Ladder Crossing Cannon	1,000	0	0	1,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609217*	Pedestrian Crossover Charlton	5,000	0	0	5,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609218*	Main 3 Phase Traffic Signal	200,000	0	0	200,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609219*	Pedestrian Crossover Hunter	5,000	0	0	5,000	0.0%	M. White/ K. Wyskiel	Moved to Charlton install 2018
2016	4241609220*	Pedestrian Crossover Herkimer	5,000	0	0	5,000	0.0%	M. White/ K. Wyskiel	Designed in 2017 install date of 2018
2016	4241609221*	James Left Hand Turn Sign	5,000	-	0	5,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609222*	Pedestrian Crossover Augusta	5,000	-	0	5,000	0.0%	M. White/ K. Wyskiel	Work to be completed in 2018 as there were delays.
2016	4241609224*	Barton Manabí Intersection	4,000	-	0	4,000	0.0%	M. White/ K. Wyskiel	Crosswalks to be installed
2016	4241609225*	Forest 3 Phase Traffic Signal	250,000	0	0	250,000	0.0%	M. White/ K. Wyskiel	Working with Ward 2 Councillor
2016	4241609804*	Ward 8 Dynamic Speed Signs	15,000	0	0	15,000	0.0%	M. White/ K. Wyskiel	Other funds utilized account to be closed.
2016	4661620008	New Traffic Signal Installation Program - 2016	2,380,000	631,250	77,991	1,670,759	29.8%	M. White/ K. Wyskiel	Tender closed controllers delayed.
2016	4661620017	Traffic Signal LED Upgrades - 2016	400,000	73,849	209,025	117,126	70.7%	M. White/ K. Wyskiel	Funds to be used to WIP fund 2019
2016	4661620019	Traffic Controller Replacement - 2016	600,000	225,696	-	374,304	37.6%	M. White/ K. Wyskiel	Tender has closed, controllers to be delivered Q2 2018.
2016	4661620053	New Traffic Signal - Rymal @ Second	150,000	0	0	150,000	0.0%	M. White/ K. Wyskiel	Temporary signal installed. This is to fund permanent signal once road widening is completed.
2016	4661620525	IPS - Intersection Pedestrian Signal - 2016	550,000	144,414	32,146	373,440	32.1%	M. White/ K. Wyskiel	Due to construction delays Parkside & Cole not completed yet

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2016	4661620540	Traffic Signal Modernization Coordinated with ESI - 2016	1,230,000	666,703	19,452	543,845	55.8%	M. White/ K. Wyskiel	Work ongoing as construction projects are commenced
2016	4661620550	Hwy 6 Signal - Conc 5 & Hwy 6	1,500,000	0	0	1,500,000	0.0%	M. White/ K. Wyskiel	Awaiting Ward 15 Councillor direction to proceed
2016	4661620630	Two Way Road Conversion	1,130,000	231,706	7,014	891,280	21.1%	M. White/ K. Wyskiel	Two way conversions progressing as per approved schedule
2016	4241609226*	Stinson Wellington Intersection	5,000	0	0	5,000	0.0%	M. White/ K. Wyskiel	Design work completed, installation to be done in 2018
2016	4241609281*	Queen Street South Conversion	150,000	0	0	150,000	0.0%	M. White/ K. Wyskiel	Purchase order issued for consultant study.
2017	4031720722	North End Traffic Management Plan (NETMP) Study	200,000	47,051	89,928	63,021	68.5%	M. White/ K. Wyskiel	Remainder of work to be completed in 2018
2017	4031780180	Mohawk - Wilson to Hwy 403	150,000	0	0	150,000	0.0%	M. White/ K. Wyskiel	Transportation EA to be initiated
2017	4661720001	ATMS - Advanced Traffic Management System - 2017	2,910,000	226,583	847,352	1,836,065	36.9%	M. White/ K. Wyskiel	Program underway
2017	4661720008	New Traffic Signal Installation Program - 2017	750,000	507,426	194,814	47,760	93.6%	M. White/ K. Wyskiel	Tender closed controllers delayed.
2017	4661720010	Traffic Signal Modernization & Upgrades Program - 2017	800,000	525,069	103,470	171,461	78.6%	M. White/ K. Wyskiel	2017 program to be completed Q2 2018
2017	4661720017	Traffic Signal LED Upgrades - 2017	100,000	1,526	-	98,474	1.5%	M. White/ K. Wyskiel	Funds to be used to WIP fund 2019
2017	4661720019	Traffic Controller Replacement - 2017	150,000	0	0	150,000	0.0%	M. White/ K. Wyskiel	Tender has closed, controllers to be delivered Q2 2018.
2017	4661720522	Traffic Engineering - Signal Design - 2017	200,000	33,962	46,856	119,182	40.4%	M. White/ K. Wyskiel	Design work is underway.
2017	4661720525	IPS - Intersection Pedestrian Signal - 2017	250,000	133,961	42,104	73,935	70.4%	M. White/ K. Wyskiel	IPS program not complete.
2017	4661720531	APS - Accessible Pedestrian Signals - 2017	150,000	23,630	41,754	84,616	43.6%	M. White/ K. Wyskiel	Three APS's still to be installed.

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2017	4661720540	Traffic Signal Modernization Coordinated with ESI - 2017	750,000	116,704	73,057	560,239	25.3%	M. White/ K. Wyskiel	Work ongoing as construction projects are commenced
2017	4661720720	Annual Plastic Pavement Marking Rehabilitation	100,000	-	0	100,000	0.0%	M. White/ K. Wyskiel	Funds to be utilized in 2018 program.
2017	4661720721	Pedestrian Crossovers	700,000	34,340	0	665,660	4.9%	M. White/ K. Wyskiel	Program Underway
2017	4661720722	Overhead Sign Structure	300,000	117,899	2,540	179,561	40.1%	M. White/ K. Wyskiel	Study completed, billing not complete. Minor repairs identified and work to be tendered to complete repairs.
2017	4661720723	Wentworth Trail - Intersection Pedestrian Signal - IPS	300,000	108,597	87,020	104,383	65.2%	M. White/ K. Wyskiel	Complete - Close once commitments are paid/cleared
2017	4661720725	New Traffic Signal - Upper Sherman @ Acadia Street/Dulgaren	200,000	88,737	0	111,263	44.4%	M. White/ K. Wyskiel	Close once developer's contribution has been received.
2017	4661720730	New Traffic Signal - Dundurn @ Chatham	375,000	147,437	4,951	222,612	40.6%	M. White/ K. Wyskiel	Work not commenced yet awaiting construction.
2017	4661720924	Truck Route Master Plan	200,000	0	0	200,000	0.0%	M. White/ K. Wyskiel	Project is underway
Total Roads - Traffic Operations			26,525,910	7,618,247	3,155,650	15,752,013	40.6%		
Total Public Works - Tax Supported			862,510,677	540,867,431	127,404,114	194,239,132	77.5%		

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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 December 31, 2017
			a	b	c	d	e		
<u>CAPITAL DELIVERY SECTION</u>									
Water Rates									
2006	5140667650	Carlisle Communal Well Upgrade	4,840,000	4,690,929	20,120	128,951	97.3%	S. Leitch	STATUS: Work Completed (Carlisle Tower Refurbishment). NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q1 2018.
2009	5140967950	ISF-672-Ferguson PS Upgrade	22,730,000	22,972,241	22,624	(264,865)	101.2%	S. Leitch	STATUS: Substantially Performed. Work in Progress - Investigation of the vertical turbine pump issues. NEXT STEPS: Completion Q1 2018. Negative balance due to unanticipated tax changes and internal staffing allocation.
2009	5140967951	ISF-714-Hillcrest Reservoir	13,400,000	12,734,081	85,000	580,919	95.7%	S. Leitch	STATUS: Work Completed (Hillcrest Reservoir Phase 2, Royal Botanical Gardens Annual Reporting on Butternut Trees). NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q1 2018.
2010	5141061303	Valve Chamber No 3 First-Isaac	2,790,000	2,433,362	485,940	(129,302)	104.6%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2018. Negative balance due to internal staffing allocation, anticipate a project surplus upon completion which will reconcile overrun.
2011	5141166110	WTP - Process Upgrades	8,150,000	2,015,928	1,045,525	5,088,547	37.6%	S. Leitch	STATUS: Work in Progress - Design of Woodward WTP Upgrades - Phase 1 (8 Contractors Pre-Qualified for Construction). NEXT STEPS: Tender for Construction Q2 2018.
2012	5141267270	Water Control Valve Upgrades	4,060,000	302,941	2,075,928	1,681,130	58.6%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2018.
2012	5141267271	PS HD018 Hwy 53 & HD011 Osler	740,000	644,353	64,391	31,255	95.8%	S. Leitch	STATUS: Substantially Performed (Osler HD011 Immediate Needs). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018.
2012	5141267272	Hillcrest Reservoir - HDR02	12,200,000	10,517,995	1,406,835	275,170	97.7%	S. Leitch	STATUS: Substantially Performed (Hillcrest Reservoir Upgrades). Design - Security Gate. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018 (Hillcrest Reservoir Upgrades). Construction - Security Gate Q1 2018.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,025,000	464,908	152,607	2,407,485	20.4%	S. Leitch	STATUS: Work in Progress - Design (4 Contractors Prequalified for Construction). NEXT STEPS: Tender for Construction Q1 2018.
2012	5141267275	SC Water Outstations Upgrade	3,890,000	3,690,604	75,885	123,511	96.8%	S. Leitch	STATUS: Work Completed (Greenhill Reservoir). Work in Progress - Substantially Performed (Stoney Creek Outstations Phase 1). NEXT STEPS: Issue Project Charter Q1 2017 (Ben Nevis Dewitt Reservoir Phase 2 - West Cell Upgrades).

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2012	5141269250	HVAC Upgrade New Lab & Admin	5,400,000	902,873	156,749	4,340,379	19.6%	S. Leitch	STATUS: Work in Progress - Design (4 Contractors Prequalified for Construction). NEXT STEPS: Awarding Tender for Construction (New Lab Extension) Q1 2018.
2013	5141395353	Ferguson HD002 Pumping Stn	2,270,000	169,924	93,140	2,006,936	11.6%	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) Q1 2018.
2015	5141567520	HDR05 Reservoir Upgrades	4,192,000	184,253	412,939	3,594,808	14.2%	S. Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q1 2018.
2015	5141567525	HDR08 Reservoir Decommission	520,000	294,661	109,697	115,643	77.8%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2018.
2015	5141567574	HDR01 Reservoir Upgrades	550,000	7,533	-	542,467	1.4%	S. Leitch	STATUS: Condition Assessment and Scope - Kenilworth Reservoir (HDR01) West Cell Roof Repairs. NEXT STEPS: Construction.
2015	5141567575	High Lift PS Upgrades Phase 2	880,000	189,548	170,041	520,411	40.9%	S. Leitch	STATUS: Work in Progress - Field Study (HLPS Power Distribution & Protection Setup). NEXT STEPS: Request for Prequalified Contractors - Power Distribution (Recommissioning) Q2 2018.
2015	5141567576	Low Lift PS Upgrades Phase 2	470,000	144,461	25,209	300,330	36.1%	S. Leitch	STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed.
2015	5141567577	Security - Water PS Facilities	5,600,000	161,206	222,926	5,215,868	6.9%	S. Leitch	STATUS: Work in Progress - Design (Physical Security - Fencing). NEXT STEPS: Request for Prequalified Contractors (Physical Security - Fencing) Q1 2018.
2016	5141666110	WTP - Corrosion Control	7,660,000	682,190	6,342,384	635,425	91.7%	S. Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2018.
2016	5141666515	WTP - Surge Tower Upgrades	480,000	56,588	13,949	409,464	14.7%	S. Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed, and Capital Budget Appropriation Form in progress to transfer \$300k to 5141666608.
2016	5141666608	Lynden Additional Water Supply	3,250,000	123,070	719,660	2,407,270	25.9%	S. Leitch	STATUS: Work in Progress - Design (Evaluating Applications from 3 Prequalified Contractors for Construction). NEXT STEPS: Tender for Construction Q2 2018.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	1,710,000	88,013	473,575	1,148,412	32.8%	S. Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q1 2018.
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 and Land Purchase. NEXT STEPS: Issue Project Charter Q1 2019.
2016	5141667422	Osler Road HD011 WPS	2,040,000	111,017	444,081	1,484,902	27.2%	S. Leitch	STATUS: Work in Progress - Design (3 Contractors Prequalified for Construction). NEXT STEPS: Tender for Construction Q1 2018.

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2016	5141667424	Freelton Tower HDT03 Upgrades	3,600,000	149,968	307,206	3,142,826	12.7%	S. Leitch	STATUS: Work in Progress - Design (2 Contractors Prequalified for Construction). NEXT STEPS: Tender for Construction Q1 2018.
2016	5141695883	York & Valley HD016 WPS (W-26)	3,710,000	21,435	-	3,688,565	0.6%	S. Leitch	STATUS: Work Completed - Conceptual Review. NEXT STEPS: Request for Proposals for Design Q1 2018.
2017	5141766421	WTP Fluoride Building HVAC	390,000	-	-	390,000	0.0%	S. Leitch	STATUS: Work in Progress - Developing Roster Invitation for Design. NEXT STEPS: Design Q3 2018.
2017	5141767420	Carlisle Well Stn Sys Enhance	440,000	3,569	-	436,431	0.8%	S. Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q1 2018.
2017	5141767650	New Greensville Communal Well	390,000	46,013	46,842	297,145	23.8%	S. Leitch	STATUS: Awaiting completion of Schedule C EA for the Greensville New Well. NEXT STEPS: Issue Project Charter Q1 2019.
2017	5141795850	Greenhill PS HD04B & HD05A	720,000	66,961	83,533	569,507	20.9%	S. Leitch	STATUS: Work in Progress - Design (Immediate Needs). NEXT STEPS: Request for Prequalified Contractors for Construction (Immediate Needs) Q1 2018.
Sub-Total Capital Delivery - Water			126,137,000	63,875,733	15,056,784	47,204,483	62.6%		

Wastewater - Rates

2007	5160795760	Southcote PS&Forcemain-HC008	6,312,100	2,913,990	239,466	3,158,643	50.0%	S. Leitch	STATUS: Work Completed (Forcemain & Pumping Station). NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q1 2018.
2007	5160795784	Twenty PS & Forcemain - HC018	4,770,000	4,606,542	389,565	(226,106)	104.7%	S. Leitch	STATUS: Work Completed (Forcemain). Substantially Performed (Pumping Station). NEXT STEP: Account to be closed once outstanding deficiencies are completed (Pumping Station) Q1 2018. Negative balance due to staffing allocation.
2009	5160966912	Decommission Waterdown WWTP-WW08	6,000,000	623,926	90,596	5,285,479	11.9%	S. Leitch	STATUS: Work in Progress - Design (7 Contractors Prequalified for Construction). NEXT STEPS: Tender for Construction Q1 2018.
2010	5161066065	Waste Hauler Receiving Station	2,540,000	495,789	127,123	1,917,088	24.5%	S. Leitch	STATUS: Work in Progress - Design (5 Contractors Prequalified for Construction). NEXT STEPS: Awarding Tender for Construction Q1 2018.
2010	5161067751	WW Outstns-Asset Management	710,000	705,514	205,344	(200,858)	128.3%	S. Leitch	STATUS: Substantially Performed (HC019 & HC031 Carbon Filters). NEXT STEPS: Account to be closed once final invoices are paid and purchase orders have been closed Q1 2018.
2012	5161261240	WSI-Leeds-Burl E Gate Removal	300,000	265,772	43,105	(8,877)	103.0%	S. Leitch	STATUS: Work Completed - Design. NEXT STEPS: City's Linear (Roads) Infrastructure improvements program to coordinate Construction in 2022. Account to be closed once final invoices are paid and purchase orders have been closed Q1 2018.

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2013	5141395354	PD18 Elevated Reservoir W14	2,550,000	198,669	61,673	2,289,658	10.2%	U. Ehrenberg	STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Alternative Location needs to be identified due to Airport restrictions. Land Purchase is in the Critical Path, Completion of EA is Q4 2018.
2014	5141495551	PD7 Elevated Reservoir W-23	1,440,000	35,697	108,483	1,295,820	10.0%	U. Ehrenberg	STATUS: Work in Progress - EA & Conceptual Design of PD7 Elevated Tower / Reservoir & New Pumping Station. NEXT STEPS: EA Completion Q4 2018.
2015	5141564533	Up Wentworth - Hydro to Twenty	200,000	12,638	0	187,362	6.3%	U. Ehrenberg	STATUS: On Hold. NEXT STEPS: City Wide Water and Wastewater Master Plan will dictate whether this is required
2015	5141567273	HD17A PS Replace Decommission	1,650,000	4,047	0	1,645,953	0.2%	U. Ehrenberg	NEXT STEPS: Issue Project Charter Q1 2018.
2015	5141595553	HD12A PS Upgrades (W-04)	720,000	29,400	78,279	612,321	15.0%	U. Ehrenberg	STATUS: Work Completed - Land Negotiations. Work in Progress - Phase One & Two Environmental Site Assessment (ESA) & pre-demolition Designated Substances / Hazardous Materials Survey. NEXT STEPS: Completion of EA Q1 2018.
2015	5141555010	Water Systems Planning	450,000	242,245	178,798	28,957	93.6%	U. Ehrenberg	STATUS: Work in Progress - Servicing alternatives for Ancaster, Screening of Development Applications, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q4 2018.
2015	5141555264	City-Wide Water MP	550,000	47,395	499,252	3,353	99.4%	U. Ehrenberg	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2016	5141664632	Twenty (Greti) to Upper James	1,610,000	158,194	0	1,451,806	9.8%	U. Ehrenberg	STATUS: On Hold. NEXT STEPS: City Wide Water and Wastewater Master Plan will dictate whether this is required
2017	5141767422	New PD2 Water PS	500,000	0	0	500,000	0.0%	U. Ehrenberg	STATUS: Work in Progress - Citywide Water Wastewater Stormwater Master Plan will confirm the need for this pumping station. NEXT STEPS: Completion Master Plan Q2 2020. Budget is being reserved for Land Acquisition.
2017	5141755010	Water System Planning	300,000	116,046	110,476	73,479	75.5%	U. Ehrenberg	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 2018.
Sub-Total Infrastructure Planning & Systems Design - Water			10,470,000	945,806	1,059,885	8,464,309	19.2%		

Wastewater - Rates

2007	5160755640	Non-trunk Flow Monitoring	500,000	104,478	398,089	(2,567)	100.5%	U. Ehrenberg	STATUS: Work Complete - Design of Wet Weather Control. NEXT STEPS: Completion of Conceptual Design Q1 2018. Negative balance due to unanticipated tax changes.
2008	5160867751	WW Outstns - Asset Management	2,655,000	1,222,200	1,460,941	(28,140)	101.1%	U. Ehrenberg	STATUS: Work Complete - Design of Wet Weather Control. NEXT STEPS: Completion of Conceptual Design Q1 2018. Negative balance due to unanticipated tax changes.
2014	5161455420	SERG - Flooding & Drainage MP	555,000	142,518	315,874	96,608	82.6%	U. Ehrenberg	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q3 2018.
2015	5161555264	City-Wide Wastewater MP	550,000	323,525	227,086	(611)	100.1%	U. Ehrenberg	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.

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2015	5161555640	Non-Trunk Flow Monitoring	440,000	259,063	100,634	80,303	81.7%	U. Ehrenberg	STATUS: Citywide Sanitary Service Flow Monitoring, Rain Gauges Flow Monitoring Services. NEXT STEPS: Completion Q1 2020.
2015	5161555955	Inflow & Infiltration	474,000	224,288	123,312	126,400	73.3%	U. Ehrenberg	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 Q4 2018.
2015	5161557545	Wastewater Computer Model	550,000	76,082	177,873	296,045	46.2%	U. Ehrenberg	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 2019.
2015	5161567564	HC005 - Schedule C EA	990,000	124,178	153,299	712,524	28.0%	U. Ehrenberg	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q4 2018. Detailed Design to follow.
2016	5161655010	Wastewater Systems Planning	300,000	232,865	67,166	(31)	100.0%	U. Ehrenberg	STATUS: Work in Progress - Main/King CSO tank performance review. NEXT STEPS: Completion Q4 2018.
2016	5161655350	Riverdale Flood Relief EA	220,000	4,247	0	215,753	1.9%	U. Ehrenberg	STATUS: Work Completed - Flow Monitoring and Model calibration. NEXT STEPS: Detailed Design Q1 2018.
2016	5161655351	Lawfield & Berrisfield Area	75,000	113,735	0	(38,735)	151.6%	U. Ehrenberg	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	50,000	4,875	0	45,125	9.8%	U. Ehrenberg	NEXT STEPS: Issue Project Charter Q1 2018.
2016	5161667421	New Haulage Receiving Station	1,140,000	13,741	137,894	988,365	13.3%	U. Ehrenberg	STATUS: Work in Progress - Class EA and Conceptual Design. NEXT STEPS: EA Completion Q4 2018. Detailed Design to follow.
2016	5161695747	Battlefield Trunk Sewer WW-33	1,650,000	124,279	0	1,525,721	7.5%	S. Jacob	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	2,750,000	255,747	5,025	2,489,228	9.5%	U. Ehrenberg	STATUS: Work Completed - Economic Analysis and Feasibility study to support the Conceptual Design Implementation. NEXT STEPS: Detailed Design.
2017	5161755010	Wastewater System Planning	300,000	79,626	209,025	11,349	96.2%	U. Ehrenberg	STATUS: Work in Progress - Pollution Control Plan, Riverdale East Flooding Investigation, Wastewater system analysis of the LRT intensification corridor, CSO Reporting. NEXT STEPS: Completion Q4 2018. Negative balance due to internal staffing chargebacks.
2017	5161755640	Non-Trunk Flow Monitoring	100,000	10,003	0	89,997	10.0%	U. Ehrenberg	STATUS: Citywide Sanitary Service Flow Monitoring. NEXT STEPS: Completion Q1 2020.

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2017	5161755955	Inflow & Infiltration	300,000	45,620	0	254,380	15.2%	U. Ehrenberg	NEXT STEPS: Construction of I & I Reduction (West 18th Neighbourhood) Q4 2018.
2017	5161757420	SCADA Rain Gauges	50,000	0	0	50,000	0.0%	U. Ehrenberg	NEXT STEPS: Issue Project Charter Q1 2018.
Sub-Total Infrastructure Planning & Systems Design -			13,649,000	3,361,068	3,376,217	6,911,714	49.4%		

Storm water - Rates

2012	5181260214	Parkside and Kipling Flood	1,330,000	316,065	8,303	1,005,632	24.4%	U. Ehrenberg	STATUS: Work Completed - Modeling and Flood Protection (Churchill Park Neighbourhood area). NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders are closed.
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	435,660	104,343	2,029,996	21.0%	U. Ehrenberg	STATUS: Work in Progress - Enhanced Functional Design and Topographic Survey. NEXT STEPS: Completion of Enhanced Functional Design Q1 2018. Detailed Design to follow.
2012	5181274800	Watercourse 5 and 6	3,850,000	378,620	32,574	3,438,807	10.7%	U. Ehrenberg	STATUS: Work in Progress - Flood plain mapping and hydrologic analysis to update SCUBE reports, Hydraulics Assessment and Class EA Work Plan. NEXT STEPS: EA Completion Q1 2018. Detailed Design to follow.
2013	5181355350	SERG Studies & Assessments	740,000	307,225	81,625	351,150	52.5%	U. Ehrenberg	STATUS: Work in Progress - Construction of Low Impact Development Bumpout (Bay and Simcoe), Beach Strip Flooding Study. NEXT STEPS: Completion Q2 2018.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	4,345	449,999	190,657	70.4%	U. Ehrenberg	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q3 2018.
2015	5181555422	GRIDS II - Stormwater MP	550,000	43,589	499,252	7,159	98.7%	U. Ehrenberg	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2015	5181562590	SWMP Retrofits	440,000	0	0	440,000	0.0%	U. Ehrenberg	NEXT STEPS : Issue Project Charter for the Analysis & Conceptual Design - Stormwater Management Pond Retrofits (Ponds # 67, 9, 54, 52, 35, 14) Q1 2018.
2016	5181655075	SERG - Watershed Proj Coord	500,000	95,993	181,339	222,667	55.5%	U. Ehrenberg	STATUS: Work in Progress - Lower Spencer Creek Subwatershed Study, Future Hamilton Climate Change Pilot Study, Delivery of environmental data collection in the field. NEXT STEPS: Completion Q4 2018.
2016	5181655421	SERG Stormwater System Planning	280,000	26,619	28,630	224,751	19.7%	U. Ehrenberg	STATUS: Work in Progress - Analysis & Conceptual Design of Rymal Road stormwater drainage, Storm Sewer Capacity Analysis throughout the City. NEXT STEPS: Completion Q4 2018.
2017	5181755420	Stormwater Drainage Review	280,000	0	0	280,000	0.0%	U. Ehrenberg	STATUS: Work in Progress - Detailed Drainage Assessment Study (Phase 2) - Development of Existing Residential (ER) Neighbourhoods in Rural Ancaster. NEXT STEPS: Completion Q1 2019.

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2017	5181755421	SERG - SW System Planning	280,000	6,782	32,337	240,881	14.0%	U. Ehrenberg	STATUS: Wilson Street Stormwater Drainage Plan. NEXT STEPS: City-wide Stormwater Infrastructure Field Verification & GIS Database Update for Modelling Q2 2018.
Sub-Total Infrastructure Planning & Systems Design - Storm			11,465,000	1,614,899	1,418,400	8,431,700	26.5%		
TOTAL INFRASTRUCTURE PLANNING & SYSTEMS DESIGN			35,584,000	5,921,773	5,854,503	23,807,724	33.1%		

SUSTAINABLE INITIATIVES SECTION

Water - Rates

2005	5140566508	Lynden Water Supply – Land&EA	1,790,000	1,806,541	5,179	(21,720)	101.2%	B. Posedowski	STATUS: Final Well has been flow tested with positive quality and quantity results. Hydrogeology report and PIC complete. NEXT STEPS: Account to be closed once final invoices have been paid and outstanding purchase orders have been closed.
2011	5141167150	Greenville New Well – EA	720,000	921,211	37,154	(238,365)	133.1%	B. Posedowski	STATUS: Pumping Test and Hydrogeologic investigation, Greenville Subwatershed Study Report complete. Work in Progress - New Greenville Municipal Well Schedule C EA. NEXT STEPS: Completion of EA Q3 2018.
2015	5141555555	City Wide Groundwater Model	710,000	197,077	78,410	434,513	38.8%	B. Posedowski	STATUS: Work in Progress - City Wide Groundwater Model (Delineation of Greenville & Lynden Wellhead Protection Areas). NEXT STEPS: City Wide Groundwater Model Expansion, Database and Stratigraphic Update, Web Interface Development Q3 2018.
2016	5141655420	Freelton Water Meter Accuracy	110,000	93,078	55,113	(38,191)	134.7%	B. Posedowski	STATUS: Field work and communications to residents concerning home meter replacement complete. Work in Progress - Final Report. NEXT STEPS: Completion Q2 2018.
2016	5141667423	Freelton Well FDF01 Capacity	330,000	56,748	90,827	182,425	44.7%	B. Posedowski	STATUS: Work in Progress - Hydrogeological study for the identification of increased capacity at FDF01 in the Freelton water supply. NEXT STEPS: Completion Q2 2018.
2017	5141767752	WW Outstation Inspection - AM	550,000	27,297	322,880	199,823	63.7%	B. Posedowski	STATUS: Work in Progress - Design of Facility Asset Management Program, Condition Assessments (HDR00, HD002 STK, HD12A, Chlorine Building), Access Options for HDR2A Reservoir, Energy Audit of HW facilities (Phase II). NEXT STEPS: Completion Q3 2019.
Sub-Total Sustainable Initiatives - Water			4,210,000	3,101,952	589,564	518,485	87.7%		

Wastewater - Rates

2013	5161367752	WW Outstation Inspection - AM	645,000	74,850	547,531	22,619	96.5%	B. Posedowski	STATUS: Work in Progress - Design for Facility Asset Management Program. Condition Assessment (HC017 Eastport SPS). NEXT STEPS: Completion Q3 2019.
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			a	b	c	d	e		
2017	5161767752	WW Outstn Insp -Asset Mgm Prog	220,000	13,370	18,331	188,299	14.4%	B. Posedowski	STATUS: Energy Audit of HW facilities (Phase II). NEXT STEPS: Completion Q1 2018.
Sub-Total Sustainable Initiatives - Wastewater			865,000	88,220	565,862	210,918	75.6%		
TOTAL SUSTAINABLE INITIATIVES SECTION			5,075,000	3,190,172	1,155,426	729,403	85.6%		

WOODWARD UPGRADES SECTION

Wastewater - Rates

2008	5160866801*	Woodward WWTP - Clean Harbour	225,163,732	39,757,095	185,406,637	(0)	100.0%	D. Chauvin	STATUS: GIF Funded. \$332M future budgets approved (cash flowed 2019 - 2021). Work in Progress - Construction (Raw Wastewater Pumping Station, Electrical System). Pre-Purchased Equipment (Tertiary). NEXT STEPS: Tender for Construction (Tertiary Q3 2018).
2009	5160966910	WWTP - Biosolids MP Implement	5,020,000	3,461,560	4,864,399	(3,305,959)	165.9%	D. Chauvin	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 Q2 2020.
2013	5161366360	Flares at Biogas Facility	3,280,000	3,109,667	45,437	124,895	96.2%	D. Chauvin	STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed.
2015	5161555545	Capital Works Information Mgmt	280,000	0	0	280,000	0.0%	D. Chauvin	STATUS: Work in Progress - Project Management Office / Business Intelligence Collaborative Project (Phase 1 - Automate Existing PMO Reporting System). NEXT STEPS: Phase 2 Q3 2018.
Sub-Total Woodward Upgrades - Wastewater			233,743,732	46,328,322	190,316,473	(2,901,064)	101.2%		
TOTAL WOODWARD UPGRADES SECTION			233,743,732	46,328,322	190,316,473	(2,901,064)	101.2%		

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

PLANT MAINTENANCE AND TECHNICAL SERVICES SECTION

Water - Rates

2011	5141166151	SCADA Master Plan Implement	15,580,000	12,283,525	1,020,359	2,276,117	85.4%	G. Botha	STATUS: SCADA Master Plan implementation and construction will continue until Q4 2017
2015	5141566711	Annual Water Treatment Studies	250,000	50,906	5,475	193,619	22.6%	G. Botha	STATUS: Work in Progress - PO Contractor H&S Program Review / Audit. NEXT STEPS: Arc Flash Study in Outstations, Chlorine to Ammonia ratio and Chlorine residual on valve gasket seals (Q4 2018).

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2016	5141666713	Annual Water Maintenance	600,000	399,913	154,840	45,247	92.5%	G. Botha	STATUS: Work in Progress - Construction (Woodward WWTP Staff Building Renovations, Installation of new valve at the Lee Smith Reservoir, Integration of the Stormwater PS HSS01). NEXT STEPS: Completion Q2 2018.
2017	5141766711	Annual Water Treatment Studies	250,000	50,579	47,486	151,935	39.2%	G. Botha	STATUS: Work in Progress - Condition Assessment (Chlorine Chemical Building), Assessment of current CT calculations. NEXT STEPS: Completion Q4 2018.
2017	5141766713	Annual Water Maintenance	2,500,000	0	322,955	2,177,045	12.9%	G. Botha	STATUS: Work in Progress. NEXT STEPS: Pre-Purchase of Equipment & Tender for Construction - Low Lift Pumping Station Traveling Screen Replacement (Q2 2018).
Sub-Total Plant Maintenance & Technical Services - Water			19,180,000	12,784,923	1,551,115	4,843,962	74.7%		

Wastewater - Rates

2011	5161166151	SCADA Master Plan Implement	15,875,000	13,219,296	578,417	2,077,287	86.9%	G. Botha	SCADA Master Plan implementation and construction will continue until Q4 2017
2017	5161766713	Wastewater Maintenance Capital	3,500,000	919,274	1,510,574	1,070,153	69.4%	G. Botha	STATUS: Work in Progress. NEXT STEPS: Completion Q4 2019.
2017	5161766745	Woodward WWTP-Oper Readiness	3,800,000	43,067	71,406	3,685,527	3.0%	G. Botha	STATUS: Design - Replacement of Membrane Tube Diffusers at the Woodward WWTP. NEXT STEPS: Tender for Construction - HSAER North Aeration Diffuser Installation & Step Feed Weir Refurbishment Q1 2018, Design - North Secondary Clarifiers Q1 2018.
Sub-Total Plant Maintenance & Technical Services -			23,175,000	14,181,637	2,160,397	6,832,967	70.5%		
TOTAL PLANT MAINTENANCE & TECHNICAL SERVICES			42,355,000	26,966,560	3,711,511	11,676,929	72.4%		

WATER & WASTEWATER PLANNING AND CAPITAL SECTION

Corporate Project Program - Tax

2009	2110953900	Randle Reef Rehab Project	6,500,000	6,222,735	-	277,265	95.7%	M. Bainbridge	STATUS: Cash Flow Budget approved by Finance. Stage 1 Construction nearing completion. Stage 2 awarded June 2017 and planned to start spring 2018. NEXT STEPS: Estimated Completion - Stage 1 April 2017, Stage 2 Q1 2020. Tendering Stage 3 planned for 2019.
Sub-Total Water & Wastewater Planning & Capital -			6,500,000	6,222,735	0	277,265	95.7%		

Wastewater - Rates

2014	5161468422	Randle Reef Sediment Remediate	4,000,000	4,000,000	2,000,000	(2,000,000)	150.0%	M. Bainbridge	STATUS: Cash Flow Budget approved by Finance. Stage 1 Construction nearing completion. Stage 2 awarded June 2017 and planned to start spring 2018. NEXT STEPS: Estimated Completion - Stage 1 April 2017, Stage 2 Q1 2020. Tendering Stage 3 planned for 2019.
Sub-Total Water & Wastewater Planning & Capital -			4,000,000	4,000,000	2,000,000	(2,000,000)	150.0%		
TOTAL WATER & WASTEWATER PLANNING AND CAPITAL SECTION			10,500,000	10,222,735	2,000,000	(1,722,735)	116.4%		

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			a	b	c	d	e		

HAMILTON WATER & WASTEWATER- DIRECTOR

Water - Rates

2015	5141557543	Workforce & Time Mgmt-Kronos	430,000	365,381	7,703	56,917	86.8%	A. Grice	STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed.
2016	5141641226	Centralized W-WW Ops Centre	250,000	0	0	250,000	0.0%	A. Grice	NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations.

Sub-Total - Water **430,000 365,381 7,703 56,917 86.8%**

Wastewater - Rates

2016	5161641226	Centralized W-WW OPumping Station Centre	250,000	0	0	250,000	0.0%	A.Grice	NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations.
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Sub-Total Roads - Wastewater **250,000 0 0 250,000 0.0%**

TOTAL HAMILTON WATER & WASTEWATER DIRECTOR **680,000 365,381 7,703 306,917 54.9%**

WATER & WASTEWATER ENGINEERING SERVICES SECTION

Water - Engineering Services

2013	5141396351	Garner Watermain Trunk W09	530,000	171,795	0	358,205	32.4%	E. Waite	Project Delayed to 2021 construction due to Master Plan revisions to be completed by end of 2019
2013	5141371301	WM Replace Program - Coordinated with Roads - 2013	11,370,000	10,754,882	182,615	432,503	96.2%	M. Oddi/ P. McNab	Construction complete. Awaiting billing from CN. \$430k surplus at this time.
2014	5141455425	Concrete Pipe Condition Assessment	2,230,000	1,287,307	321,627	621,066	72.1%	E. Waite	Ongoing - work in progress. Claim for CWWF funding underway.
2014	5141461300	Wm Replacement Program - 2014	1,250,000	450,959	0	799,041	36.1%	M. Oddi/ P. McNab	\$200k being used to WIP fund Patrick - Walnut to west end which has been rebudgeted in 2018/2019. The balance of funds will be used to with fund Brampton - Parkdale to Strathearne which has been rebudgeted in 2019.
2015	5141555501	Ferguson Pumpstation to Scenic Reservoir Trunk Main Inspection	1,150,000	1,024,707	94,470	30,823	97.3%	E. Waite	Complete - Close once commitments are paid/cleared
2015	5141596558	Greenhill Feedermain - King to Greenhill Tank	5,700,000	5,168,552	149,638	381,810	93.3%	M. Oddi	Complete - Close once commitments are paid/cleared
2015	5141596152	PD11 (Governor's Rd) Extend	1,120,000	34,258	0	1,085,742	3.1%	S. Jacob	Construction in 2018
2015	5141596153	PD22 (Governor's Rd) Extend	900,000	58,090	14,950	826,960	8.1%	S. Jacob	Construction in 2018
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,109,327	147,145	23,043,528	8.9%	S. Jacob	Functional design ongoing

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2015	5141571301	WM Replace Program - Coordinated with Roads - 2015	14,667,000	12,326,571	1,908,345	432,084	97.1%	M. Oddi/ P. McNab	Multi-year project. 12 of 12 projects have been awarded, Rymal W - Garth to West 5th construction 2018.
2016	5141660999	Closed Projects - Water	218,000	50,309	169,019	(1,328)	100.6%	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 all of the original project ID. % spent is dependent on maintenance required.
2016	5141670000	Coordinated Road and Subsurface Works - 2016	3,591,000	2,870,077	261,480	459,443	87.2%	M. Oddi/ P. McNab	6 of 6 project awarded. Construction ongoing. Surplus approximately \$400k at this time.
2016	5141657626	Critical WM Inspection Program - 2016	299,000	169,017	71,551	58,432	80.5%	E. Waite	Complete - Close once commitments are paid/cleared
2016	5141662073	Field Data Systems Program - 2016	169,380	42,404	44,050	82,926	51.0%	I. Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2018.
2016	5141655556	Mapping Update - 2016	70,000	57,548	135	12,317	82.4%	G. McGuire	Complete - Close once commitments are paid/cleared
2016	5141671301	WM Replace Program - Coordinated with Roads - 2016	4,428,000	4,039,872	387,165	963	100.0%	M. Oddi/ P. McNab	Complete - pending final review/audit/payment
2016	5141661300	WM Replacement Program - 2016	700,000	496,126	167,632	36,242	94.8%	M. Oddi/P. McNab	Complete - Close once commitments are paid/cleared
2017	5141761777	Beach Trunkmain Rehab	5,000,000	585,438	-	4,414,562	11.7%	E. Waite	Ongoing - work in progress. Delays due to technology advancements. To be completed in first half of 2019.
2017	5141771074	Contingency for Unscheduled Works Program - 2017	200,000	143,984	0	56,016	72.0%	E. Waite	% spent dependent on # of unscheduled works.
2017	5141770000	Coordinated Road and Subsurface Works - 2017	3,000,000	2,184,303	738,110	77,587	97.4%	M. Oddi/ P. McNab	4 of 4 project awarded. Construction ongoing. Surplus approximately \$50k at this time.
2017	5141757626	Critical WM Inspection Program - 2017	330,000	38,639	-	291,361	11.7%	E. Waite	Ongoing - work in progress
2017	5141760754	Kenilworth Transmission Watermain Renewal	2,400,000	96,774	75,660	2,227,566	7.2%	E. Waite	Ongoing - work in progress. Project delays due to other projects impacting the water system. To be completed by end of 2018.
2017	5141760577	Metallic Watermain Condition Assessment Program - 2017	685,000	501,413	176,631	6,956	99.0%	E. Waite	Complete. Claim for CWWF funding underway.
2017	5141757628	Mountain Feedermain	340,000	39,810	300,000	190	99.9%	E. Waite	Complete - Close once commitments are paid/cleared
2017	5141796752	PD16 Trunk - PS HD016 to Hwy 5	1,690,000	146,359	0	1,543,641	8.7%	S. Jacob	Completed Functional design, requires land and Class EA, IPSD to be the lead on this.
2017	5141760711	PW Capital Water Consumption Program - 2017	200,000	200,000	0	-	100.0%	E. Waite	Close after year end reporting (June)

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2017	5141749555	QA-QC Service Contract - 2017	110,000	71,039	12,022	26,939	75.5%	E. Waite	Complete by year end 2018
2017	5141711101	Road Restoration Program - 2017	5,400,000	4,082,110	886,662	431,228	92.0%	G. McGuire	Complete - pending final review/audit/payment
2017	5141760072	Structural WM Lining Program - 2017	7,291,000	7,291,000	0	-	100.0%	E. Waite	Complete. Claim for CWWF funding underway.
2017	5141771740	Upper Sherman - Rymal to Stone	1,590,000	1,213,932	96,984	279,084	82.4%	M. Oddi	Complete - pending final review/audit/payment
2017	5141760080	Valve Replacement - 2017	1,760,000	1,266,493	267,132	226,375	87.1%	E. Waite	Ongoing - work in progress
2017	5141771301	WM Replace Program - Coordinated with Roads - 2017	2,815,000	1,840,044	742,729	232,227	91.8%	M. Oddi/ P. McNab	2 of 4 projects awarded. Remaining two are design 2017 only. Ongoing construction.
2017	5141761300	WM Replacement Program - 2017	1,630,000	190,852	0	1,439,148	11.7%	E. Waite	Ongoing - work in progress Burlington Trunkmain Repairs; Woodward Greenhill Transmission Main Pipeline repair on Summercrest; James and Charlton Intersection

Sub-Total Water - Engineering Services

108,133,380 61,003,991 7,215,752 39,913,637 63.1%

WasteWater - Engineering Services

2013	5161395358	Hwy 56 Forcemain&Twinning WW21	27,190,000	7,770,714	10,133,921	9,285,365	65.9%	M. Oddi	Ongoing - work in progress. Anticipated completion spring/summer of 2019.
2014	5161461422	Patrick - Walnut to west end	330,000	71,992	19,763	238,245	27.8%	E. Waite	Delayed for coordination with water and surface works. 2018 Design and late tender for construction in 2019.
2015	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,290,000	166,534	856,717	266,749	79.3%	E. Waite	Ongoing - work in progress. To be completed by end of 2018.
2015	5161562542	Binbrook Wastewater System	280,000	257,506	3,211	19,283	93.1%	M. Oddi	Complete - Close once commitments are paid/cleared
2015	5161560999	Closed Projects - WasteWater	119,000	20,092	142,743	(43,835)	136.8%	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 all of the original project ID. % spent is dependent on maintenance required.
2015	5161567563	HC005 - Public Properties	1,040,000	120,064	235,977	683,959	34.2%	E. Waite	Ongoing - Construction to commence in 2018
2015	5161567565	HC005 Montgomery Drive - Inline Storage	2,230,000	1,934,530	230,628	64,842	97.1%	M. Oddi	Ongoing construction. Surface asphalt 2018.
2015	5161596855	Royal to Main-King CSO (WW-22)	18,040,000	1,403,668	0	16,636,332	7.8%	S. Jacob	Hold up due to Sammy Metals land, need co-ordination with LRT project. Please re-prioritize this project
2015	5161555077	Zoom Camera Inspection - Data Component	760,000	401,418	203,475	155,107	79.6%	E. Waite	Ongoing - work in progress
2016	5161660610	Binbrook Manhole & Sewer Rehab	540,000	86,527	454,490	(1,017)	100.2%	E. Waite	Complete - Close once commitments are paid/cleared

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2016	5161671074	Contingency for Unscheduled Works Program - 2016	520,000	412,903	127,951	(20,854)	104.0%	E. Waite/ P. McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.
2016	5161662073	Field Data Systems Program - 2016	160,110	14,324	61,669	84,117	47.5%	I. Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2018.
2016	5161660575	Mainline Sewer Condition Assessment Program - 2016	600,000	399,758	183,525	16,717	97.2%	E. Waite	Complete - Close once commitments are paid/cleared
2016	5161660533	Trenchless Manhole Rehabilitation - 2016	80,000	5,897	70,984	3,119	96.1%	E. Waite	Complete - Close once commitments are paid/cleared
2017	5161761241	Eastern Sanitary Interceptor (ESI) Rehab - SSR at Fruitland	4,705,000	4,774,119	0	(69,119)	101.5%	E. Waite	Close after year end reporting (June)
2017	5161718420	Grindstone Creek Utility Bridge	3,470,000	67,962	297,380	3,104,658	10.5%	E. Waite	Construction delayed to 2024 to coordinate with transportation bridge construction and to commence after the completion of Waterdown E-W Bypass road.
2017	5161760575	Mainline Sewer Condition Assessment Program - 2017	1,330,000	813,608	50,755	465,637	65.0%	E. Waite	Ongoing - work in progress. Claim for CWWF funding underway.
2017	5161760820	Open Cut Repairs for CIPP Program - 2017	400,000	228,933	167,726	3,341	99.2%	E. Waite	Complete - Close once commitments are paid/cleared
2017	5161760711	PW Capital Water Consumption Program - 2017	140,000	135,130	0	4,870	96.5%	E. Waite	Close after year end reporting (June)
2017	5161749555	QA-QC Service Contract - 2017	110,000	13,009	43,500	53,491	51.4%	E. Waite	Complete - Close once commitments are paid/cleared
2017	5161711101	Road Restoration Program - 2017	1,800,000	1,800,000	0	-	100.0%	G. McGuire	Close after year end reporting (June)
2017	5161760576	Sewer Lateral Condition Assessment Program - 2017	900,000	900,000	0	-	100.0%	E. Waite	Close after year end reporting (June)
2017	5161761444	Sewer Lateral Replace/Rehab Program - 2017	4,060,000	3,971,326	113,335	(24,661)	100.6%	E. Waite	Ongoing - work in progress. Claim for CWWF funding underway.
2017	5161771015	Sewer Lateral Replacement for Co-ordinated Projects - 2017	300,000	27,406	229,470	43,124	85.6%	E. Waite	Ongoing - work in progress
2017	5161760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E. Waite	Ongoing - work in progress
2017	5161760390	Wastewater System Lining Program - 2017	4,500,000	3,562,102	245,099	692,799	84.6%	E. Waite	Ongoing - work in progress
2017	5161768240	Western Interceptor Sewer CCTV and Sonar Inspection	1,540,000	184,146	1,337,801	18,053	98.8%	E. Waite	Ongoing - work in progress. To be completed by end of 2018 under CWWF.
Sub-Total Wastewater - Engineering Services			76,514,110	29,553,035	15,280,120	31,680,955	58.6%		

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Storm Sewers - Engineering Services

2012	5181272290	Storm Sewer Upgrades - 2012	7,596,000	6,717,256	762,708	116,036	98.5%	M. Oddi/ P. McNab	Ongoing work in progress - outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .
2013	5181360312	Greenhill - Hwy 20 Culverts	2,110,000	1,032,986	289,649	787,365	62.7%	M. Oddi	Complete - pending final review/audit/payment
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	174,308	5,558	490,134	26.8%	S. Jacob	Need to do detailed design and tender
2014	5181460422	SERG - Holbrook SW Improvement	940,000	666,920	4,868	268,212	71.5%	M. Oddi	Complete - Close once commitments are paid/cleared
2014	5181460423	SERG - Princess at Birch	90,000	11,172	0	78,828	12.4%	S. Jacob	Requires changes to manholes. Can be done as a maintenance activity.
2015	5181572291	Barton & Hamilton St, Waterdown Storm Sewer Upgrade	1,530,000	317,747	0	1,212,253	20.8%	E. Waite	Funding made available through 2015 budget for potential extension for development. Development spearheading. Currently under review by Risk and Legal due to developer/constructor claim.
2015	5181560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,290,000	232,734	831,851	225,415	82.5%	E. Waite	Ongoing - work in progress. To be completed by end of 2018.
2015	5181560999	Closed Projects - Storm	275,000	26,288	132,040	116,672	57.6%	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 all of the original project ID. % spent is dependent on maintenance required.
2015	5181572295	SERG - LEEDS Implementation	320,000	63,977	32,636	223,387	30.2%	E. Waite	Complete - Close once commitments are paid/cleared
2015	5181572290	Storm Sewer Upgrades - 2015	293,000	77,019	0	215,981	26.3%	P. McNab	CLOSE NEXT BER
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	212,362	288,475	259,163	65.9%	E. Waite	Ongoing - work in progress
2016	5181672074	Contingency for Unscheduled Works Program - 2016	150,000	35,370	26,345	88,285	41.1%	E. Waite/ P. McNab	% spent dependent on # of unscheduled works.
2016	5181662073	Field Data Systems Program - 2016	100,000	47,547	7,340	45,113	54.9%	I. Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2018.
2016	5181672259	SERG - Gage Park Pond	1,980,000	194,903	105,125	1,679,972	15.2%	S. Jacob	Construction in 2018
2016	5181672290	Storm Sewer Upgrades - 2016	1,258,000	609,707	38,378	609,915	51.5%	M. Oddi/ P. McNab	Complete - pending final review/audit/payment
2016	5181660533	Trenchless Manhole Rehabilitation - 2016	80,000	35,355	40,248	4,397	94.5%	E. Waite	Complete - Close once commitments are paid/cleared
2016	5181672650	West Mtn Sewers - Juggernaut	12,849,000	2,601,540	9,651,441	596,019	95.4%	E. Waite	Ongoing - work in progress. To be completed by end of 2018 under CWWF.
2016	5181655420	Wilson St Stormwater Drainage	2,440,000	1,192,287	43,929	1,203,784	50.7%	M. Oddi	Complete - Close once commitments are paid/cleared

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2017	5181717549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span)	194,000	176,231	0	17,769	90.8%	R. Andoga/ T. McClung	Close after year end reporting (June)
2017	5181760730	McQueston Park Entrance - Flooding	250,000	1,168	0	248,832	0.5%	E. Waite	Ditch drainage restored by installing a driveway culvert at the park entrance by O&M. Staff reviewing an outlet for a section of storm sewer on Upper Wentworth.
2017	5181749555	QA-QC Service Contract - 2017	60,000	13,169	11,081	35,750	40.4%	E. Waite	Complete by year end 2018
2017	5181780786	RHBP - Dartnall - Stone Church to Rymal	187,000	176,805	12,757	(2,562)	101.4%	M. Oddi	Ongoing construction. Surface asphalt 2018.
2017	5181772290	Storm Sewer Upgrades - 2017	1,370,000	92,894	3,673	1,273,433	7.0%	E. Waite	1 of 4 projects tendered. Mohawk - Upper Ottawa to Upper Kenilworth construction 2018. The remaining two projects are design 2018 only.
2017	5181760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E. Waite	Ongoing - work in progress
Sub-Total Storm Sewers - Engineering Services			36,872,000	14,719,112	12,358,102	9,794,786	73.4%		
TOTAL WATER, WASTEWATER & STORM SEWERS			221,519,490	105,276,138	34,853,974	81,389,378	63.3%		

WATER WASTEWATER & STORM SEWERS OPERATIONS SECTION

Water - Operations

2011	5141166151	SCADA Master Plan Implement	15,580,000	12,185,447	806,911	2,587,642	83.4%	D. Repath	Complete - pending final review/audit/payment
2014	5141455922	Water Loss Audit - 2014	400,000	21,599	8,758	369,643	7.6%	D. Alberman/ D. Young	These funds are to install water meters throughout the water distribution system to determine water loss. This project will be fully spent by September 1, 2018
2015	5141569075	Environmental Lab Improvements - 2015	70,000	35,210	22,910	11,880	83.0%	C. Vanderperk/ P. Thomas	Complete - Close once commitments are paid/cleared
2016	5141641226	Centralized Water and Wastewater Operations Centre	1,250,000	-	-	1,250,000	0.0%	H. Quintero	Continuing to work with City-wide Portfolio Review of Yard Facilities and Properties.
2016	5141669075	Environmental Lab Improvements - 2016	150,000	-	-	150,000	0.0%	C. Vanderperk/ P. Thomas	Anticipate 100% spent/committed by year end 2018.
2016	5141662078	Substandard Water Service Replacement Program - 2016	3,000,000	3,000,000	-	-	100.0%	D. Alberman/ D. Young	Close after year end reporting (June)
2016	5141660750	Unscheduled Valve, Hydrant etc. - 2016	2,500,000	1,325,225	1,166,487	8,288	99.7%	D. Alberman/ D. Young	These funds are for the Emergency Water Repair contract and they will be fully spent by February 2019.
2016	5141655851	Water Efficiency Plan - 2016	102,000	50,575	24,367	27,058	73.5%	J. Wagner	Will be completed in 2018.

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2017	5161760522	Sewer Lateral Management Program (WWC) - 2017	3,500,000	3,367,112	41,605	91,283	97.4%	D. Alberman/ D. Young	Ongoing - work in progress.
2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	14,492	99,829	185,679	38.1%	C. Vanderperk/ D. Saunders	Anticipate 100% spent/committed by year end 2018.
2017	5161755422	Sewer Use Bylaw Enforcement Infor Upgrade	80,000	5,842	29,480	44,678	44.2%	C. Vanderperk/ D. Saunders	Anticipate 100% spent/committed by year end 2018.
2017	5161761740	Unscheduled Manhole & Sewermain - 2017	350,000	142,318	192,683	14,999	95.7%	D. Alberman/ D. Young	Ongoing - work in progress.
Sub-Total - Hamilton WasteWater - Operations			8,099,000	4,540,504	723,122	2,835,374	65.0%		
Storm Sewers - Operations									
2015	5181560515	Inlet-Outlet Storm Damage Repair - 2015	450,000	381,552	66,221	2,227	99.5%	D. Alberman/ D. Young	Complete - close once commitments are paid/cleared
2017	5181755740	Flushables Research Study	75,000	36,501	39,130	(631)	100.8%	J. Wagner	Expected completion of study by end of Q3 2018.
2017	5181761740	Unscheduled Manhole & Sewermain - 2017	100,000	0	0	100,000	0.0%	D. Alberman/ D. Young	Ongoing - work in progress.
Sub-Total - Hamilton Storm Sewers - Operations			625,000	418,053	105,351	101,596	83.7%		
Storm Sewers - Roads O&M									
2014	5181460461	Forty Mile Municipal Drain	100,000	91,363	-	8,637	91.4%	B. Hughes	Request for invoice processing with finance re cost sharing.
2014	5181460722	Municipal Drain Maintenance Program - 2014/15	139,000	33,264	0	105,736	23.9%	B. Hughes	Close after year end reporting (June)
2014	5181460452	Shoreline Protection Program	1,310,000	231,524	169,126	909,350	30.6%	B. Hughes	Final design preparation subject to private resident involvement.
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	1,100,000	67,645	47,091	985,264	10.4%	B. Hughes	Project file to council, design to commence upon council approval, construction anticipated start Q3, 2018.
2016	5181674640	Battlefield Creek Remediation	300,000	166,641	5,758	127,601	57.5%	B. Hughes	Project to remain open for monitoring.
2016	5181617642	South St East Drainage Improve	160,000	24,725	204	135,071	15.6%	B. Hughes	Construction Q2, 2018
2017	5181717458	Catch Basin Replacement/Rehabilitation Program - 2017	500,000	425,332	74,668	-	100.0%	B. Hughes	Complete - Close once commitments are paid/cleared
2017	5181774730	Centre Road Drainage Improvement	100,000	-	-	100,000	0.0%	B. Hughes	Anticipate 100% spent Q3, 2018
2017	5181760722	Municipal Drain Maintenance Program - 2017	40,000	-	-	40,000	0.0%	B. Hughes	Close after year end reporting (June)

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2017	5181767723	Pumping Stations	100,000	-	92,160	7,840	92.2%	B. Hughes	Committed/work anticipated to be complete Q3, 2018
2017	5181717152	Roadside Drainage Improvement Program - 2017	1,370,000	594,917	114,536	660,547	51.8%	B. Hughes	Anticipate spent/committed Q4 2018
2017	5181760622	SWM Pond-Creek Maintenance Program - 2017	1,600,000	594,917	134,763	870,320	45.6%	B. Hughes	Anticipate spent/committed Q4 2018
Sub-Total - Hamilton Storm Sewers - Roads O&M			6,819,000	2,230,328	638,306	3,950,366	42.1%		
TOTAL WATER, WASTEWATER & STORM SEWERS -			146,900,000	107,129,500	23,895,209	11,924,925	89.2%		
Total Public Works - Rate Supported			873,896,322	391,746,859	284,606,772	193,592,325	77.4%		