



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

**Meeting #:** 19-002  
**Date:** February 4, 2019  
**Time:** 1:00 p.m.  
**Location:** Council Chambers, Hamilton City Hall  
71 Main Street West

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

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	<b>Pages</b>
<b>1. CEREMONIAL ACTIVITIES</b>	
<b>2. APPROVAL OF AGENDA</b>	
(Added Items, if applicable, will be noted with *)	
<b>3. DECLARATIONS OF INTEREST</b>	
<b>4. APPROVAL OF MINUTES OF PREVIOUS MEETING</b>	
4.1 January 28, 2019	3
<b>5. COMMUNICATIONS</b>	
<b>6. DELEGATION REQUESTS</b>	
<b>7. CONSENT ITEMS</b>	
<b>8. PUBLIC HEARINGS / DELEGATIONS</b>	
<b>9. STAFF PRESENTATIONS</b>	
<b>10. DISCUSSION ITEMS</b>	
10.1 Public Works - Capital Projects Status Report as of September 30, 2018 (FCS18077(a)) (City Wide)	7

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



Hamilton

**CAPITAL PROJECTS WORK-IN-PROGRESS REVIEW  
SUB-COMMITTEE  
MINUTES 19-001**

**1:00 p.m.  
January 28, 2019  
Council Chambers  
Hamilton City Hall**

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

**Absent:** T. Whitehead – City Business

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

**1. Appointment of Chair and Vice-Chair (Item 1)**

**(Danko/Nann)**

(a) That Councillor Pearson be appointed as Chair of the Capital Projects Work-In-Progress Sub-Committee for the 2018 – 2022 term.

**CARRIED**

**(Pearson/Nann)**

(b) That Councillor Danko be appointed as Vice Chair of the Capital Projects Work-In-Progress Sub-Committee for the 2018 – 2022 term.

**CARRIED**

Councillor Pearson relinquished the Chair to Vice-Chair Danko.

**2. Capital Projects Status Report (Excluding Public Works) as of June 30, 2018 (FCS18079) (City Wide) (Item 10.1)**

**(Pearson/Nann)**

That the Capital Projects Status Report (excluding Public Works), as of June 30, 2018, attached as Appendix “A” to Report FCS18079, be received.

**CARRIED**

**3. Capital Projects Closing Report as of September 30, 2018 (FCS18079) (City Wide) (Item 10.2)**

**(Pearson/Wilson)**

- (a) That the Acting General Manager of Finance and Corporate Services be authorized to transfer a combined \$272,401.00 from the Unallocated Capital Levy Reserve (108020) and other Program Specific Reserves to the capital projects as outlined in Appendix "A" to Report FCS18078(a);
- (b) That the Acting General Manager of Finance and Corporate Services be directed to close the completed and / or cancelled capital projects listed in Appendix "B" to Report FCS18078(a) in accordance with the Capital Closing Policy;
- (c) That Appendix "C" to Report FCS18078(a), Capital Projects Budget Appropriations for the period covering July 1, 2018 through September 30, 2018, be received for information; and,
- (d) That Appendix "D" to Report FCS18078(a), Capital Projects Budget to be merged for the period covering July 1, 2018 through September 30, 2018 totalling \$311,171.60, be approved.

**CARRIED**

Councillor Pearson assumed the Chair.

**4. Capital Projects Status Report (Excluding Public Works) as of September 30, 2018 (FCS18079(a)) (City Wide) (Item 10.3)**

**(Nann/Danko)**

That the Capital Projects Status Report (excluding Public Works), as of September 30, 2018, attached as Appendix "A" to Report FCS18079(a), be received.

**CARRIED**

**FOR INFORMATION:**

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

There were no changes to the agenda.

**(Danko/Nann)**

That the agenda for the January 28, 2019 Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

**CARRIED**

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

There were no declarations of interest.

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

Councillor Pearson relinquished the Chair to Vice-Chair Danko.

**(i) September 11, 2018 (Item 4.1)**

**(Pearson/Wilson)**

That the Minutes of the September 11, 2018 meeting of the Capital Projects Work-In-Progress Review Sub-Committee meeting be approved, as presented.

**CARRIED**

**(ii) Clerk's Report - September 20, 2018 (Item 4.2)**

**(Pearson/Wilson)**

That the Clerk's Report from the September 20, 2018 meeting of the Capital Projects Work-In-Progress Review Sub-Committee meeting be received.

**CARRIED**

Councillor Pearson assumed the Chair.

**(d) ADJOURNMENT (Item 15)**

**(Wilson/Danko)**

That, there being no further business, the Capital Projects Work-In-Progress Review Sub-Committee, be adjourned at 1:44 p.m.

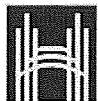
**CARRIED**

Respectfully submitted,

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


Angela McRae  
Legislative Coordinator  
Office of the City Clerk





Hamilton

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

<b>TO:</b>	Chair and Members Capital Projects Work-in-Progress Sub-Committee
<b>COMMITTEE DATE:</b>	February 4, 2019
<b>SUBJECT/REPORT NO:</b>	Public Works - Capital Projects Status Report as of September 30, 2018 (FCS18077(a)) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Abe Chegou (905) 546-2424 Ext. 4047
<b>SUBMITTED BY:</b>	Cindy Mercanti Director, Customer Service and POA Acting Director, Financial Planning and Policy Corporate Services Department
<b>SIGNATURE:</b>	

**RECOMMENDATIONS**

- (a) That the Capital Projects Status Report, Public Works Tax Supported Projects, as of September 30, 2018, attached as Appendix "A" to Report FCS18077(a), be received;
- (b) That the Capital Projects Status Report, Public Works Rate Supported Projects, as of September 30, 2018, attached as Appendix "B" to Report FCS18077(a), 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 September 30, 2018.

Appendix "A" to Report FCS18077(a) reflects the status of the Public Works Tax Supported Projects totalling \$997.9 M of which \$729.3 M or 73.1% is spent or committed as of September 30, 2018.

Appendix "B" to Report FCS18077(a) reflects the status of the Public Works Rate Supported Projects and consists of projects totalling \$912.4 M of which \$707.3 M or 77.5% is spent or committed as of September 30, 2018.

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

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

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

**SUBJECT: Public Works - Capital Projects Status Report as of September 30, 2018 (FCS18077(a)) (City Wide) – Page 2 of 4**

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

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

	2018	2017	2016	2015
Tax Supported Program	73.1%	76.1%	82.4%	75.7%
Rate Supported Program	77.5%	93.3%	81.5%	82.5%

***Alternatives for Consideration – Not Applicable***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: N/A

Staffing: N/A

Legal: N/A

**HISTORICAL BACKGROUND**

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

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

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

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**SUBJECT: Public Works - Capital Projects Status Report as of September 30, 2018 (FCS18077(a)) (City Wide) – Page 3 of 4**

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## **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

Report FCS18077(a) meets the requirements of the Capital Project Monitoring Policy and Capital Projects Closing Policy including:

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

## **RELEVANT CONSULTATION**

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

## **ANALYSIS AND RATIONALE FOR RECOMMENDATIONS**

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 FCS18077(a) is based on spending to September 30, 2018.

## **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 September 30, 2018 (FCS18077(a)) (City Wide) – Page 4 of 4**

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**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 September 30, 2018

Appendix “B” – Capital Projects Status Report – Public Works – Rate Supported Projects as of September 30, 2018.

AC/dt

**City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects  
 As of September 30, 2018**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
<b>Pan-Am Games</b>									
2011	3621154100	Pan Am Games - Ivor Wynne	149,700,000	147,050,032	402,031	2,247,936	98.5%	C.Ippolito	Final works to be completed within 18 - 24 months
<b>Total Pan-Am</b>			<b>149,700,000</b>	<b>147,050,032</b>	<b>402,031</b>	<b>2,247,936</b>	<b>98.5%</b>		
<b>Parks &amp; Cemetery</b>									
2015	4241509110*	Victoria Park - Resurface Splash Pad	140,000	-	-	140,000	0.0%	W.Kindree / A.McDonald	Demo/Rebuild RFT for Refurbishment of spray pad to be completed in Q3 2018, for demo Q4 2018, install Q2 2019.
2015	4241509720*	Inch Park Initiative	25,000	8,583	-	16,417	34.3%	K.Bunn	Work ongoing and expected completion Q2 2019.
2015	4401549002	Marina Pier&Dock Repair-Replc	252,100	226,925	25,344	(169)	100.1%	W.Kindree	Waterfront shoreline Project underway, to be closed Q2 2019.
2016	4241609103*	Upgrades to Dow Parkette	300,000	174,126	-	125,874	58.0%	K.Bunn	Project managed through the Ward Councillors Office directly.
2016	4401611601	Cemetery Roads Rehabilitation Program	95,000	70,262	6,046	18,692	80.3%	W.Kindree / S. Clarke	Ongoing work at Hamilton Cemetery to address internal roadways, work to be completed Q2 2019.
2016	4401649008	Extreme Park Makeover Program	70,000	38,943	-	31,057	55.6%	A.Moroz	Funding to be allocated to playground development Q3 2019.
2016	4401649102	Sports Field Rehab Program	65,000	(11,833)	11,628	65,205	-0.3%	W.Kindree / A.McDonald	Funding to support 4241809704, due to sports field improvements that occurred as part of this project
2016	4401656001	Leashfree Dog Park Program	60,000	29,708	18,699	11,593	80.7%	A.McDonald	Funding new shade structures at Heritage Green and Hill St Dog Parks to be constructed in Q4 2018
2017	4241709114*	Victoria Park Lighting	80,000	-	-	80,000	0.0%	K.Bunn	Lighting study under review to add Security Lighting along South pathway. Work in Q2 2019
2017	4401711601	Cemetery Roads Rehab Program	80,000	65,000	15,750	(750)	100.9%	W.Kindree / S. Clarke	Work ongoing to be completed Q2, 2019.
2017	4401741001	Cemetery Building Repairs	75,000	-	-	75,000	0.0%	W.Kindree / S. Clarke	Mount Hamilton Cemetery building repairs, Q4 2018
2017	4401749007	Cemetery Columbarium	62,250	48,502	-	13,748	77.9%	A.McDonald	Completion Q2 2019 for Mount Hamilton Columbarium

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 September 30, 2018

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
2017	4401749104	Security Lighting Program	69,700	1,832	-	67,868	2.6%	W.Kindree / A.McDonald	LED upgrades and replacements to park lighting Q4 2018, specifically Bayfront Parking Lot
2017	4401749107	Park Fencing Program	100,000	(995)	17,630	83,365	16.6%	W.Kindree / A.McDonald	Ongoing fencing work, to be completed in Q4 2018.
2017	4401749510	Spraypad Infrastructure Rehab	116,300	-	-	116,300	0.0%	W.Kindree / A.McDonald	Demo/Rebuild of spray pad initiated in Q4 2018 and completed in Q2 2019.
2017	4401749607	Outdoor Ice Rink Program	35,000	893	1,100	33,007	5.7%	W.Kindree / A.McDonald	Power supply required at Captain Cornelius Park outdoor rink, Q4-2018, subject to Alectra timing.
2017	4401749612	Cemetery Id Signs	45,000	31,825	-	13,175	70.7%	W.Kindree / A.McDonald	Remaining funds for Grove cemetery sign and entrance widening, completion Q4 2019
2017	4401751601	Equipment Acquisitions - DC	363,155	259,353	2,390	101,413	72.1%	S.Williams	Items on order - delay for delivery (skid steer, trailer, mini packer).
2017	4401751700	2017 Small Equipment Replace	102,200	22,621	49,047	30,532	70.1%	S.Williams	Inventories complete and replacements in progress.
2017	4401752100	CSA Safety Material Replace	101,900	93,665	-	8,235	91.9%	W.Kindree / S.Ames	Wood Fibre supply and install continuing through numerous sites in Q3 & Q4 of 2018
2017	4401752600	Playground Lifecycle Replace	264,100	167,658	-	96,442	63.5%	W.Kindree / S.Ames	Funds to mitigate negative variance in 4401852600 and 4401852100
2017	4401756001	Leash free Dog Park Program	107,400	41,642	52,779	12,979	87.9%	A.McDonald	Funding new shade structures at Heritage Green and Hill St. Dog Parks to be constructed in Q4 2018
2018	4241809103*	Cootes Floating Bridge	45,000	-	-	45,000	0.0%	K.Bunn	RFQ to be developed for Bridge repair at Fishing Pier on north end. Work in Q1/2 2019
2018	4241809302*	Birge Park	175,000	-	164,469	10,531	94.0%	K.Bunn	Construction in Q3/4 2018
2018	4241809303*	Lifesavers Park	125,000	-	115,617	9,383	92.5%	K.Bunn	Construction in Q3/4 2018
2018	4241809304*	Woodlands Park	100,000	-	92,729	7,271	92.7%	K.Bunn	Construction in Q3/4 2018
2018	4241809404*	McQuesten Farm Playground	175,000	150,561	19,833	4,606	97.4%	K.Bunn	Construction in Q3 2018
2018	4241809405*	Leaside Park Playground	50,000	-	45,325	4,675	90.7%	K.Bunn	Construction in Q3 2018
2018	4241809406*	Parkdale School Playground	175,000	126,089	46,963	1,948	98.9%	K.Bunn	Construction in Q3 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 September 30, 2018**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
2018	4241809602*	Fay Park Redevelopment	90,000	-	73,255	16,745	81.4%	K.Bunn	Construction in Q3/4 2018
2018	4241809704*	Inch Park Improvement	225,000	106,147	132,420	(13,567)	106.0%	A.McDonald / K.Bunn	Project ongoing, includes shade structure (delayed due to zoning/permit), storage shed, and fencing improvements. To be completed Q1 2019.
2018	4401811601	Cemetery Roads Rehabilitation	85,000	4,231	-	80,769	5.0%	W.Kindree / A.McDonald	Asphalt Paving to be reviewed and replaced or widened at Woodlands & Mount Hamilton Cemeteries in Q2 2019
2018	4401841001	Cemetery Building Repairs	278,199	19,782	12,996	245,421	11.8%	W.Kindree / A.McDonald	Mount Hamilton Works building repairs, Q4 2018
2018	4401849007	Cemetery Columbarium	50,000	-	35,208	14,792	70.4%	W.Kindree / A.McDonald	New Columbarium at Woodlands Cemetery Q4 2018
2018	4401849101	Park Pathway Resurfacing	254,590	85,096	65,247	104,247	59.1%	W.Kindree / A.McDonald	Park pathway work on numerous sites throughout Q2, Q3 & Q4 continuing including to increase accessibility to playgrounds
2018	4401849107	Park Fencing Program	133,650	33,201	-	100,449	24.8%	W.Kindree / A.McDonald	Pay balances for Improvements at Parkdale Park, Fund RFQ for Backstop Fencing Replacements in Q4 2018.
2018	4401849510	Spraypad Infrastructure Rehab	40,000	-	-	40,000	0.0%	W.Kindree / A.McDonald	Demo/Rebuild of spray pad initiated in Q4 2018 and completed in Q2 2019.
2018	4401849801	Monitoring & Repairs of the Escarpment & Waterfront	65,000	21,921	-	43,079	33.7%	A.McDonald / K.Bunn	Erosion study at the Rail Trail, to be initiated in Q4 2018
2018	4401849802	Heritage Green Maintenance building	263,900	2,926	222,175	38,799	85.3%	A.McDonald / K.Bunn	Project ongoing, to be completed Q4 2018.
2018	4401851601	Equipment Acquisitions - DC	247,000	27,825	-	219,175	11.3%	S.Williams	New equipment related to growth - William Connell and Pier 8 to be purchased.
2018	4401851700	Small Equipment Replacement	75,000	17,518	50,952	6,530	91.3%	S.Williams	Inventories complete and replacements in progress.
2018	4401852100	CSA Safety Material Replacement	145,000	133,994	27,588	(16,582)	111.4%	W.Kindree / S.Ames	Wood Fibre supply and install continuing through numerous sites in Q4 of 2018. Negative variance to be mitigated by 4451752600
2018	4401852600	Playground Lifecycle Replacement	255,050	144,432	170,118	(59,500)	123.3%	W.Kindree / S.Ames	Projects ongoing to be completed Q4 2018, negative variance to be mitigated through 4401752600.
2018	4401855800	QC CA Material Testing	10,000	-	-	10,000	0.0%	A.McDonald & W.Kindree	Ongoing various projects, completed Q3 2019.

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 September 30, 2018**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
2018	4401855802	Confederation Beach Shoreline Replacement	875,000	156,711	10,077	708,212	19.1%	A.McDonald	Work to continue into Q3/4 2018, Q1/2 2019 for repairs at 4 sites at Confed Beach under RFQ & RFT, following receipt of shoreline engineer's design work.
2018	4401856001	Leash free Dog Park Program	80,000	14,303	21,758	43,939	45.1%	A.McDonald	Ongoing various projects, completed Q4 2018
2018	7101854812	SC Tennis-Courts Resurfacing	70,000	-	-	70,000	0.0%	K.Bunn	Construction in Q2 2019
<b>Total Parks &amp; Cemetery</b>			<b>6,696,494</b>	<b>2,313,449</b>	<b>1,507,142</b>	<b>2,875,903</b>	<b>57.1%</b>		

**Forestry & Horticulture**

2011	4451153001	Emerald Ash Borer Plan	14,376,631	11,841,670	572,191	1,962,771	86.3%	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	4451451004	Gage Park Tropical House	5,576,500	4,775,033	769,436	32,031	99.4%	L.Seely	Construction near completion. Completion target Q4 2018.
2015	4241509678*	Mountain Brow Vista Study Plan	278,000	132,050	630	145,320	47.7%	M.Monaghan	Remaining vista clearing and maintenance to be completed by Q2 2019
2016	4241609507*	Tree Planting Ward 5	400,000	293,142	2,941	103,917	74.0%	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	4451653644	Tree Planting Progm Wards 3-5	398,910	362,482	-	36,428	90.9%	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
2017	4451751007	Rural Street Parks and Cemeteries Tree Inventory	237,000	168,473	54,685	13,842	94.2%	L.Seely	Multi-year project, in year 3 of 3. Expected completion Q4 2018.
2017	4451751700	2017 Small Equipment Replace	60,000	17,699	39,417	2,884	95.2%	L.Seely	Year 2 of 3 for replacing small equipment for Forestry and Hort. Funds to be fully committed by year end.
2017	4451753444	Tree Planting Program	2,001,020	1,596,289	521,199	(116,467)	105.8%	L.Seely	Project ongoing, variance to be mitigated by year end with surplus funds from 2018 Tree Planting Program (4451853444)
2018	4451853444	Tree Planting Program	1,405,000	404,899	323,605	676,496	51.9%	L.Seely	Current year project ongoing.
2018	4451853701	Gypsy Moth Monitoring	1,950,000	1,933,583	-	16,417	99.2%	L.Seely	2018 phase of project completed. Remaining funds to be committed as part of 2019 program.
<b>Total Forestry &amp; Horticulture</b>			<b>26,683,061</b>	<b>21,525,318</b>	<b>2,284,104</b>	<b>2,873,640</b>	<b>89.2%</b>		

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 September 30, 2018**

YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
<b>Waste Management</b>									
2009	5120991101	Glanbrook Landfill-Stage 3 Development	6,800,000	3,411,883	3,358,435	29,682	99.6%	R.Conley	Work scheduled to be completed by year end 2018
2012	5121241200	Accommodation Updates	200,000	4,636	59,534	135,830	32.1%	R.Ellis	Funds will be committed and spent by year end 2018
2012	5121290111	Leaf&Yard Composting Facility Relocation	200,000	119,049	81,385	(434)	100.2%	R.Conley	Draft ECA received from MECP. Currently compiling comments to send back by October 19th.
2014	4241409206*	Poster Kiosks	70,000	1,505	-	68,495	2.2%	P.Wobschall	Restoration of existing units to be done by end Q4 2018. Detail design for new units was delayed but tender should be issued by Q4 2018; anticipating manufacture and install by Q3 2019.
2014	5121449002	CCF Air Handling-Odour Control	1,246,000	335,330	-	910,670	26.9%	J.McCormick	Building modifications and equipment are being re-evaluated based on new operating requirements, and it is estimated that funds will be allocated in Q2 2019.
2014	5121490411	MRF Remediation	210,000	116,196	85,814	7,990	96.2%	E.Prpic	Consultant completing RSC work provided update with revised timelines based on MECP requirements. Entire project is scheduled to be completed in 2020.
2014	5121490530	Sign Kiosks&Poster Sleeve Prgm	200,000	8,666	43,074	148,260	25.9%	P.Wobschall	Restoration of existing units to be done by end Q4 2018. Detail design for new units was delayed but tender should be issued by Q4 2018; anticipating manufacture and install by Q3 2019.
2014	5121492000	Closed Landfill Maint&Cap Impr	172,000	156,195	15,923	(118)	100.1%	R.Conley	Expecting last invoice for work. Once received project ID can be closed.
2015	5121591000	Glan Landfill Cap Improvements	222,000	155,720	21,309	44,971	79.7%	R.Conley	MECP comments on consolidated ECA for Glanbrook requiring additional work. Expect to be completed by end of 2018. (Q4)
2015	5121594511	Transfer Stn & CRC Expansion	200,000	73,926	-	126,074	37.0%	J.McCormick	Consultant is currently reviewing the feasibility of improving road access at the Mountain CRC. Work is expected to be complete by Q1 2019
2016	5121651602	New Driver/Vehicle Technology	100,000	29,277	6,495	64,228	35.8%	C.Vidler	Working with procurement to issue route optimization tender. RFP has been down graded to tender format. Demonstrations scheduled. Possible pilot with vendors. Expected award of tender by year end.
2016	5121655610	2020 Waste System Planning	525,001	132,059	29,400	363,542	30.8%	E.Prpic	A portion of funds to be committed / spent by Q4 2018 with remainder to be committed in 2019.

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2016	5121691000	Glanbrook Landfill Capital Improvement Program	275,000	236,843	38,002	155	99.9%	R.Conley	Waiting on draft report from WSP consulting. Once report is finalized this project ID will be closed. Expect the end of Q4
2016	5121692000	Closed Landfill Maintenance & Capital Improvement Program	290,000	220,905	-	69,095	76.2%	E.Prpic	Waiting for final invoice from Dufferin. Once paid this project ID can be closed.
2016	5121693000	Maint & Capital Improvements-Resource Recovery Centre	87,200	69,028	12,000	6,172	92.9%	E.Prpic	Project ID to be closed following the completion of the 2018 MRF material auditing program
2016	5121695525	SWMMMP - Planning & Approvals Program	90,000	25,237	-	64,763	28.0%	E.Prpic	Funds to be committed by Q4 based on latest review of multi residential program and reducing contamination rates, etc.
2017	5121755137	Waste Management R&D	135,000	66,679	20,250	48,071	64.4%	E.Prpic	Funds to be used for 2018 audit program, public space recycling, etc.
2017	5121790100	CCF Rolling Stock Replacement	1,017,000	671,617	-	345,383	66.0%	E.Prpic	Equipment has been delivered and pending payment. Payment expected in Oct. 2018. Project to be closed by the end of 2018
2017	5121790200	Diversion Container Replcemnt	695,000	662,037	-	32,963	95.3%	C.Vidler	Funds will be spent Q4 2018 and project to be closed December 31, 2018.
2017	5121790700	PublicSpace&Sp Event Containrs	250,000	189,049	3,147	57,804	76.9%	C.Vidler	Balance of funds to be fully committed in 2018. spent or committed by year end.
2017	5121791000	Glan Landfill Cap Improvements	305,000	287,443	15,764	1,792	99.4%	R.Conley	Waiting on Charlton group to submit final work report. Once received this project ID can be closed. Anticipate by end of Q4
2017	5121792000	Closed Landfill Maint&Cap Imp	141,000	91,334	-	49,666	64.8%	E.Prpic	Year 3 of maintenance agreement will be committed to the project ID. Fully committed by end of Q4 of 2018.
2017	5121793000	Resource Recovery Centre	220,000	155,601	48,846	15,554	92.9%	J.McCormick	Staff determining if the MRF wall repair needs to be retendered. Available funds to be used to repair MRF tip floor which will be committed end of Oct. 2018. Anticipate project to be completed end of 2018.
2017	5121794000	Transf Stn CRC Main Improv	543,850	459,275	68,000	16,575	97.0%	J.McCormick	Funds to be used for the replacement of the protective railings at the CRCs. Funds committed
2017	5121794002	Transfer Stn Door Replace	200,000	124,267	-	75,734	62.1%	J.McCormick	Transfer Station Door project is complete. Additional funds to be used to upgrade pedestrian doors at the Transfer Stations.
2017	5121795525	SWMMMP-Planning&Approvals Prgm	120,000	-	-	120,000	0.0%	E.Prpic	Funds to be committed / spent by Q4 2018 as part of SWMMMP report back.

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2018	5121849800	CCF Air Handling Upgrades	1,700,000	42,645	43,093	1,614,262	5.0%	J.McCormick	Building modifications and equipment are being re-evaluated based on new operating requirements, and it is estimated that funds will be allocated in Q2 2019.
2018	5121855137	Waste Management R & D Program	230,000	53,401	-	176,599	23.2%	E.Prpic	Conducting residential waste audits, new initiatives for the City's multi-res program, completing studies to help optimize operations at the City's waste facilities. Anticipate apportion of funds to be committed in Q4 2018 with remainder in 2019.
2018	5121890200	Diversion Container Replacmnt	870,000	636,780	222,059	11,161	98.7%	C.Vidler	For the supply of diversion containers including green carts and blue boxes. Anticipate all funds will be committed or spent by Q4 2018.
2018	5121890700	PubSpace&SpecEvent Containers	250,000	6,449	184,357	59,194	76.3%	C.Vidler	Funds will be spent or committed by year end.
2018	5121891000	Glan Landfill Cap Improvements	330,000	61,356	40,989	227,656	31.0%	R.Conley	Waiting for procurement to issue RFP for flushing and well maintenance. Should be completed by the end of 2018 (Q4)
2018	5121892000	Closed Landfill Maintenance	456,000	160,514	65,285	230,201	49.5%	E.Prpic	To be used for flushing of leachate collection systems, well installation/decommissioning, closed landfill maintenance contract, etc. Anticipate that all work will be committed and/or completed by Q4 2018.
2018	5121893000	RRC Maintenance & Capital	190,000	79,928	32,742	77,330	59.3%	J.McCormick	Some delays in capital works due to industry changes. Some funds required for tip floor repair. it is anticipated funds will be spent by Q1 2019
2018	5121894000	Transfer Station CRC	205,000	99,195	52,416	53,389	74.0%	J.McCormick	Funds to be used for the replacement of the protective railings at the CRCs and lighting upgrades at the MTSCRC. Available funds to be spent in Q1 2019
2018	5121895525	SWMMP Approvals	150,000	-	-	150,000	0.0%	E.Prpic	2018 program includes: Outcome of the 5 year SWMMP review and any other recommendations requiring consideration / investigation, Bill 151 (Waste Free Ontario Act), municipal partnerships, etc.
<b>Total Waste Management</b>			<b>18,895,051</b>	<b>8,944,025</b>	<b>4,548,317</b>	<b>5,402,709</b>	<b>71.4%</b>		

**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	3,665,000	3,397,121	297,501	(29,622)	100.8%	W.Kindree	Lighting and netting complete, pending deficiency fixes. Picnic shelter is complete, and playground installation is underway. Future phase in 2019 for walkway construction. Keep open.
2008	4400856600	Olmstead Natural Open Space	1,386,000	1,328,051	31,932	26,017	98.1%	C.Graham	ongoing monitoring for vegetation establishment and erosion mitigation. Keep open.

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2010	4401056002	The Gore Master Plan	3,699,454	3,513,360	45,512	140,583	96.2%	M.Stewart	Phase 3 construction anticipated in future years, pending finalization of grades required for LRT. Keep open.
2010	4401056060	Open Space Replacement Strategy - East Mountain Trail	1,236,000	894,158	318,266	23,577	98.1%	K.Wheaton	Construction underway, and work will continue until winter conditions in 2018. Anticipate final project work to be completed in spring 2019. Keep open.
2010	4401056090	Johnson Tew Park	1,345,200	1,306,798	43,962	(5,559)	100.4%	C.Graham	Ongoing work to plant arboretum. Future funds required for tree planting. Minor warranty work being undertaken for walkways and shelter. Keep open
2010	4401056127*	Churchill Park-Soccer Field & MP	2,333,690	868,525	257,448	1,207,716	48.2%	K.Wheaton	Construction underway, and work will continue until winter conditions in 2018. Anticipate final project work to be completed in spring 2019. Keep open.
2010	4401056521	Trillium Seabreeze Park	980,000	917,470	-	62,530	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.
2012	4401255002	Confederation Park Feasibility Study	256,000	242,497	12,800	703	99.7%	L.Stasiuk	Feasibility study is complete. Anticipate final billing shortly, then project close out.
2012	4401256126	Shaver Neighbourhood Park Development	1,523,877	1,105,946	418,512	(581)	100.0%	S.Eakins	Construction delays due to migratory bird habitat. Work on site continuing until winter conditions. Anticipate final construction work to be completed in spring 2019. keep open.
2012	4401256201	Fairgrounds Community Park	297,096	278,767	-	18,329	93.8%	M.Kosiuk / Construction Services	Pending reappropriation of surplus funds to 4401456009 - Mount Hope Park Redevelopment, then close Dec 31, 2018
2012	4401256520	Gage Park Redevelopment - Walkway Lighting and Paving	3,294,416	2,225,052	665,880	403,483	87.8%	L.Thomassin	Construction work underway for lighting as part of the stormwater management project. Construction anticipated to continue into 2019. Future phases to implement master plan in future years. Keep open.
2012	4401256613	Ancaster Community Center Ball Diamond	578,305	422,277	154,573	1,455	99.7%	K.Wheaton	Construction nearing completion in October 2018. Keep open pending final payments and holdback release.
2012	4401256801	Green Millen Shore Estates Waterfront	825,000	653,318	1,770	169,912	79.4%	M.Kosiuk	Final payments pending for the construction of the trail. Developer build. Keep open for final payment per PDFa.
2013	4401356002	Beasley Park Rehabilitation	2,172,008	1,174,374	961,491	36,142	98.3%	L.Stasiuk	Beasley Park Phase 1 substantially complete as of September 2018. Final deficiencies pending. Future phases in future years, keep open.
2013	4401356107	Cherry Beach Lakefront Park	3,162,100	2,431,473	213,237	517,390	83.6%	M.Kosiuk / Real Estate	Warranty period underway for shoreline works. Ongoing monitoring by DFO to respond to storm damage. Keep open, multi-year program.
2013	4401356124	William Connell Community Park	5,830,000	5,128,166	369,404	332,431	94.3%	M.Kosiuk	Construction of phase 1 park substantially complete, but deficiencies remain. Future phase for field house to begin in Q4 2018. Keep open.
2013	4401356541	Borers Creek Trail Link	774,000	778,540	14,272	(18,813)	102.4%	L.Thomassin	Construction is complete. Keep open to reconcile payments and close PO.

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2013	4401356801	Confederation Park - Sports Park Development	9,161,685	5,181,207	750,319	3,230,158	64.7%	J.Epp	Site plan approval, ECA permit and MTO permit still outstanding. Construction to begin once approvals in place, tender anticipated in Q4 2018.
2014	4241409341*	Pipeline Master Trail Plan	830,000	410,501	38,929	380,569	54.1%	S.Eakins	Design of trail from Brampton To Grace underway. Construction anticipated in 2019.
2014	4401456009	Mount Hope Park Redevelopment	1,555,000	1,592,836	74,309	(112,145)	107.2%	M.Kosiuk	Project substantially complete in September 2018. Final project payments pending. Keep open pending holdback release.
2014	4401456102	2555 Creekside	270,905	71,721	32,035	167,149	38.3%	C.Graham	Playground installation complete, pending rubberized safety surfacing. Keep open
2014	4401456401	Parkland - Stadium Precinct	12,418,475	9,003,512	397,522	3,017,441	75.7%	T.Briatico / M.Stewart	Monitoring work on site to begin in Q4 2018, and continue until summer 2019. Site works required prior to Risk Assessment. Keep open.
2014	7101454405	255 Winona Rd-School Purchase	3,572,250	3,443,011	90,512	38,727	98.9%	C.Graham	land acquired for future use to facilitate parkland development per the secondary plan.
2015	4401556503	Heritage Green Sports Pk Ph II	935,000	854,478	2,110	78,412	91.6%	M.Kosiuk	Spray pad and play area construction complete. Keep open pending final payments and holdback release. Future phases for road and field construction. Keep open.
2015	4401556504	Trails Master Plan Update	443,300	339,093	19,048	85,159	80.8%	S.Eakins	Kay Drage Trail is complete, pending final payments and holdback release. Studies underway for future trail connections in preparation for 2019 capital budget. Keep open.
2015	4401556506	Vincent Massey Park Developmnt	624,000	565,862	-	58,138	90.7%	C.Graham	Contractor in breach of contract. City to use former holdback fund to rectify deficiencies. Keep Open.
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	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	4401556512	Glanbrook Hills Park	810,000	736,428	66,179	7,393	99.1%	S.Eakins	Project requires rectification of deficiencies. Partial holdback has been released. Keep open until final holdback is released.
2015	4401556513	Riverdale East Park Spray Pad	520,000	505,641	-	14,359	97.2%	K.Wheaton	Pending reappropriation of surplus funds to 4401456009 - Mount Hope Park Redevelopment, then close Dec 31, 2018
2015	4401556514	St Christopher's Park	230,000	98,868	500	130,632	43.2%	A.McDonald / C.Graham	Ongoing work to improve play area and walkways, keep open
2015	4401556516	Carpenter Park Redevelopment	669,000	515,809	-	153,191	77.1%	L.Thomassin	Carpenter park project is complete. Shaver Trail requires additional funds to complete, specifically the installation of the wood decking & railing. High tender prices on the structural work used all available funds in the current project id

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2015	4401556999	Open space Closed Projects	0	358	-	(358)	#DIV/0!	C.Graham	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 at the facility. Anticipated completion in Q1-2019
2016	4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,652,000	1,458,464	221,506	(27,969)	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	139,838	16,749	44,913	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	420,000	95,414	2,271	322,315	23.3%	L.Stasiuk	Masterplan project, to start in Q4 2018, approved through Report PW18056. Keep open.
2016	4401656605	Upper Stoney Creek Splash Pad #2	836,510	780,897	61,592	(5,979)	100.7%	L.Thomassin	Project is substantially complete, pending deficiencies to be rectified. Keep open, pending holdback release.
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	4401756402	Waterdown S Pk 2 (Agro Pk)	710,000	71,117	598,224	40,659	94.3%	M.Kosiuk	Construction is complete. Payment from PO pending. Keep open.
2017	4401756612	Up Country Ests Proposed Pk DB	680,000	71,004	495,313	113,683	83.3%	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	-	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	35,248	62,425	27,327	78.1%	J.Epp	Detailed design work underway for location at Gage Park. Multi-year project, keep open.
2017	4401756703	Mountain Brow Path	180,000	156,583	3,451	19,966	88.9%	L.Thomassin	Project is complete. Implementation of the route to be implemented through future project budget requests. Close PO and project.
2017	4401756704	Fruitland Winona	8,652,950	8,639,993	2,729	10,227	99.9%	C.Graham / M.Kosiuk	Acquisitions for future community park ongoing. Due diligence studies ongoing.
2017	4401756706	Roxborough Park ReDev & Design	91,000	21,457	-	69,543	23.6%	L.Thomassin	Public consultation has taken place, and work beginning on detailed design. Timing of construction pending coordination with the development and determination of funding source. Keep open.

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2017	4401756710	Valley Prk-Skateboard Prk	100,000	-	-	100,000	0.0%	W.Kindree	Public consultation to take place in October 2018. Future funds for construction required. Keep open.
2017	4401756718	Ancaster Meadows Pk (Proposed)	70,000	17,728	-	52,272	25.3%	L.Thomassin	Detailed design pending survey information from the developer. Future funds required for construction. Keep open.
2017	4401756802	Beach Park Dev Program	100,000	-	-	100,000	0.0%	C.Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2017	4401756824	William Connell Community Park	950,000	610,919	376,316	(37,235)	103.9%	M.Kosiuk	Construction of phase 1 park substantially complete, but deficiencies remain. Future phase for field house to begin in Q4 2018. Keep open.
2017	4401756907	Century Street Park	295,000	41,731	1,000	252,269	14.5%	W.Kindree	Tender closed above project budget. Redesign underway, and anticipate retendering in Q1 2019. Future coordination with public art.
2018	4241809401*	AM Cunningham Parkette	338,000	93,995	5,453	238,552	29.4%	S.Eakins	Parkette is renamed Crown Point East Parkette, per council report PW18068. slight redesign required due to watermain break information. Anticipate tender in October 2018.
2018	4241809403*	AM Cunningham Park redevelopment	437,200	366,937	77,401	(7,138)	101.6%	S.Eakins	Work complete. Keep open pending holdback release and project close out.
2018	4241809801*	GarthReservoir-WllmConnell Prk	200,000	20,000	7,250	172,750	13.6%	M.Stewart	Detailed design RFP being finalized. Design work to begin in Q4 2018 for phase 1. Future construction funds required.
2018	4401855600	Parks Testing and Reporting	58,200	43,453	15,449	(702)	101.2%	C.Graham	Ongoing program required for testing and quality control at park and trail development projects.
2018	4401855801	Emergency Shoreline Study	340,000	73,199	-	266,801	21.5%	???	Shoreline study to recommend future works related to protection of City of Hamilton shoreline, per Item 8 of PW report 18-006. Future projects requiring future funding anticipated. Keep open.
2018	4401856127	Churchill Park Phase 2	50,000	12,200	-	37,800	24.4%	K.Wheaton	Phase 2 of masterplan implementation for Churchill park. Design work to begin in Q4 2018, future funds required for construction. Keep open.
2018	4401856300	Parkside Hills	193,355	111,748	-	81,607	57.8%	M.Stewart	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.
2018	4401856601	Legislated Monitoring	50,000	12,200	-	37,800	24.4%	C.Graham	Park development & redevelopment work occasionally require MNR and MOE monitoring. Funds will be used towards the obligations of that monitoring. Currently being used for Bobolink Replacement habitat monitoring for Johnson Tew Pk, Butternut replacement planting for Village Green Pk, and any future projects. Keep open
2018	4401856615	John St N Rebecca Master Plan	2,860,000	120,000	119,550	2,620,450	8.4%	M.Stewart	Detailed design and tendering of John Rebecca Park. Anticipate tender early in 2019, construction to be complete in 2019. Keep Open.

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2018	4401856802	Beach Park Development	100,000	10,000	-	90,000	10.0%	C.Graham	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2018	4401856803	RHV Trails Mstr Plan The Nest	300,000	73,197	-	226,803	24.4%	K.Wheaton	The third of the Gathering Places as part of the Red Hill Valley Project. Pending JSB, HCA and NEC approvals. Design and construction in 2019.
2018	4401856804	Highbury Meadows North Park	80,000	19,519	-	60,481	24.4%	J.Vandriel	Design start in 2019, with construction in future years. Keep open.
2018	4401856805	Cline Park Redevelopment	60,000	14,639	25,740	19,621	67.3%	J.Vandriel	Public consultation delayed in order to complete required cultural heritage studies. Design work in 2019. Keep open.
2018	4401856806	BookjansW PropPrk-AncasterGlen	70,000	17,280	-	52,720	24.7%	S.Eakins	New park development. Public consultation held spring 2018. Future funding required for construction. Keep open.
2018	4401856812	Spencer Creek Estates (14)	60,000	14,639	-	45,361	24.4%	J.Vandriel	Conceptual design underway. Future funds required for construction. Keep open.
2018	4401856813	Chedoke Falls Viewing Study	60,000	35,841	22,665	1,494	97.5%	W.Kindree	Feasibility study for increased access to the falls. Anticipate study completion in fall 2018. Future funds will be required for the construction of the access, per the recommendations of the study. Keep open.
2018	4401856815	Caterini Park (Binbrook)	610,000	61,000	-	549,000	10.0%	J.Epp	Developer-build park in Binbrook. Keep open pending final payment.
2018	4401856817	Fifty Road Parkette Redev	700,000	24,399	31,000	644,601	7.9%	W.Kindree	Replacement of shoreline protection and parkette which was removed due to extreme storm event in 2017. coordination with DFO for approvals prior to tender. Keep open.
2018	4401856819	Waterfalls Viewing	177,500	65,750	99,114	12,636	92.9%	L.Thomassin	Design of south viewing platform for Albion Falls to address health and safety concerns. Environmental studies, cultural heritage, and design work in 2018. Future funds required for construction. NEC, MNR, and HCA approvals anticipated. Keep open.
2018	4401856820	Waterford Park	241,550	-	-	241,550	0.0%	L.Thomassin	Project approved through report PW 18040. Masterplan to begin in early 2019 with public consultation. Future funds will be required for construction, pending outcome of the master plan. Keep open.
2018	4401856900	Bruce Park Spraypad	670,000	64,042	1,160	604,798	9.7%	K.Wheaton	Design/build RFP had to be reissued due to no successful bidders. Reissued RFP closed in Q3 2018. Additional funds required, approved through motion at September council. Award underway, and design to begin shortly.
2018	4401856910	John St N & Rebecca Land Acq	1,550,000	20,000	-	1,530,000	1.3%	M.Stewart	Payment for lands required for future park development. Keep open.
2018	4401858800	Skatepark Facility - Rec Study	100,000	24,399	67,958	7,644	92.4%	W.Kindree	Public consultation to take place in October 2018. Future funds for construction required. Keep open.

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2018	4411806201	Central Park Redevelopment	1,647,000	401,854	-	1,245,146	24.4%	L.Thomassin	Detailed design for redevelopment of park. Pending final grades from capping and infrastructure project. Soil stockpiling for capping underway now. Keep open.
<b>Total Open Space Development</b>			<b>95,596,972</b>	<b>67,339,240</b>	<b>7,646,141</b>	<b>20,611,591</b>	<b>78.4%</b>		

**West Harbour Strategic Initiative**

2012	5181206222	Setting Sail-Floating Breakwater	4,040,000	4,012,825	26,420	755	100.0%	G.Norman	Project complete. Leave open until claims resolved.
2013	4901355303	Piers 5-8 Prkng&Traffic Study	100,000	95,493	4,497	10	100.0%	G.Norman	Close PO; project can close next BER
2013	8201355302	Urban Design & Dev - Piers 5-8	292,000	235,349	-	56,651	80.6%	G.Norman	UDS complete; available funds to be transferred to 4411506104 Pier 8 Draft Plan / Zoning
2013	8201355880	Implementation of Setting Sail	437,000	440,861	20,900	(24,761)	105.7%	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	557,038	221,905	5,071,057	13.3%	G.Norman	Detailed design at 100%; preparing tender docs
2015	4411506104	West Harbour Draft Plan&Zoning	610,000	512,737	37,311	59,952	90.2%	G.Norman	Draft plan and zoning under appeal; additional study in support of LPAT hearing in 2019 is underway
2015	4411506105	Pier 5-7 Marina Reconstruction	7,635,000	9,238,082	262,148	(1,865,230)	124.4%	G.Norman	Project complete; Variance is made up of revenues expected from RYHC and HPA per finance agreements. RHYC has been invoiced. Expect invoice to HPA in Q4 2018
2015	4411506106	Marina Services & Gas Dock	700,000	349,980	-	350,020	50.0%	G.Norman	Project underway ; being coordinated with Piers 5-7 design (HWT)
2015	4411506107	Pier5-7 Marina Shoreline Rehab	10,170,000	1,412,341	600	8,757,059	13.9%	G.Norman	Project underway by HWT
2015	4411506108	West Harbour RSC	1,633,900	1,649,408	1,749	(17,257)	101.1%	G.Norman	Finalizing approvals.
2015	4411506109	West Harbour Site Remediation	2,182,000	817,673	340,770	1,023,558	53.1%	G.Norman	Demolition 95% complete; remediation complete; site prep complete save for fill import.
2015	4411506111	Bayfront Park Beach Study	300,000	196,014	32,809	71,177	76.3%	G.Norman	Study complete. Council gave direction to report back on findings in March 2019
2015	4411506201	Central Park Master Plan	100,000	75,471	38,009	(13,480)	113.5%	G.Norman	Design complete. Variance; will be resolved upon finalizing detail design and budget approval for park in 2018.
2016	4411606001	CHH Site Servicing Study	120,000	15,453	-	104,547	12.9%	G.Norman	This project may be closed.
2016	4411606002	Real Estate Disposition Process	714,200	388,373	54,370	271,457	62.0%	G.Norman	In progress, in negotiations with developer including agreement preparation and preparation for LPAT hearing in 2019.
2016	4411606003	Community Engagement Imp.	460,000	168,054	-	291,946	36.5%	G.Norman	Program in support of public-facing WHSI projects; on-going; complete in 2019.

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2016	4411606004	Marketing Communication Imp.	450,000	102,642	13,078	334,281	25.7%	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	679,182	318,486	787,332	55.9%	G.Norman	Detailed design 100% complete; in for permits - tender docs being prepared.
2016	4411606102	Pier 5-7 Boardwalk	1,135,000	19,316	-	1,115,684	1.7%	G.Norman	Project underway by HWT
2016	4411606103	Pier 6 Artisan Village (CAN150)	1,170,000	21,892	-	1,148,108	1.9%	G.Norman	Project underway by HWT
2016	4411606104	Pier 7 Commercial Village	3,050,000	50,672	1,496	2,997,832	1.7%	G.Norman	Project underway by HWT
2016	4411606105	Pier 8 Shorewall	13,291,000	1,100,550	80,336	12,110,115	8.9%	G.Norman	Project tendered and awarded.
2016	4411606106	Pier 8 Promenade	8,010,000	982,321	100,000	6,927,679	13.5%	G.Norman	Detailed design 100% complete; in for permitting - tender docs being prepared.
2016	4411606111	Bayfront Park Beach Rehab	280,000	83,634	-	196,366	29.9%	G.Norman	Implementation on hold until after report to Council in Q1 2019
2016	4411606201	Bar-Tiff Site Remediation	1,350,000	140,461	15,640	1,193,899	11.6%	G.Norman	Phase 1 ESA complete. Need to strategize next steps re scope of analysis.
2016	4411606202	Bar-Tiff Site Servicing Study	180,000	32,362	-	147,638	18.0%	G.Norman	Additional study to be scoped through development of B-T Disposition Strategy
2016	5121692001	Central Park Remediation	4,900,000	210,191	151,566	4,538,243	7.4%	G.Norman	Risk assessment and risk management plan work underway.
2017	4411706101	Pier 6-8 Servicing Constrn	8,830,000	523,907	-	8,306,093	5.9%	G.Norman	To be tendered in Q4 2018
2017	4411706102	Pier 8 Park	1,419,300	272,266	44,918	1,102,116	22.3%	G.Norman	Detailed design complete. Construction will follow servicing in late 2019
2017	4411706103	Bayfront Park Upgrades Ph 1	500,000	22,190	-	477,810	4.4%	G.Norman	Project delayed to accommodate shift in priority to have public realm projects on Piers 5-8 expedited
2017	4411706104	Artisan Village Design Study	110,000	-	-	110,000	0.0%	G.Norman	Project underway by HWT
2017	4411706105	WH Parking Garage Feasibility	300,000	13,314	-	286,686	4.4%	G.Norman	RFP in Q4 2017
2017	4411706201	Bar-Tiff Real Est Solicitation	200,000	-	-	200,000	0.0%	G.Norman	Delayed due to Pier 8 LPAT hearing prep. Report to Council with Recommendations expected in Q1/2 2019.
2017	4411706202	Adaptive Comm Re-use 125 Barton St. W	800,000	683,994	128,002	(11,996)	101.5%	G.Norman / R.Ellis	Anticipated completion Q4 2019
2017	4411756700	57 Discovery-Leasehold buyback	3,067,750	635,421	-	2,432,329	20.7%	G.Norman	underway; involves annual transfers to HWT
2018	4411806102	Macassa Bay Shoreline Improv	150,000	5,266	-	144,734	3.5%	G.Norman	to start Q4 2018
2018	4411806103	Macassa Bay Boardwalk Trail	150,000	5,266	-	144,734	3.5%	G.Norman	to start Q4 2018

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2018	4411806104	West Harbour Public Art	450,000	15,798	-	434,202	3.5%	G.Norman	underway as part of Piers 5-7 design
2018	4411806105	Police Marine Facility Replac	300,000	30,707	2,500	266,793	11.1%	G.Norman	interim facility to be available Q4 2018; new building in 2022+
2018	4411806106	James St CSO Tank overflow pipe	375,000	13,165	-	361,835	3.5%	G.Norman	underway as part of Piers 5-7 design
2018	4411806202	Central Neighbourhood Park	3,890,000	122,589	105,650	3,661,760	5.9%	G.Norman	to start Q3 2019
<b>Total West Harbour Initiative</b>			<b>91,487,150</b>	<b>25,932,256</b>	<b>2,003,162</b>	<b>63,551,733</b>	<b>30.5%</b>		

**Energy Initiatives**

2014	7901448406	Ice Plant Optimization Arenas	425,000	63,071	-	361,929	14.8%	M.Carson	Findings of pilot project complete. Report coming to council in Q4
2016	7901641600	Hamilton Place LED Light	590,000	383,968	63,738	142,295	75.9%	M.Carson	Phase 1 complete. Phase 2 construction underway. Project on track
2016	7901641601	First Ontario Centre	530,000	361,018	-	168,982	68.1%	M.Carson	On track to close by Q4 - 2018.
2016	7901641602	Fire Stations LED Light	220,500	214,462	756	5,282	97.6%	F.Jilani	Final commitments to be cleared Q4 then ready to close
2016	7901641604	Aquatic Centres Ext LED Light	106,000	-	85,082	20,918	80.3%	M.Carson	PO issued. Construction underway
2016	7901641605	Valley Park LED Light	195,560	-	6,864	188,696	3.5%	M.Carson	Out for tender
2016	7901641606	Ice Arena LED Light	1,221,000	1,006,083	199,464	15,453	98.7%	M.Carson	Awaiting receipt of incentives . Can not close until incentives received. Commitments still outstanding
2016	7901641609	Macassa BAS Upgrade	60,000	-	-	60,000	0.0%	F.Jilani	Evaluation of BAS needs underway.
<b>Total Energy Initiative</b>			<b>3,348,060</b>	<b>2,028,602</b>	<b>355,903</b>	<b>963,555</b>	<b>71.2%</b>		

**Fleet**

2014	4941451003	Restoration - Fleet Fuel Sites	1,280,000	661,989	216,819	401,191	68.7%	A.Fletcher / J.Sheen	Tank removal completed at 2 locations - 4 sites at 85% completion, 1 site has work that will carry into Q2 2019
2015	4941551100	Fleet-Vehicle & Equipment Repl	5,860,860	5,306,144	596,970	(42,254)	100.7%	T.Kagianis	Final vehicle delivered with invoice received October 12, 2018. Liquidated damages apply to this transaction therefore upon receipt of a revised invoice and payment this account will be closed. Appropriation from current project to fund any deficit
2016	4941651001	Shop Equipment Replacement	165,000	149,861	17,929	(2,790)	101.7%	Jeff Ellis	Final invoice to be processed, then project will be closed
2016	4941651100	Fleet Vehicle&Equipment Replace Program	8,314,210	7,278,979	186,691	848,541	89.8%	T.Kagianis	On schedule for completion end of 2018

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2017	4941751001	Shop Equipment Replacement	160,000	41,323	22,578	96,100	39.9%	J.Ellis / A.Fletcher	Waiting for invoices to be received and software purchase order to be issued
2017	4941751100	Fleet Vehicle&Equipment Replace Program	7,085,000	6,041,719	919,256	124,026	98.2%	T.Kagianis	On schedule for completion end of 2019
2018	4941851001	Shop Equipment Replacement	162,000	-	-	162,000	0.0%	J.Ellis / A.Fletcher	Scheduled for completion 2019
2018	4941851004	Street Sweeper Purchase	737,600	426,423	-	311,177	57.8%	T.Kagianis	Scheduled for completion Q2 2019
2018	4941851100	Fleet Vehicle&Equipment Replace Program	6,857,000	(125,595)	2,103,809	4,878,786	28.8%	T.Kagianis	Scheduled for completion end of 2020
<b>Total Fleet</b>			<b>30,621,670</b>	<b>19,780,843</b>	<b>4,064,051</b>	<b>6,776,776</b>	<b>77.9%</b>		

**Facilities**

2013	3541349003	Backflow Prevention-Facilities	2,003,000	1,363,018	-	639,982	68.0%	C.McKay / K.Zukauskas	Ongoing through 2018-2019.
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 and generator fuel compliance deficiencies in 2018/2019.
2013	4401356800	Bayfront Park Work Yard	436,000	364,700	88,589	(17,288)	104.0%	C.Euale	Project complete, to be reconciled and closed, surplus to be transferred to 7101841800.
2014	3541441401	POA Administration Offices	37,237,998	33,956,311	3,224,997	56,691	99.8%	L.Nelson / J.Warner	Staff move-in summer 2018. Grand Opening occurred September 13, 2018. Financial close in 2019/2020.
2014	3541441910	RCMP Lease-Capital Replacement	434,000	436,017	2,020	(4,037)	100.9%	T.Briatico	Project in construction. Expected financial completion 2018/2019.
2015	3541541409	Code & Legislative Compliance	450,000	387,614	40,701	21,686	95.2%	R.Ellis	Waiting for commitments to clear. Remaining funds to be used for the Compliance program for 2018/2019, targeting completion in 2018/2019.
2015	3541541510	Control Ctre & Automation Upgr	1,100,000	340,495	-	759,505	31.0%	R.Ellis	Priorities include immediate commitment for capital reinvestment in the central plant equipment with HCE. Ongoing 2018/2019.
2015	3541541631	Facilities Security Program	150,000	150,361	-	(361)	100.2%	R.Ellis	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2017. Ongoing priorities into 2018.
2015	3541557001	Archibus-Facility Maintenance	50,000	35,921	-	14,079	71.8%	R.Ellis	Next phase of inventory and PMs to commence in 2018/2019. Ongoing.

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2016	3541641010	Facility Upgrades Libraries	312,000	230,767	122,766	(41,533)	113.3%	R.Ellis	Library facilities renewals ongoing in 2018. 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	105,068	105,440	152,613	58.0%	R.Ellis	Firestation facilities renewals ongoing in 2018/2019.
2016	3541641402	MTC - CNG Facility Upgrades	1,309,000	1,339,334	20,280	(50,614)	103.9%	R.Ellis	Construction complete. Targetting financial close 2019.
2016	3541641409	Code & Legislative Compliance	720,000	592,200	125,813	1,988	99.7%	R.Ellis	After the financial close in 2019, once all commitments have cleared, reconcile to Compliance Program then CLOSE.
2016	3541641412	Roof Management Program	920,000	694,602	28,733	196,665	78.6%	R.Ellis	Roof replacements ongoing in 2018. Reconcile then CLOSE. Once commitments clear in 2019, then reconcile with annual program and CLOSE.
2016	3541641532	Facility Capital Maintenance	300,000	181,436	51,919	66,645	77.8%	R.Ellis	Commitments anticipated to clear in 2018. Once commitments clear, then in 2019, reconcile with annual program and CLOSE.
2016	3541641601	Animal Control Facility Design	75,000	70,421	-	4,579	93.9%	R.Ellis	Animal control works complete. Reconcile then close.
2016	3541641602	Ancaster Memorial Arts & Cultural Centre	14,400,000	1,323,574	91,781	12,984,644	9.8%	R.Ellis	Tender is advertised as of October 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 2018/2019.
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	85,533	53,573	70,894	66.2%	R.Ellis	Project in construction. Expected financial close Q4-2018.
2016	3541655001	Yard Capital Renewal Program	292,190	197,547	71,800	22,843	92.2%	R.Ellis	Work at yards ongoing into 2018.
2016	3541657001	Archibus-Facility Maintenance	100,000	10,082	-	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	90,704	10,764	(20,469)	125.3%	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	41,390	85,419	43.1%	R.Ellis	2018 work in Firestations is ongoing
2017	3541741409	Code & Legislative Compliance	511,000	276,220	103,780	131,001	74.4%	R.Ellis	2018 work on Compliance is ongoing.

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2017	3541741412	Program - Roof Management	671,800	566,177	75,138	30,485	95.5%	R.Ellis	2018 roof design and construction work is ongoing.
2017	3541741532	Facility Capital Maintenance	733,966	837,127	34,575	(137,736)	118.8%	R.Ellis	2018 work on Facility Capital Maintenance is ongoing. deficit to be reconciled with annual program
2017	3541741603	Central Library Window Replacement	2,576,000	2,326,462	153,019	96,519	96.3%	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 nearly complete. Phase 3 of windows will commence in 2019 to conclude the project in 2018, financial close in 2020.
2017	3541741604	Binbrook Town Hall Skylights	250,000	247,739	10,511	(8,250)	103.3%	R.Ellis	Work completed. Financial close expected Q3 2019.
2017	3541741605	HAMILTON Sign	300,000	293,799	1,315	4,886	98.4%	R.Ellis	New Exterior Signage/Art "Hamilton" at City Hall is complete. Financial close anticipated in 2019.
2017	3541741631	Facilities Security Program	100,000	31,933	-	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 2018/2019.
2017	3541741648	Parking Lot Rehabilitation	195,300	138,376	37,423	19,501	90.0%	R.Ellis	Work on parking lots is ongoing into 2018/2019.
2017	3541741910	RCMP Lease-Capital Replacement	210,000	225,715	-	(15,715)	107.5%	R.Ellis	Project in construction. Expected financial completion Q3-2019.
2017	3541755001	Yard Capital Renewal Program	200,000	119,479	60,243	20,277	89.9%	R.Ellis	Ongoing through 2018/2019.
2017	3541755700	Downtown Office Accommodation	100,000	15,460	-	84,540	15.5%	R.Ellis	Ongoing through 2018.
2017	3541757001	Archibus-Facility Maintenance	100,000	15,460	-	84,540	15.5%	R.Ellis	Ongoing through 2018/2019.
2018	3541841010	Facility Upgrades Libraries	100,000	30	-	99,970	0.0%	R.Ellis	Ongoing through 2018/2019.
2018	3541841013	Firestations Facility Upgrade	350,000	-	-	350,000	0.0%	R.Ellis	Ongoing through 2018/2019.
2018	3541841409	Facilities Code & Compliance	601,000	-	-	601,000	0.0%	R.Ellis	Ongoing through 2018/2019.
2018	3541841412	Roof Management	600,000	195,509	407,799	(3,308)	100.6%	R.Ellis	Ongoing through 2018/2019.
2018	3541841532	Facility Capital Maintenance	359,024	-	318,725	40,299	88.8%	R.Ellis	Ongoing through 2018/2019.
2018	3541841631	Facilities Security	150,000	-	-	150,000	0.0%	R.Ellis	Ongoing through 2018/2019.
2018	3541841648	Parking Lot Rehabilitation	350,000	-	-	350,000	0.0%	R.Ellis	Various priorities Ongoing through 2018/2019
2018	3541841801	Rymal Yard Building Repairs	300,000	-	294,811	5,189	98.3%	R.Ellis	Ongoing through 2018/2019.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
2018	3541841910	Stoney Creek City Hall RCMP	210,000	209	-	209,791	0.1%	R.Ellis	Ongoing through 2018/2019.
2018	3541849003	Backflow Prevention Various	450,000	58,979	450,248	(59,227)	113.2%	R.Ellis	Ongoing through 2018/2019. Deficit to be reconciled with annual program 3541349003.
2018	3541855001	Yard Capital Renewal	150,000	2,850	150,000	(2,850)	101.9%	R.Ellis	Ongoing through 2018/2019.
2018	3541855100	Facilities Audit Program	100,000	-	99,625	375	99.6%	R.Ellis	Ongoing through 2018/2019.
2018	3541855701	ConfederationPrkFacilit yAssmnt	150,000	-	135,800	14,200	90.5%	R.Ellis	Underway & ongoing through 2018/2019.
<b>Total Facilities</b>			<b>71,693,399</b>	<b>47,762,919</b>	<b>6,453,916</b>	<b>17,476,564</b>	<b>75.6%</b>		

**Entertainment Facilities**

2015	3721541805	HCC HP & FOC Lifecycle Renewal	720,519	557,654	98,488	64,377	91.1%	R.Ellis	Lifecycle renewal priorities ongoing 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	203,495	55,756	22,829	91.9%	R.Ellis	Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway.
2017	3721741600	Commonwealth Sq&Summers Ln	779,000	114,520	90,905	573,575	26.4%	R.Ellis	Work currently in design for Commonwealth Square & Summer's Lane. Collaboration with PED in the 2019 capital budget.
2017	3721741805	HCC HP & FOC Lifecycle Renewal	922,000	705,727	228,908	(12,635)	101.4%	R.Ellis	Ongoing in 2018/2019. Lifecycle renewal priorities at HCC, FOC and FOCH (formerly HP) are currently underway.
2017	3721751701	HP Audio Equipment Repair&Repl	60,000	44,270	4,506	11,224	81.3%	R.Ellis	Ongoing in 2018/2019.
2018	3721841801	Program FirstOntario Concert Hall Replacements and Renovations	213,200	142,736	57,264	13,200	93.8%	R.Ellis	Ongoing in 2018/2019.
2018	3721841805	Program HCC, FOCH & FOC Lifecycle Renewal	520,300	27,146	487,248	5,906	98.9%	R.Ellis	Ongoing in 2018/2019.

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2018	3721851801	First Ontario Centre Vertical Transportation	4,300,000	7,000	700	4,292,300	0.2%	R.Ellis	Design drawings complete. Currently out t to tender Q3/Q4 2018.
2018	3721851803	Hamilton Convention Centre Exterior Restoration Program of Courtyard, Stairwells and Elevate	2,000,000	-	1,500,000	500,000	75.0%	R.Ellis	Tender awarded. Work commenced onsite early October 2018.
<b>Total Entertainment Facilities</b>			<b>9,797,099</b>	<b>1,802,549</b>	<b>2,523,775</b>	<b>5,470,775</b>	<b>44.2%</b>		

**Recreation Facilities**

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.
2012	7101254201*	Scott Park-New Senior Centre	23,900,000	23,523,728	1,125,000	(748,728)	103.1%	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 2020 capital budget process.
2013	7101354105	Park & Fieldhouse Retrofits	1,205,835	1,153,245	-	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%	C.Euale	Construction complete. Waiting for commitments to clear. Project to financially close in 2019.
2014	7101454202	Waterdown Memorial Pk Ice Loop	3,340,000	3,240,150	99,258	592	100.0%	K.Berry	Construction complete. Project to financially closed in 2019, pending completion of public art.
2014	7101454704	HPRC Independence from School	99,000	170,358	-	(71,358)	172.1%	C.Euale	Reconcile with 7101854811. Reconcile then CLOSE in 2019.
2014	7101454710	SWL Rec Cntr Independence	1,648,000	1,270,993	126,100	250,907	84.8%	C.Euale	Construction complete. Project to Close financially in 2018, to be reconciled with 7101754805.
2015	7101541706	Recreation Centre Retrofits	218,969	197,403	8,785	12,781	94.2%	R.Ellis	Reconcile then CLOSE.
2015	7101551501	Facility Vehicles	160,000	87,352	-	72,648	54.6%	R.Ellis	Facilities Operations completed specifications for a vehicle RFT. Some vehicles were replaced. Additional vehicle replacements anticipated in 2018/2019.
2015	7101554105	Park & Fieldhouse Retrofits	936,000	937,494	6,061	(7,556)	100.8%	L.Keermaa	Mahoney Pk construction complete. Montgomery Pk Construction completed. Reconcile from annual program then close.

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2015	7101554506	Valley Park Community Ctr-Expn	300,000	116,607	25,572	157,821	47.4%	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 targetted to start in 2020.
2015	7101554507	Chedoke Arena Roof	1,200,000	1,159,728	-	40,272	96.6%	R.Ellis	Reconcile with Roof Program then CLOSE.
2015	7101554508	Public Use Feasibility Study	150,000	65,527	83,613	860	99.4%	R.Ellis	Phase 1 of the Recreation Indoor Use study presented to E & CS Committee in Q3 2016. Phase 2 was deemed necessary, ongoing in 2018.
2015	7101554509*	Mohawk Track - Redesign	900,000	879,408	20,667	(75)	100.0%	R.Ellis	Construction complete. Ribbon cutting was Oct. 21 2017. Financial close anticipated in 2019.
2015	7101554510	Dundas JLGrightmire Arena Reno	7,000,000	3,764,047	3,407,199	(171,247)	102.4%	R.Ellis	Construction underway. Contractor delayed from fall 2018 completion.
2015	7101554536	Program - Arena Retrofits	184,000	128,327	17,800	37,873	79.4%	R.Ellis	Once commitments clear, reappropriate to annual program in order to fund ongoing priorities then close.
2015	7101557501	Scheduling&Payroll Sftware App	50,000	-	-	50,000	0.0%	R.Ellis	Recreation administered software project. In process of PID clean-up.
2015	7101558501	Parkdale Outdoor Pool Redev	1,225,000	100,790	122,683	1,001,527	18.2%	R.Ellis	Design well underway in 2018/2019. Progress beyond design contingent on additional funding.
2016	7101641601	Ancaster Aquatic Centre Refurbishment	1,375,000	1,382,890	-	(7,890)	100.6%	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	397,749	215,783	(63,532)	111.6%	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	300,000	147,587	15,309	137,104	54.3%	R.Ellis	Improvements underway and ongoing in 2017/2018. Planning focus on safety improvements in 2018/2019.
2016	7101649602*	Scott Park Precinct Ice Pad & Spray Pad Installation	2,400,000	696,047	1,710,379	(6,426)	100.3%	R.Ellis	Tender Awarded. Reconcile with PID 7101254201.
2016	7101654105*	Program - Park & Fieldhouse Retrofits	1,194,000	1,234,537	15,780	(56,317)	104.7%	R.Ellis	Mahoney Pk construction nearly complete Q1 2018. Montgomery Pk Construction completed. Reconcile/mitigate from annual program then close.
2016	7101654536	Program - Arena Retrofits	561,250	453,724	67,806	39,720	92.9%	R.Ellis	Arena projects ongoing in 2018. Once completed, reconcile with annual program then close.
2016	7101654603	Beverly Recreation Centre/School	1,800,000	90,318	62,233	1,647,449	8.5%	R.Ellis	HWDSB is in process of re-tender fall 2018. COH fit-up of community space will follow. Collaboration with HWDSB ongoing.

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2016	7101654608	William Schwenger Park Washroom Facility	500,000	491,727	16,562	(8,289)	101.7%	R.Ellis	Construction complete. Facility is open. Financial close in 2019.
2016	7101654609	Greensville Recreation Centre/School	1,800,000	252,879	66,415	1,480,706	17.7%	R.Ellis	HWDSB will re-tender Q4 2018 after value-engineering. Collaboration with HWDSB ongoing.
2016	7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	790,000	783,081	14,675	(7,756)	101.0%	R.Ellis	Canada 150 Projects. Construction complete on time. Project will financially close in 2019.
2016	7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,920,200	1,906,756	59,778	(46,334)	102.4%	R.Ellis	Canada 150 Projects. Binbrook Memorial Hall construction complete Q3 2017. Mt. Hope complete Q1 2018, both on time. Financial close anticipated by Q4 2019.
2016	7101654612	Bobby Kerr & Trenholme Park Washroom Facilities	850,000	1,045,272	23,771	(219,042)	125.8%	R.Ellis	Projects completed. Amenities opened in 2018. Smaller deficit is anticipated once final invoices are paid. Anticipated deficit will be mitigated through reappropriation and the 2020 capital budget process.
2016	7101654613	Westoby (Olympic) Arena Roof	572,000	469,700	-	102,300	82.1%	R.Ellis	Canada 150 Project completed on time and on budget. Financial close end of 2018
2016	7101654700	Pinky Lewis Recreation Centre Expansion Project	2,070,000	861,622	1,218,592	(10,214)	100.5%	R.Ellis	Infrastructure Project in Design. Tender awarded. Construction ongoing.
2016	7101654702	Program - Facility Capital Maintenance	295,000	126,124	183,985	(15,108)	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	4,815,200	1,227,938	164,229	3,423,033	28.9%	R.Ellis	Construction Phase 1 complete. Report to PW Committee Fall 2018 was approved in order to award tender for Phase 2 of construction.
2016	7101655501	Recreation Studies	36,430	32,845	-	3,585	90.2%	R.Ellis	Reconcile with FCM then CLOSE in 2018/2019.
2016	7101657601	Class Software Licensing Fees	70,000	-	-	70,000	0.0%	R.Ellis	Recreation project concerning software purchase. Clean-up in process with Recreation.
2017	3541755101	Recreation Facilities Audit Program	142,100	122,287	27,588	(7,774)	105.5%	R.Ellis	Reconcile and close 2018/2019
2017	7101741701	Community Halls Retrofits	85,000	55,738	-	29,262	65.6%	R.Ellis	Community Halls projects ongoing in 2018.

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2017	7101741706	Recreation Centre Retrofits	190,700	147,594	9,285	33,821	82.3%	R.Ellis	Recreation projects ongoing in 2018.
2017	7101754105	Park & Fieldhouse Retrofits	80,000	95,031	36,005	(51,036)	163.8%	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	3,735	127,439	15.0%	R.Ellis	Ph2 of the Rec Indoor Study is ongoing in 2018/2019 in order to reflect current demographics, community needs, etc.
2017	7101754536	Program - Arena Retrofits	500,000	393,917	62,383	43,700	91.3%	R.Ellis	Arena projects ongoing in 2018.
2017	7101754701	Glanbrook Arena Elevator	800,000	621,284	42,684	136,032	83.0%	R.Ellis	Canada 150 Project completed in 2018. Financial close in 2019.
2017	7101754702	Mountain Arena Elevator	330,000	254,982	25,039	49,980	84.9%	R.Ellis	Canada 150 Project completed on time. Financial close in 2019.
2017	7101754703	Senior Centre Retrofits	133,300	16,840	-	116,460	12.6%	R.Ellis	Senior Centre Projects ongoing in 2018.
2017	7101754704	Huntington Pk Rec Centre Reno	1,600,000	1,629,072	-	(29,072)	101.8%	R.Ellis	Construction complete. Grand re-opening complete. Largely infrastructure renewal project. Financial close anticipated in 2019.
2017	7101754705	Turner Park Washrooms	662,000	622,705	63,620	(24,325)	103.7%	R.Ellis	Construction completed on time for the Canada 150 project with deadline of March 2018. Washrooms opened in 2018. Financial close in 2019.
2017	7101754708	Waterdown Pool & RecCtr Fsbilty	100,000	21,884	28,747	49,369	50.6%	R.Ellis	Feasibility study underway in 2018/2019 with architect.
2017	7101754709	Wolverton Parkland Imprv&Demo	160,000	24,737	-	135,263	15.5%	R.Ellis	Specification complete. Demolition in 2019.
2017	7101754805	SirWilfridLaurier GymRepl Addn	1,100,000	-	56,500	1,043,500	5.1%	R.Ellis	Design ongoing. Site Plan Control approval anticipated in 2019/2020, required for permit.
2017	7101758002*	Alexander Park Splashpad	767,502	635,378	14,192	117,932	84.6%	R.Ellis	Construction completed on time and on budget for the Canada 150 project with deadline of March 2018. Spraypad opened 2018. Financial close in 2019, pending capital transfer funds to LAS for implementation of skateboard feature.
2018	3541855101	Recreation Facilities Audit Program	110,000	-	-	110,000	0.0%	R.Ellis	Ongoing in 2018/2019
2018	7101841213	Flamborough Seniors Recreation Centre Barrier -Free Washroom	220,000	21,138	9,585	189,278	14.0%	R.Ellis	Design complete. Tender in 2018.
2018	7101841701	Program - Community Halls Retrofits	10,000	1,272	-	8,728	12.7%	R.Ellis	Ongoing in 2018.

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2018	7101841706	Program - Recreation Centre Retrofits	200,000	772	170,000	29,228	85.4%	R.Ellis	Ongoing in 2018.
2018	7101841800	Parks North Yard at Bayfront Park	3,115,000	15,453	88,176	3,011,371	3.3%	R.Ellis	In design phase pending renewed Site Plan Control approval with Planning. Construction anticipated in 2019.
2018	7101845801	Waterdown Mem Pk Parking Lot	680,000	-	680,000	-	100.0%	R.Ellis	Tender awarded and construction started fall 2018.
2018	7101854105	Program - Park & Fieldhouse Retrofits	250,000	45,024	149,000	55,976	77.6%	R.Ellis	Ongoing in 2018.
2018	7101854508	Public Use Feasibility Needs & Study	150,000	5,387	-	144,613	3.6%	R.Ellis	Ph2 of the Rec Indoor Study is ongoing in 2018/2019 in order to reflect current demographics, community needs, etc.
2018	7101854536	Program - Arena Retrofits	250,000	17,200	138,095	94,705	62.1%	R.Ellis	Ongoing in 2018.
2018	7101854702	Program - Facility Capital Maintenance	200,000	-	138,000	62,000	69.0%	R.Ellis	Ongoing in 2018.
2018	7101854703	Program - Senior Centre Retrofits	100,000	5,359	-	94,641	5.4%	R.Ellis	Ongoing in 2018.
2018	7101854803	Domenic Agostino Riverdale Community Centre - Expansion	405,000	6,304	5,560	393,136	2.9%	R.Ellis	In design in 2018/2019. Recreation Report to Council as part of 2020 capital budget process with an update on design.
2018	7101854807	Dundas Valley Community Park Improvement & Pavilion Feasibility	350,000	15,406	137,219	197,375	43.6%	R.Ellis	Design complete. Pavilion construction to begin in Q4 2018.
2018	7101854810	Durand Washroom Facility	303,000	16,282	214,766	71,952	76.3%	R.Ellis	Design complete. Construction to start in fall 2018.
2018	7101854811	Hill Park Recreation Centre - Renovation	232,000	106,568	-	125,432	45.9%	R.Ellis	Ongoing in 2018. Reconcile with 7101454704.
2018	7101858802	Maplewood Park Washroom Lifecycle Repairs	100,000	-	-	100,000	0.0%	R.Ellis	Ongoing in 2018/2019 in coordination with LAS.
<b>Total Recreation</b>			<b>81,163,116</b>	<b>56,359,807</b>	<b>11,275,690</b>	<b>13,527,619</b>	<b>83.3%</b>		

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<b>Transportation</b>									
2005	5300583504	Fare Cards-System Enhancement	7,500,000	7,005,814	72,709	421,476	94.4%	D.Guy	Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - begin Q1 2019, Upass applications - Q2 2018, self service devices - Q3 2019.
2011	5301185001	Customer Service Software	720,000	608,176	-	111,824	84.5%	Nancy Purser	Ongoing with final installation of upload capabilities Q4 2018.
2011	5311182002	ATS Mobile Data Terminals	1,125,000	710,558	-	414,442	63.2%	D.Guy	Ongoing; fleet acquisition is not complete. Accurate estimate forthcoming.
2013	5301384001	Rapid Transit - Quick Wins	11,993,000	8,640,868	543	3,351,588	72.1%	J.Vander Heide	Surplus funds to be coordinated with CF Limeridge Master Plan redevelopment.
2013	5301384002	Mobility Programs	422,500	366,519	103,042	(47,061)	111.1%	D.Guy	Project to be closed in 2019. Deficit to be mitigated through closure of PO's
2015	5301555500	Mtn&Storage Facility Expn Stdy	150,000	4,568	-	145,432	3.0%	J.Vander Heide	Funds to be transferred to 5301641500 and project closed.
2015	5301583501	Transit Hybrid Bus Battery Repl	601,000	131,147	-	469,853	21.8%	J.Vander Heide	Ongoing.
2015	5301584501	Trapeze EAM Fleet Mmgnt	800,000	469,656	218,758	111,586	86.1%	J.Vander Heide	Moved to 2019 work plan.
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	4,300,000	3,284,101	98,390	917,509	78.7%	J.Vander Heide	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	1,509,902	225,978	(35,880)	102.1%	D.Guy	Estimated completion Q4 2018. Upfitting expansion buses.
2017	5301749700	Garage Door Repl - MTC	1,320,000	299,371	686,929	333,700	74.7%	D.Guy	Anticipated completion date Q4 2018. PTIF funding extended to March 31, 2020.
2017	5301749701	Transit Capital Infrastructure	6,000,000	419,345	684,442	4,896,213	18.4%	J.Vander Heide	Multi-year construction (2018/19). PTIF funding extended to March 31, 2020.
2017	5301751500	Replace Bus Hoists	7,025,000	1,768,936	-	5,256,064	25.2%	J.Vander Heide	Ongoing. Q4 2019.
2017	5301751701	HVAC Upgrades-2200 Upper James	650,000	674,290	97,374	(121,664)	118.7%	M.Selkirk	Construction complete. Project in warranty phase. Maintenance security due 2019 and financial close-out to follow. The cost overrun will be mitigated due to a incorrectly assigned PO.

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2017	5301755700	Transit Priority Measures	1,500,000	-	586,000	914,000	39.1%	M.Selkirk	Multi-year software and hardware installation (2018/19). PTIF funding extended to March 31, 2020.
2017	5301783100	2017 HSR Bus Replacement	11,400,000	7,881,994	3,799,415	(281,409)	102.5%	J.Vander Heide	PO's to be closed once complete.
2017	5301783503	2017 Non-Rev Vehicle Replace	85,000	-	-	85,000	0.0%	J.Vander Heide	Ongoing.
2017	5301783700	HSR Bus Expansion Prgrm-10 Yr	10,380,000	9,222,958	2,053,428	(896,386)	108.6%	M.Selkirk	Ongoing. Completion date Q4 2018.
2017	5301783701	Non Revenue Vehicle Exp-Growth	400,000	-	-	400,000	0.0%	M.Selkirk	Ongoing.
2017	5301784700	Radio Equipment Replacement	3,000,000	1,944,087	75,121	980,792	67.3%	J.Vander Heide	Waiting on payment of final invoices; expected complete by year-end 2018.
2017	5301784707	Rapid Ready & 10yr Strategy	550,000	-	-	550,000	0.0%	M.Selkirk	Studies to be initiated 2018.
2017	5301784710	Automated Passenger Counters	2,200,000	2,207,070	60,645	(67,714)	103.1%	M.Selkirk	Open PO's to be closed. Project will be added to December 31, 2018 closure report.
2017	5301785602	Shelter Expansion & Rehab	7,043,000	43,708	4,092,463	2,906,829	58.7%	M.Selkirk	RFP awarded. Multi-year implementation (2018/19). PTIF funding extended to March 31, 2020.
2017	5301785700	Bus Wash Rack Replacement	880,000	409,070	446,097	24,833	97.2%	M.Selkirk	Ongoing.
2017	5301785701	Transit Mtnce&Storage Facility	22,000,000	117,825	5,970,789	15,911,385	27.7%	D.Guy	Multi-year design and remediation works (2018/19). PTIF funding extended to March 31, 2020.
2017	5301785702	Express Bus (L-A-S-T Lines) Enhanced Passenger Amenities	420,000	-	-	420,000	0.0%	J.Vander Heide	Project ongoing.
2017	5301785703	Limeridge Mall Terminal Redev	2,500,000	-	-	2,500,000	0.0%	D.Guy	Awaiting agreement with CF Limeridge management. Ongoing.
2017	5301785704	Sustainable NetworkConnections	3,025,000	2,267,869	379,333	377,799	87.5%	J.Vander Heide	Project complete. PO's to be closed after year-end.
2017	5301785708	Customer Service Software	2,400,000	859,559	353,852	1,186,589	50.6%	M.Selkirk	Ongoing; launch schedule revised to 2019.
2018	5301883100	2018 HSR Bus Replacement	14,485,000	-	3,598,048	10,886,952	24.8%	J.Vander Heide	Completion date Q3 2019.
2018	5301883503	2018 Non-Rev Vehicle Replace	103,000	-	-	103,000	0.0%	???	Ongoing.
2018	5301884801	Transit Network Review	800,000	-	-	800,000	0.0%	??	Project initiated. Multi-year study (2018/19). PTIF extended to March 31, 2020.
2018	5301885801	Exterior Upgrades to MTC	3,900,000	-	4,200	3,895,800	0.1%	??	Design Consultant retained. Multi-year project (2018/19). PTIF funding extended to March 31, 2020.

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2018	5301885802	Upgrade Operator Seats	455,000	-	-	455,000	0.0%	C.Lee-Morrison	Estimated completion Q4 2019. Waiting for project approval.
2018	5301885803	Terminal and End Line Rehab	75,000	-	-	75,000	0.0%	M.Selkirk	2018 - Ongoing.
2018	5301885804	Bus Shelter Rehabilitation	125,000	2,351	-	122,649	1.9%	D.Guy	2018 - Ongoing.
<b>Total Transportation</b>			<b>132,470,500</b>	<b>51,083,476</b>	<b>23,611,505</b>	<b>57,775,519</b>	<b>56.4%</b>		

**Roads - Engineering Services**

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. Possible program improvement necessary to be complete in 2019 pending audit.
2011	4031118126	Bridge 163 - Centennial Parkway North, 540m n/o Barton St East	14,690,000	11,017,763	2,168,377	1,503,860	89.8%	M.Oddi	Construction complete. Awaiting billing from CN
2012	4031218212	Bridge 185 - Bay St N - 65m s/o Strachan St W	500,000	64,118	-	435,882	12.8%	M.Oddi	Construction complete. Awaiting billing from CN
2012	4031218222	Bridge 329 - Burlington St E at Wilcox St	350,000	150,565	-	199,435	43.0%	R.Andoga / T.McClung	Ongoing - multi-year project. Design funding not used from 2017 is to be used to complete EA in 2019. Construction has been deferred to 2024
2012	4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	2,049,000	1,741,763	304,869	2,367	99.9%	M.Oddi	Complete - pending final review/audit/payment
2012	4031218228	Bridge 248 - King St W 145 m w/o Bond St	400,000	132,096	48,676	219,228	45.2%	R.Andoga / T.McClung	Ongoing multi-year project. Class EA/ESA study complete. Design that was scheduled in 2017 has been deferred to 2018/2019 due to EA and Heritage Impact Study delays, Construction deferred to 2021.
2012	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	550,000	251,863	126,479	171,658	68.8%	R.Andoga / T.McClung	Ongoing - multi-year project. Ongoing Functional & Archaeological review, 2017 Design, Construction 2024.

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2013	4031319101	Road Reconstruction Program - 2013	10,236,000	10,142,499	43,682	49,818	99.5%	M.Oddi / P.McNab	Complete - pending final review/audit/payment. Burlington & Industrial - Ottawa to Kenilworth has been delayed and rebudgeted in 2020.
2014	4031412002	Perimeter Rd - Property Mainte	349,338	61,398	-	287,941	17.6%	P.McNab	Project required for rent and maintenance
2014	4031418425	Bridge 450 - Highway No 5	1,950,000	954,104	827,087	168,808	91.3%	R.Andoga / T.McClung	Ongoing multi-year project. Design ongoing and Construction 2018.
2014	4031418426	Bridge 088 - Mill St	1,799,000	1,774,285	22,254	2,461	99.9%	M.Oddi	Complete - pending final review/audit/payment
2014	4031418430	Bridge 344 - Concession 5W	650,000	532,778	52,252	64,971	90.0%	M.Oddi	Complete - pending final review/audit/payment
2014	4031418436	Bridge 449 - Hwy 52	2,450,000	2,424,876	65,794	(40,671)	101.7%	M.Oddi	Complete - pending final review/audit/payment
2014	4031418437	Bridge 417 - Harrison Road	150,000	39,192	34,849	75,959	49.4%	R.Andoga / T.McClung	Ongoing multi-year project. Design ongoing and Construction in 2019
2014	4031418438	Bridge 397 - Glancaster Road	490,000	138,013	85,798	266,189	45.7%	R.Andoga / T.McClung	Ongoing multi-year project. Construction in 2018.
2014	4031418447	Bridge 447 - Bell Rd	570,000	423,490	50,271	96,239	83.1%	M.Oddi	Complete - pending final review/audit/payment
2014	4031419101	Road Reconstruction Program - 2014	18,080,000	13,933,497	3,881,488	265,015	98.5%	M.Oddi / P.McNab	Multi-year project. Rymal - Garth to West 5th construction 2018, surface asphalt 2019. Surplus unknown until completion of all projects.
2015	4031511015	Road Resurfacing Program - 2015	4,390,000	4,137,073	6,000	246,927	94.4%	M.Oddi / P.McNab	Close next BER
2015	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	150,000	44,813	29,695	75,491	49.7%	R.Andoga / T.McClung	Ongoing multi-year project. Design ongoing and Construction 2019.
2015	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	150,000	34,267	24,849	90,884	39.4%	R.Andoga / T.McClung	Ongoing multi-year project. Design ongoing and Construction 2019.
2015	4031518409	Bridge 409 - Regional Rd 97	70,980	26,282	12	44,686	37.0%	R.Andoga / T.McClung	Close next BER

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2015	4031518533	Hwy 8 Culvert (Dundas Hill) - 230 m n/o Springhill Rd	750,000	660,207	53,720	36,074	95.2%	M.Oddi	Complete - pending final review/audit/payment
2015	4031519101*	Road Reconstruction Program - 2015	9,370,000	8,749,844	316,291	303,864	96.8%	M.Oddi / P.McNab	Multi-year project. 5 of 6 project awarded. Hwy 8 - Bridge over Spencer Creek to Hillcrest is construction 2020.
2015	4031560999	Closed Projects - Roads	307,725	98,247	309,615	(100,137)	132.5%	M.Oddi / P.McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required.
2016	4031611015	Road Resurfacing Program - 2016	4,980,000	4,317,555	45,594	616,851	87.6%	M.Oddi / P.McNab	\$550k surplus used to WIP Fund 2019 RHVP resurfacing and then this project can be closed once commitments are paid/cleared.
2016	4031611016	Asset Preservation - Local Roads - 2016	7,700,000	7,644,973	31,705	23,321	99.7%	M.Oddi / P.McNab	Complete - pending final review/audit/payment
2016	4031611601	CP Minor Mntce Ward 1	560,310	189,111	(6,265)	377,464	32.6%	R.Andoga / P.McNab	% spent based on Councillor requests. \$150k earmarked for Haddon.
2016	4031611602	CP Minor Mntce Ward 2	1,871,310	297,007	77,249	1,497,053	20.0%	R.Andoga / P.McNab	% spent based on Councillor requests. \$1.1m being used to WIP Fund 2019 Ferguson - Simcoe to Burlington.
2016	4031611603	CP Minor Mntce Ward 3	1,748,450	1,295,229	290,927	162,294	90.7%	R.Andoga / P.McNab	% spent based on Councillor requests. \$30k earmarked for speed humps on Fife and \$15k for Victoria Curling Club - Alleyway/Driveway Rehab.
2016	4031611604	CP Minor Mntce Ward 4	1,186,890	629,303	-	557,587	53.0%	R.Andoga / P.McNab	% spent based on Councillor requests.
2016	4031611605	CP Minor Mntce Ward 5	1,211,300	756,642	30,628	424,030	65.0%	R.Andoga / P.McNab	% spent based on Councillor requests
2016	4031611606	CP Minor Mntce Ward 6	1,549,160	1,225,274	181,319	142,567	90.8%	R.Andoga / P.McNab	% spent based on Councillor requests. \$140k earmarked for road resurfacing and minor sidewalk works on Rochelle Ave.
2016	4031611607	CP Minor Mntce Ward 7	1,367,960	368,228	227,987	771,745	43.6%	R.Andoga / P.McNab	% spent based on Councillor requests - \$100k earmarked for Springside - Rymal to Hydro corridor and \$90k for Eleanor - Dulgaren to Eaglewood. Springside and Eleanor works complete and contractor paid. Close once journal is done. \$142k for concrete and asphalt repairs.

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2016	4031611608	CP Minor Mntce Ward 8	2,081,830	1,561,521	226,512	293,797	85.9%	R.Andoga / P.McNab	% spent based on Councillor requests
2016	4031611609	CP Minor Mntce Ward 9	1,551,700	729,894	107,196	714,610	53.9%	R.Andoga / P.McNab	% spent based on Councillor requests. \$70k for Galbraith - Lake to park entrance. Galbraith Dr project complete and all invoices paid. \$200k for sidewalks on Mountain Ave (east side only) - 300m n/o Jones to Collegiate (2019 construction).
2016	4031611610	CP Minor Mntce Ward 10	960,340	316,458	-	643,882	33.0%	R.Andoga / P.McNab	% spent based on Councillor requests. \$460k earmarked for Hewitson -Dupont To Barton.
2016	4031611611	CP Minor Mntce Ward 11	1,053,960	583,660	10,660	459,640	56.4%	R.Andoga / P.McNab	% spent based on Councillor requests. \$60k earmarked for Springside Dr - hydro corridor to Spalding Drive - road repairs. Springside Dr works complete and contractor paid. Close once journal is done.
2016	4031611612	CP Minor Mntce Ward 12	1,543,660	120,502	-	1,423,158	7.8%	R.Andoga / P.McNab	% spent based on Councillor requests
2016	4031611613	CP Minor Mntce Ward 13	1,655,310	828,512	32,197	794,601	52.0%	R.Andoga / P.McNab	% spent based on Councillor requests. \$70k earmarked for Bond - King to Park & Park - Bond to West Limit - resurfacing - works to be completed 100% and contractor paid by end of Q4 2018.; \$90k for Peel - Mill to King - road maintenance - Peel works complete and contractor paid. Close once journal is done.; \$75k for sidewalks on Creekside Dr and \$30k for concrete repairs.
2016	4031611614	CP Minor Mntce Ward 14	1,035,420	295,549	-	739,871	28.5%	R.Andoga / P.McNab	% spent based on Councillor requests. \$300k earmarked for paving of various parking lots and \$110k earmarked for Medwin Cul-de-sac
2016	4031611615	CP Minor Mntce Ward 15	732,990	472,584	30,711	229,695	68.7%	R.Andoga / P.McNab	% spent based on Councillor requests. \$40k earmarked for William Street - Closure
2016	4031614405	Contaminated Soil & Rock Disposal 2016	637,000	493,544	35,397	108,060	83.0%	R.Andoga / P.McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2016	4031617642	Sherman Access Retaining Wall	3,800,000	2,912,355	817,741	69,904	98.2%	M.Oddi	Complete - pending final review/audit/payment
2016	4031618090	Bridge 090 - McMurray	250,000	42,889	5,377	201,735	19.3%	R.Andoga / T.McClung	Ongoing multi-year project. Design in 2018, Construction in 2020
2016	4031618219	Structural Investigations and Reports - 2016	400,000	198,323	170,266	31,412	92.1%	R.Andoga / T.McClung	Complete - Close once commitments are paid/cleared
2016	4031618355	Bridge 355 - White Church	1,220,000	1,227,702	23,198	(30,900)	102.5%	M.Oddi	Complete - pending final review/audit/payment
2016	4031618385	Bridge 385 - Westover Rd	150,000	48,699	33,752	67,549	55.0%	R.Andoga / T.McClung	Ongoing multi-year project. Design ongoing and Construction 2019.

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2016	4031619101	Road Reconstruction Program - 2016	5,660,000	5,248,704	392,034	19,262	99.7%	M.Oddi / P.McNab	Multi-year project. 3 of 5 projects awarded and 1 cancelled. Mohawk - Upper Ottawa to Upper Kenilworth construction ongoing until late Fall 2018. Surplus/deficit unknown at this time.
2016	4031619102*	Britannia / Oriole / Adair / Glassco	2,750,000	2,120,632	-	629,368	77.1%	M.Oddi / P.McNab	Project complete. \$90k being used to WIP Fund 2019 RHVP resurfacing. The balance is area rating funding to be returned to the reserve.
2016	4031619104	Highway 8 - Hillcrest to Park	230,000	78,517	35,000	116,483	49.4%	R.Andoga / A.Jazvac	Funding for design. Any unspent surplus to be carried over to 2020 construction.
2016	403165522	State of the Infrastructure - Asset Management	600,000	9,736	145,240	445,024	25.8%	R.Andoga / A.Jazvac	pavement condition assessment and analysis to be carried out citywide in 2019
2016	4041610018	Low-Wattage-LED Replace	8,700,000	7,999,221	560,163	140,616	98.4%	D.Lamont	Anticipated completion date Sept 2018 and process final payment
2016	4241609216*	Stinson Bike Lanes Repair	200,000	37,916	793	161,291	19.4%	M.Oddi	Complete - pending final review/audit/payment
2017	4031710006	Minor Construction - 2017	240,000	159,797	8,000	72,203	69.9%	R.Andoga / P.McNab	Ongoing - work in progress
2017	4031711015	Road Resurfacing Program - 2017	6,510,000	3,912,168	852,753	1,745,079	73.2%	M.Oddi / P.McNab	\$1.5m Gas Tax surplus used to WIP Fund 2019 RHVP resurfacing. Multi-year project. 3 of 4 projects tendered. Southcote - Calder to Garner is design only with construction proposed in 2022.
2017	4031711016*	Asset Preservation - Local Roads - 2017	11,920,000	10,288,228	892,375	739,398	93.8%	M.Oddi / P.McNab	6 of 6 projects ongoing with Redhill North to be completed in Fall of 2018. Surplus unknown at this time.
2017	4031711222	New Sidewalk Program - 2017	490,000	296,882	24,350	168,768	65.6%	M.Oddi / P.McNab	Ongoing - work in progress
2017	4031711225	Geotechnical Investigation Program - 2017	200,000	113,388	84,612	2,000	99.0%	R.Andoga / A.Jazvac	Complete - Close once commitments are paid/cleared
2017	4031718218	OSIM Bridge and Culvert Inspections - 2017	300,000	141,051	56,608	102,342	65.9%	R.Andoga / McClung	Ongoing - work in progress
2017	4031718219	Structural Investigations and Reports - 2017	400,000	55,155	70,364	274,481	31.4%	R.Andoga / T.McClung	Ongoing - work in progress.
2017	4031718452	Bridge 452 - Centennial Pkwy, 990m n/o Ridge	100,000	79,989	10,409	9,602	90.4%	R.Andoga / T.McClung	CLOSE once PO is paid. Project deferred, Design rebudgeted for 2023 and construction for 2026
2017	4031719101	Road Reconstruction Program - 2017	2,371,000	1,938,083	396,210	36,707	98.5%	M.Oddi / P.McNab	Multi-year project. McNeilly Road complete. Sanatorium construction ongoing. Burlington & Industrial - Birch to Gage rebudgeted to 2023/24.

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2017	4031749555	QA-QC Service Contract - 2017	150,000	152,779	950	(3,729)	102.5%	M.Oddi	Complete - Close once commitments are paid/cleared
2017	4031755019	Lincoln M. Alexander & Red Hill Valley Parkway Lighting Study	130,000	70,050	57,722	2,228	98.3%	D.Lamont	Anticipated completion date is Nov 2018
2017	4031755333	Butternuts on Beckett	50,000	993	44,417	4,590	90.8%	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	-	353,905	11.5%	R.Andoga / A.Jazvac	Various reporting currently under development including Asset Management Plan for Provincial Compliance. Further budget allocations suspended
2017	4031755556	Mapping Update - 2017	70,000	-	60,000	10,000	85.7%	D.Lamont	Ongoing - work in progress. Anticipated 100% spent/committed by year end 2018.
2017	4041710016	Street Lighting Program - New Lights - 2017	700,000	340,627	57,605	301,768	56.9%	D.Lamont	On-going - funding allocated to PW capital construction projects
2017	4041710017	Street Lighting Capital Program - 2017	740,000	534,147	179,222	26,631	96.4%	D.Lamont	On-going - funding allocated to PW capital construction projects
2017	4241709201*	Area Rating - Ferguson Ave N - Simcoe to Burlington (W2 A/R)	300,000	-	-	300,000	0.0%	R.Andoga / A.Jazvac	pending final audit, upon completion of construction, funding to be returned to the area rating reserve.
2017	4241709202*	Area Rating - Stinson - Wentworth to Wellington (W2 A/R)	224,000	171,237	59,228	(6,465)	102.9%	M.Oddi	Complete - pending final review/audit/payment
2017	4241709203*	Area Rating - James - Duke to Bridge (W2 A/R)	150,000	92,670	12,517	44,813	70.1%	M.Oddi	Complete - pending final review/audit/payment. \$44k area rating surplus as a result of favourable tender.
2017	4241709501*	Area Rating - Kentley Dr / Crawford Dr / Hart PI (W5 A/R)	300,000	152,036	107,836	40,128	86.6%	M.Oddi	Complete - pending final review/audit/payment. \$40k area rating surplus at this time.
2017	4241709502*	Area Rating - Covington - Barton to Cascade (New Sidewalk) (W5 A/R)	120,000	102,562	15,126	2,313	98.1%	M.Oddi	Complete - pending final review/audit/payment
2017	4241709505*	Road Work Mount Albion	800,000	663,190	125,030	11,780	98.5%	M.Oddi	Complete - pending final review/audit/payment

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2017	4241709601*	Area Rating - Upper Ottawa - Reno to Mountain Brow (W6 A/R)	1,850,000	1,283,013	139,794	427,194	76.9%	M.Oddi	Complete - pending final review/audit/payment. \$427k area rating surplus at this time.
2017	4241709602*	Area Rating - Fennell - Upper Gage to Upper Ottawa (W6 A/R)	800,000	492,628	118,059	189,313	76.3%	M.Oddi	Complete - pending final review/audit/payment. \$189k area rating surplus at this time.
2017	4241709603*	Area Rating - Fern / Doreen / Tilbury / Filer / Cecilia (W6 A/R)	300,000	195,667	47,224	57,109	81.0%	M.Oddi	Complete - pending final review/audit/payment. \$57k area rating surplus at this time.
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 - pending final review/audit/payment
2017	4241709802*	Area Rating - San Francisco / San Pedro / Goulding (W8 A/R)	1,300,000	1,084,984	212,626	2,390	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	315,396	3,294	81,310	79.7%	M.Oddi	Complete - pending final review/audit/payment. \$81k area rating surplus at this time.
2017	4241709804*	Area Rating - Upper Horning (south of LINC) / Adis Ave (W8 A/R)	1,080,000	948,741	9,881	121,377	88.8%	M.Oddi	Complete - pending final review/audit/payment. \$121k area rating surplus at this time.
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. \$35k area rating surplus as a result of favourable tender.
2018	4031810006	Minor Construction - 2018	300,000	79,772	63,507	156,721	47.8%	R.Andoga / P.McNab	Ongoing - work in progress
2018	4031811015	Road Resurfacing Program - 2018	11,950,000	2,961,198	1,984,834	7,003,968	41.4%	R.Andoga / A.Jazvac	\$900k surplus being used to WIP fund 2019 Mountview Neighbourhood (Southwest Section). 3 of 4 projects awarded. RHVP Rehabilitation resurfacing in 2019.
2018	4031811016	Asset Preservation - Local Roads - 2018	4,700,000	2,286,233	2,176,970	236,797	95.0%	M.Oddi	Burkholme Neighbourhood currently under construction
2018	4031811017	City Wide Road Priorities	5,900,000	929,544	3,263,903	1,706,554	71.1%	M.Oddi	Ongoing project. Burlington St and Upper Gage to be resurfaced in 2018. Cannon St to be resurfaced in 2019.

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2018	4031811020	Main St W Emergency Rd Works	950,000	885,526	79,791	(15,317)	101.6%	M.Oddi	Complete. Possible crack sealing 2019.
2018	4031811225	Geotechnical Investigation Program - 2018	700,000	226,015	372,956	101,029	85.6%	R.Andoga / A.Jazvac	Ongoing - work in progress
2018	4031811801	NBHD RD Priorities W1	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	100% of these funds are being used to WIP Fund 2019 Asset Preservation - Westdale South Neighbourhood (North Section).
2018	4031811802	NBHD RD Priorities W2	900,000	430,283	387,160	82,557	90.8%	M.Oddi	C15-34-17 (BR) - Aberdeen & Hunter Resurfacing
2018	4031811803	NBHD RD Priorities W3	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	Funding remains unallocated to any road project. The funding allocation is to be discussed with the Ward Councillor upon completion of the 2018 election
2018	4031811804	NBHD RD Priorities W4	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	Funding remains unallocated to any road project. The funding allocation is to be discussed with the Ward Councillor upon completion of the 2018 election
2018	4031811805	NBHD RD Priorities W5	900,000	702,700	209,455	(12,155)	101.4%	M.Oddi	C15-58-17 (H) - Davis Creek Neighbourhood Resurfacing
2018	4031811806	NBHD RD Priorities W6	900,000	529,499	129,660	240,841	73.2%	M.Oddi	C15-66-17 (HSW) - Upper Kenilworth Resurfacing
2018	4031811807	NBHD RD Priorities W7	900,000	817,826	96,320	(14,146)	101.6%	M.Oddi	C15-51-18 (H) - Upper Sherman Ave. Resurfacing
2018	4031811808	NBHD RD Priorities W8	900,000	598,919	91,441	209,640	76.7%	M.Oddi	C15-34-17 (BR) - Scenic & Denlow Resurfacing
2018	4031811809	NBHD RD Priorities W9	900,000	269,132	285,523	345,345	61.6%	M.Oddi	C15-64-17 (H) - Athenia Resurfacing
2018	4031811810	NBHD RD Priorities W10	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	100% of these funds are being used to WIP Fund 2019 Dewitt - Highway 8 to Barton
2018	4031811811	NBHD RD Priorities W11	900,000	660,567	250,859	(11,426)	101.3%	M.Oddi	C15-34-17 (H) - Airport Rd
2018	4031811812	NBHD RD Priorities W12	900,000	441,690	95,951	362,360	59.7%	M.Oddi	Complete C15-16-17 (HSW) - Meadowbrook Resurfacing
2018	4031811813	NBHD RD Priorities W13	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	Funding remains unallocated to any road project. The funding allocation is to be discussed with the Ward Councillor upon completion of the 2018 election

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2018	4031811815	NBHD RD Priorities W15	900,000	-	-	900,000	0.0%	R.Andoga / A.Jazvac	100% of these funds are being used to WIP Fund 2019 Braeheid - Parkside to Riley.
2018	4031814405	Contaminated Soil & Rock Disposal 2018	400,000	61,147	137,337	201,516	49.6%	R.Andoga / P.McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2018	4031817644	Claremont - Bin Wall Removal	170,000	20,367	-	149,633	12.0%	R.Andoga / T.McClung	Ongoing multi-year project. Technical Study in 2018, ESA deferred to 2019. Design in 2019, Construction in 2022
2018	4031818089	Bridge 089 - Creighton Rd	200,000	23,961	33,304	142,735	28.6%	R.Andoga / T.McClung	Ongoing multi-year project. Design/ESA in 2018, Construction in 2020
2018	4031818108	Bridge 108 - Indian Trail	130,000	15,574	-	114,426	12.0%	R.Andoga / T.McClung	Ongoing multi-year project. ESA in 2018, Design in 2019, Construction in 2021
2018	4031818150	Bridge 150 - Tapleytown Rd	200,000	25,057	16,350	158,593	20.7%	R.Andoga / T.McClung	Ongoing multi-year project. ESA in 2018, Design in 2019, Construction in 2021
2018	4031818159	Bridge 159 - RR 56 near Hall	30,000	3,594	13,539	12,867	57.1%	R.Andoga / T.McClung	Ongoing - work in progress
2018	4031818189	Bridge 189 - RR 56 near Kirk	30,000	3,594	7,616	18,790	37.4%	R.Andoga / T.McClung	Ongoing - work in progress
2018	4031818218	OSIM Bridge and Culvert Inspections - 2018	300,000	136,994	158,605	4,401	98.5%	R.Andoga / T.McClung	Ongoing multi-year project. Technical Study in 2018, ESA in 2019, Design in 2020, Construction in 2022.
2018	4031818219	Structural Investigations and Reports - 2018	400,000	47,921	123,180	228,899	42.8%	R.Andoga / T.McClung	Construction in 2018
2018	4031818296	Bridge 296 - Governors Rd	170,000	20,367	38,079	111,554	34.4%	R.Andoga / T.McClung	Ongoing multi-year project. Design 2018 and Construction 2019.
2018	4031818313	Bridge 313 - Arkledun Ave	350,000	41,931	-	308,069	12.0%	R.Andoga / T.McClung	Ongoing multi-year project. Design funding in 2018, however design will start in 2019 due to delays with hydraulic study. Construction in 2022.
2018	4031818366	Bridge 366 - Mud St W	100,000	11,980	38,415	49,605	50.4%	R.Andoga / T.McClung	Ongoing multi-year project. Design/ESA in 2018, Construction in 2020.
2018	4031818404	Bridge 404 - Harrison Rd	170,000	20,367	-	149,633	12.0%	R.Andoga / T.McClung	Ongoing - multi-year project. Design in 2018 and Construction 2020.
2018	4031818407	Bridge 407 - Queenston Rd	130,000	16,671	16,350	96,979	25.4%	R.Andoga / T.McClung	Ongoing - multi-year project. Design in 2018 and Construction 2019.
2018	4031818437	Bridge 437 - Miles Rd	130,000	15,574	7,616	106,810	17.8%	R.Andoga / T.McClung	Ongoing - multi-year project. Design in 2018 and Construction 2020
2018	4031818441	Bridge 441 - Harrison Rd	100,000	23,312	23,513	53,175	46.8%	R.Andoga / T.McClung	3 of 5 project awarded. Remaining two are design only in 2018.

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2018	4031818444	Bridge 444 - Guyatt Rd	130,000	15,574	13,539	100,887	22.4%	R.Andoga / T.McClung	Funding for design and utility relocation. Any unspent surplus to be carried over to 2019 construction.
2018	4031819101	Road Reconstruction Program - 2018	3,300,000	1,877,671	942,592	479,737	85.5%	R.Andoga / A.Jazvac	Funding for design and utility relocation. Any unspent surplus to be carried over to 2019 construction.
2018	4031819104	Hewitson - Dupont to Barton	300,000	4	13,472	286,524	4.5%	R.Andoga / A.Jazvac	area rating funds to be allocated at a later date
2018	4031849555	QA-QC Service Contract - 2018	150,000	64,912	69,147	15,941	89.4%	Oddi/McNab	Ongoing - work in progress
2018	4031855556	Mapping Update - 2018	40,000	4,792	22,500	12,708	68.2%	D.Lamont	Ongoing - work in progress. Anticipated 100% spent/committed by year end 2018.
2018	4041810017	Street Lighting Capital Program - 2018	420,000	11,458	149,788	258,754	38.4%	D.Lamont	On-going - funding allocated to PW capital construction projects
2018	4241809203*	Road Surface Treatment	600,000	-	-	600,000	0.0%	R.Andoga / A.Jazvac	Area rating funds to be allocated at a later date.
2018	4241809402*	AR - Barnaby Corbett etc.	1,360,000	665,672	174,500	519,828	61.8%	M.Oddi	Construction ongoing. \$260k area rating surplus as a result of favourable tender.
2018	4241809501*	AR - Dumbarton - Rosedale	300,000	177,462	100,072	22,466	92.5%	M.Oddi	Complete - pending final review/audit/payment. \$21k area rating surplus as a result of favourable tender.
2018	4241809502*	AR - Bow Valley Drive	670,000	242,593	162,518	264,889	60.5%	M.Oddi	Construction ongoing. \$260k area rating surplus as a result of favourable tender.
2018	4241809503*	Ward 5 Rehabilitation and Repaving	430,000	247,603	106,680	75,717	82.4%	M.Oddi	Complete - pending final review/audit/payment (Vincent North/Davis Creek)
2018	4241809601*	AR - Fennell - Sherman to Gage	800,000	449,534	349,167	1,299	99.8%	M.Oddi	Construction ongoing
2018	4241809604*	AR-Up Gage - 7th to Concession	1,010,000	593,906	409,299	6,795	99.3%	M.Oddi	Construction ongoing
2018	4241809701*	AR-Mall - private rd to Mohawk	350,000	5,416	280,940	63,644	81.8%	M.Oddi	Construction ongoing. \$260k area rating surplus as a result of favourable tender.
2018	4241809702*	AR - Thorner Neighbrhd (North)	1,000,000	873	796,391	202,736	79.7%	M.Oddi	Construction ongoing. \$189k area rating surplus as a result of favourable tender.
2018	4241809703*	AR- Viceroy - Callie northerly	200,000	120	168,267	31,613	84.2%	R.Andoga / A.Jazvac	pending final audit, upon completion of construction, funding to be returned to the area rating reserve.
2018	4241809703*	AR- Viceroy - Callie northerly	200,000	120	168,267	31,613	84.2%	M.Oddi	Construction ongoing. \$260k area rating surplus as a result of favourable tender.
2018	4241809705*	Upper Sherman Resurfacing	1,370,000	-	110,000	1,260,000	8.0%	M.Oddi	Complete - pending final review/audit/payment. \$1.26m surplus to be returned to Area Rating reserve.
<b>Total Roads - Engineering Services</b>			<b>215,583,133</b>	<b>142,301,446</b>	<b>29,746,407</b>	<b>43,535,280</b>	<b>79.8%</b>		

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<b>Roads - Operations &amp; Maintenance</b>									
2014	4031441460	Salt/Sand Storage Rehab	400,000	352,793	37,207	10,000	97.5%	E.Soldo	Anticipate 100% spent/committed Q4 2018
2015	4031541910	Snow Disposal Facility	2,085,000	352,466	128,891	1,603,643	23.1%	E.Soldo	North end land acquisition with Portfolio Mgmt Group
2015	4041511351	Roads - Alleyway Rehabilitation - 2015	41,000	1,288	12,130	27,582	32.7%	E.Soldo	Complete - Close once commitments are paid/cleared
2016	4031618217	Bridge & Culvert Maintenance - 2016	2,388,000	2,209,786	175,130	3,084	99.9%	E.Soldo	Bridge 344/457/128- related rehab/maintenance and inspections. Anticipate completion mid 2019
2016	4031641762	Yard Facility Maintenance & Improvement Program - 2016	294,000	251,042	41,477	1,482	99.5%	E.Soldo	Anticipate 100% spent/committed Q4 2018
2016	4031651410	Roads Small Equip Purchase - 2016	147,002	110,608	36,477	(82)	100.1%	E.Soldo	Complete - Close once commitments are paid/cleared
2016	4031651620	Road O&M Fleet Replacement	1,000,000	842,828	-	157,172	84.3%	E.Soldo	Anticipate 100% spent Q4- 2018
2017	4031710005	Major Road Maintenance Program - 2017	1,000,000	790,135	190,671	19,194	98.1%	E.Soldo	Anticipate 100% committed/spent Q4-2018
2017	4031710012	Railway Roadway Crossings Rehab Program - 2017	150,000	10,476	-	139,524	7.0%	E.Soldo	Kenora crossing subject to CN rail scheduling.
2017	4031717241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2017	210,000	55,515	32,755	121,730	42.0%	E.Soldo	Anticipate 100% spent/committed Q4-2018
2017	4031717677	Preventative Maintenance Program - 2017	2,700,000	2,366,729	329,532	3,739	99.9%	E.Soldo	Anticipate 100% spent Q4-2018
2017	4031718217	Bridge & Culvert Maintenance - 2017	2,000,000	1,376,333	611,892	11,775	99.4%	E.Soldo	Anticipate 100% committed Q4 2018
2017	4031721350	Fleet Additions - Roads O&M - 2017	230,000	123,652	857	105,491	54.1%	E.Soldo	Anticipate 100% spent/committed Q4-2018
2017	4031741760	Chedoke Yard Salt Dome	91,000	80,034	9,680	1,285	98.6%	E.Soldo	Anticipate 100% spent Q4-2018
2017	4031741762	Yard Facility Maintenance & Improvement Program - 2017	150,000	88,271	65,659	(3,930)	102.6%	E.Soldo	Anticipate 100% spent/committed Q4 2018

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2017	4031751410	Roads Small Equip Purchase - 2017	50,000	30,247	19,753	-	100.0%	E.Soldo	Complete - Close once commitments are paid/cleared
2017	4041710004	Escarpment Slope Stabilization Program - 2017	694,000	673,173	5,148	15,680	97.7%	E.Soldo	Work completed, awaiting invoicing.
2017	4041710417	Retaining Wall Rehabilitation - 2017	700,000	565,674	132,641	1,686	99.8%	E.Soldo	Anticipate spent/committed Q4 2018
2017	4041757722	Road Operations - GPS/AVL Service	470,000	363,777	25,670	80,553	82.9%	E.Soldo	Anticipate 100% spent Q2- 2019
2017	4041757723	CMMS Mobile Application	360,000	91,891	174,348	93,761	74.0%	E.Soldo	PO commitment Q2-2018 - anticipated implementation Q2-2019
2017	4241709104*	W1 Sidewalk Repairs	100,000	77,905	21,713	382	99.6%	E.Soldo	Anticipate spent/committed Q4 2018
2017	4241709504*	2017 Mountable Curbs (Ward 5)	200,000	173,160	14,741	12,099	94.0%	E.Soldo	Complete - Close once commitments are paid/cleared
2018	4031810005	Major Road Maintenance Program - 2018	1,000,000	13,944	969,754	16,303	98.4%	E.Soldo	Works in progress
2018	4031810012	Railway Roadway Crossings Rehab Program - 2018	150,000	5,832	-	144,168	3.9%	E.Soldo	Ottawa ST crossing subject to SOR scheduling
2018	4031811224	Sidewalk Rehabilitation Program - 2018	703,300	423,535	281,910	(2,145)	100.3%	E.Soldo	Anticipate 100% spent/committed by Q4 - 2018
2018	4031811814	NBHD RD Priorities W14	900,000	83,771	806,239	9,990	98.9%	E.Soldo	Concession 5 & Greensville area - construction ongoing. Anticipated completion Q4 2018
2018	4031817241	Fencing/Sound Barrier Rehab/Replace within Road Allowance - 2018	150,000	-	13,750	136,250	9.2%	E.Soldo	Works in progress
2018	4031817677	Preventative Maintenance Program - 2018	2,790,000	807,071	1,672,723	310,205	88.9%	E.Soldo	Works in progress
2018	4031818217	Bridge & Culvert Maintenance - 2018	2,000,000	71,163	1,169,449	759,388	62.0%	E.Soldo	2018 Project - PO commitments for bridge #'s 235/080/215/458
2018	4031821350	Fleet Additions - Roads O&M - 2018	300,000	7,244	-	292,756	2.4%	E.Soldo	Work in progress
2018	4031841762	Yard Facility Maintenance & Improvement Program - 2018	117,000	4,376	91,850	20,774	82.2%	E.Soldo	Anticipate 100% spent/committed Q4 2018

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2018	4031851410	Roads Small Equip Purchase - 2018	50,000	12,203	-	37,797	24.4%	E.Soldo	Work in progress
2018	4041810004	Escarpment Slope Stabilization Program - 2018	1,000,000	241,862	756,700	1,438	99.9%	E.Soldo	Work in progress
2018	4041810417	Retaining Wall Rehabilitation - 2018	880,000	555,808	146,720	177,472	79.8%	E.Soldo	Works in progress
2018	4041811351	Roads - Alleyway Rehabilitation - 2018	100,000	-	-	100,000	0.0%	E.Soldo	No requests to date
2018	4041817384	Guide Rail Replacement Program - 2018	410,000	1,984	-	408,016	0.5%	E.Soldo	Anticipate spent/committed Q4 2018
2018	4241809101*	Ward 1 Road Repair & Rehab	1,617,000	-	-	1,617,000	0.0%	E.Soldo	100% of these funds are being used to WIP Fund 2019 Asset Preservation - Westdale South Neighbourhood (North Section).
2018	4241809207*	Laneway/Alleyway Maintenance	30,000	5,540	-	24,460	18.5%	E.Soldo	2018 councillor funded project - Ward 2 - Roads North works performed as requested.
2018	4241809407*	Ward 4 Sidewalks	100,000	21,368	4,002	74,630	25.4%	E.Soldo	Anticipate 100% spent/committed by Q1 - 2019
2018	4241809505*	W5 Sidewalks & Mountable Curbs	411,000	218,221	145,554	47,225	88.5%	E.Soldo	Anticipate spent/committed Q4 2018
2018	4241809802*	Sidewalks-Mountable Curbs W8	215,000	-	213,270	1,730	99.2%	E.Soldo	Anticipate spent/committed Q4 2018
<b>Total Roads - O&amp;M</b>			<b>28,383,302</b>	<b>13,461,705</b>	<b>8,338,289</b>	<b>6,583,308</b>	<b>76.8%</b>		

**Roads - Traffic Operations**

2013	4241309302*	Ward 3 Speed Humps	75,000	37,109	-	37,891	49.5%	M.White / K.Wyskiel	Money to be returned to the Councillor, project complete.
2014	4031420425	HWDSB - Upper Wentworth & Fieldway	250,000	412,801	-	(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	982,250	265,366	52,384	96.0%	M.White / K.Wyskiel	Contractor working as of May 1/18 and will be completed by Sept 2018.
2014	4041416102	Traffic Calming - Various	370,000	349,692	-	20,308	94.5%	M.White / K.Wyskiel	Tender closes May, Construction Q3, Completion Q4
2014	4041420017	Traffic Signal LED Upgrades - 2014	990,000	866,644	-	123,356	87.5%	M.White / K.Wyskiel	\$120k surplus to WIP fund ATMS (4661920001) and then this project can be closed.
2014	4041457411	Video Detection and Intelligent Transportation System	1,096,000	860,041	238,202	(2,243)	100.2%	M.White / K.Wyskiel	Account can be closed.
2014	4241409106*	W1 Calming Strip & Speed Bumps etc.	200,000	63,979	-	136,021	32.0%	M.White / K.Wyskiel	Safety group is working in consultation with Councillor. Permanent traffic calming installations are being installed.

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2015	4031555215	Highway 403 Ramp Studies	951,440	50,832	22,913	877,695	7.8%	M.White / K.Wyskiel	\$560K being used to WIP fund 2019 Traffic Signal Modernization & Upgrades Program (4661920010) & \$290 for 2019 Traffic Controller Replacement Program (4661920019).
2015	4041514009	New Traffic Signal - Mall Rd (395 Mohawk Rd E)	160,000	-	-	160,000	0.0%	M.White / K.Wyskiel	Design is complete, waiting on Hamilton Housing before beginning construction.
2015	4041514011	New Traffic Signal - Parkside and Hollybush	500,000	60,614	40,034	399,352	20.1%	M.White / K.Wyskiel	Parkside and Hollybush, Parkside @ Braeheid not complete will be funded from this account, completion Q3 2018.
2015	4041514012	New Traffic Signal - Fifty & South Service Rd (Walmart)	500,000	64,324	-	435,676	12.9%	M.White / K.Wyskiel	Close once cost recovery from Walmart received. \$435k surplus.
2015	4041520525	IPS - Intersection Pedestrian Signal - 2015	597,000	173,268	-	423,732	29.0%	M.White / K.Wyskiel	\$100k surplus to WIP fund 2019 IPS (4661920525), remaining funds to pay for Main & Parkside which is delayed due to construction section.
2015	4041520540	Traffic Signal Modernization Coordinated with ESI - 2015	1,046,000	627,496	-	418,504	60.0%	M.White / K.Wyskiel	\$415k surplus to WIP fund 2019 Signal Modernization (4661920540) and then this project can be closed.
2015	4241509108*	Road Work - Aberdeen from Queen	80,000	18,498	-	61,502	23.1%	M.White / K.Wyskiel	Transportation Master Plan present to Council in June 2018. Pending outcome, the Roster assignment to review Aberdeen can be initiated in Q3 2018 with a completion of Q1 2019.
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. - Kenilworth - Barton to Main
2016	4031615820	Traffic Counts Program - 2016	150,000	57,110	38,363	54,527	63.6%	M.White / K.Wyskiel	Program transferred from Corridor Management - ongoing work in progress
2016	4031655642	Victoria - 2-way Conversion	360,000	18,742	73,732	267,525	25.7%	M.White / K.Wyskiel	Ongoing - work in progress
2016	4031655643	Area Specific TM Plans	564,970	82,346	72,082	410,542	27.3%	M.White / K.Wyskiel	Funds to be used for studies and plans related to Aberdeen, Kenilworth, Queen and Victoria
2016	4241609106*	Westdale Streets Master Plan	150,000	14,551	130,193	5,256	96.5%	M.White / K.Wyskiel	Analysis is underway to determine areas to cover.
2016	4241609107*	Ainslie Wood St Master Plan	150,000	18,718	133,199	(1,917)	101.3%	M.White / K.Wyskiel	Study underway with anticipated final report in Q1 2019
2016	4241609213*	James St Pedestrian Crossover	50,000	-	40,565	9,435	81.1%	M.White / K.Wyskiel	James @ Mulberry - contract tender closed May. Construction Q3, Completion Q4 2018.

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2016	4241609217*	Pedestrian Crossover Charlton	5,000	-	-	5,000	0.0%	M.White / K.Wyskiel	Construction underway, billing not processed.
2016	4241609219*	Pedestrian Crossover Hunter	5,000	-	-	5,000	0.0%	M.White / K.Wyskiel	Construction underway, billing not processed.
2016	4241609220*	Pedestrian Crossover Herkimer	5,000	-	-	5,000	0.0%	M.White / K.Wyskiel	Construction underway, billing not processed.
2016	4241609222*	Pedestrian Crossover Augusta	5,000	-	-	5,000	0.0%	M.White / K.Wyskiel	Return funds to Councillor.
2016	4241609226*	Stinson Wellington Intersection	5,000	17,492	-	(12,492)	349.8%	M.White / K.Wyskiel	Project overbudget funds to be recovered from Councillor maintenance account
2016	4661620008	New Traffic Signal Installation Program - 2016	2,380,000	654,735	74,425	1,650,841	30.6%	M.White / K.Wyskiel	\$600k surplus to WIP fund 2019 New Signal Installation (4661920008) and \$530k to WIP fund 2019 ATMS (4661920001). Balance is DC funding to be returned to DC reserve once project is closed.
2016	4661620017	Traffic Signal LED Upgrades - 2016	400,000	73,849	-	326,151	18.5%	M.White / K.Wyskiel	\$150k surplus to WIP fund 2019 Traffic Signal LED (4661920017) and \$175k to fund ATMS 2019 and then this project can be closed.
2016	4661620019	Traffic Controller Replacement - 2016	600,000	225,696	-	374,304	37.6%	M.White / K.Wyskiel	Contract tendered, currently testing, field work has begun.
2016	4661620053	New Traffic Signal - Rymal @ Second	150,000	-	-	150,000	0.0%	M.White / K.Wyskiel	Temporary Signal installed. This is to fund permanent signal once road widening is completed in 2020.
2016	4661620525	IPS - Intersection Pedestrian Signal - 2016	550,000	144,414	32,146	373,440	32.1%	M.White / K.Wyskiel	\$150k surplus to WIP fund 2019 APS (4661920531), balance to pay for Parkside @ Cole. Parkside @ Cole to be completed, delayed due to construction section.
2016	4661620540	Traffic Signal Modernization Coordinated with ESI - 2016	1,230,000	668,699	19,452	541,848	55.9%	M.White / K.Wyskiel	Queenston resurfacing, Resurfacing Mohawk Upper Gage to Upper Ottawa, Resurfacing Upper Sherman to Upper Gage projects not completed yet
2016	4661620550	Hwy 6 Signal - Conc 5 & Hwy 6	1,500,000	-	-	1,500,000	0.0%	M.White / K.Wyskiel	\$1,260k being used to WIP Fund 2019 ATMS - Advanced Traffic Management System (4661620550) and \$240 to fund Traffic Signal Modernization & Upgrades (4661920010).
2016	4661620630	Two Way Road Conversion	1,130,000	232,290	7,014	890,695	21.2%	M.White / K.Wyskiel	Two way conversions progressing as per approved schedule
2017	4031710715	Railway Crossings - Review and Upgrades	1,063,000	45,538	53,640	963,822	9.3%	M.White / K.Wyskiel	Studies to be completed Q3-2018.
2017	4031720722	North End Traffic Management Plan (NETMP) Study	200,000	99,693	38,196	62,111	68.9%	M.White / K.Wyskiel	Contractor working as of May 1/18 and will be completed by Sept 2018
2017	4031780180	Mohawk - Wilson to Hwy 403	150,000	8,531	141,291	178	99.9%	M.White / K.Wyskiel	Study underway with an anticipated final report in Q1 2019

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2017	4661720001	ATMS - Advanced Traffic Management System - 2017	2,910,000	779,271	1,708,472	422,258	85.5%	M.White / K.Wyskiel	Funds to be utilized by Q4 2018.
2017	4661720008	New Traffic Signal Installation Program - 2017	750,000	578,272	81,635	90,093	88.0%	M.White / K.Wyskiel	\$45k surplus to WIP fund 2019 Signal Installation (4661920008) and then this project can be closed.
2017	4661720010	Traffic Signal Modernization & Upgrades Program - 2017	800,000	636,715	53,620	109,666	86.3%	M.White / K.Wyskiel	Airport & Upper James not completed yet estimated cost is 250k
2017	4661720017	Traffic Signal LED Upgrades - 2017	100,000	1,526	-	98,474	1.5%	M.White / K.Wyskiel	\$95k surplus to WIP fund 2019 ATMS (4661920001) and then this project can be closed.
2017	4661720019	Traffic Controller Replacement - 2017	150,000	-	-	150,000	0.0%	M.White / K.Wyskiel	Contract tendered, currently testing, field work has begun.
2017	4661720522	Traffic Engineering - Signal Design - 2017	200,000	34,954	161,011	4,035	98.0%	M.White / K.Wyskiel	\$115k surplus to WIP fund 2019 Signal Design work (4661920522) and then this project can be closed.
2017	4661720525	IPS - Intersection Pedestrian Signal - 2017	250,000	169,528	7,152	73,320	70.7%	M.White / K.Wyskiel	\$70k surplus to WIP fund 2019 ATMS (4661920001) and then this project can be closed.
2017	4661720531	APS - Accessible Pedestrian Signals - 2017	150,000	31,059	-	118,941	20.7%	M.White / K.Wyskiel	Hatt @ Ogilvie, King @ Market, Barton @ Wentworth - no bases installed, project was delayed due to priority directives, ran out of construction time in 2017, to be completed before the end of the year 2018
2017	4661720540	Traffic Signal Modernization Coordinated with ESI - 2017	750,000	161,139	47,198	541,664	27.8%	M.White / K.Wyskiel	Rymal @ Bishop Ryan Way/Hazelton CPMS 104807 and Rymal at West 5th - CPMS 10480 not completed yet.
2017	4661720720	Annual Plastic Pavement Marking Rehabilitation	100,000	-	-	100,000	0.0%	M.White / K.Wyskiel	Work is contracted out funds to be spent by Q4 2018
2017	4661720721	Pedestrian Crossovers	700,000	291,113	101,466	307,421	56.1%	M.White / K.Wyskiel	Rollout of 2018 underway, 2018 funding included in this account.
2017	4661720722	Overhead Sign Structure	300,000	142,525	2,540	154,935	48.4%	M.White / K.Wyskiel	Repair work to be completed Q4 2018, study completed and tender awarded.
2017	4661720723	Wentworth Trail - Intersection Pedestrian Signal - IPS	300,000	142,743	62,780	94,477	68.5%	M.White / K.Wyskiel	\$90k to WIP fund 2019 ATMS (4661920001) and then this project can be closed.

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2017	4661720725	New Traffic Signal - Upper Sherman @ Acadia Street/Dulgaren	200,000	92,364	-	107,636	46.2%	M.White / K.Wyskiel	Close once \$25k has been recovered from Developer. Sally Yong-Lee investigating.

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2017	4661720726	New Traffic Signal - Dundas @ Evans/Skinner	250,000	-	-	250,000	0.0%	M.White / K.Wyskiel	Still in Design by the Developer, awaiting submission for review and comment prior to proceeding..
2017	4661720727	New Traffic Signal - Dundas @ Avonside	250,000	47,793	-	202,207	19.1%	M.White / K.Wyskiel	Close once \$47k has been recovered from Developer. Sally Yong-Lee investigating.
2017	4661720730	New Traffic Signal - Dundurn @ Chatham	375,000	147,437	4,951	222,612	40.6%	M.White / K.Wyskiel	Close once \$50k has been recovered from Developer. Sally Yong-Lee investigating.
2017	4661720924	Truck Route Master Plan	200,000	-	-	200,000	0.0%	M.White / K.Wyskiel	2018 program underway
2018	4031815820	Traffic Counts Program - 2018	150,000	46,547	51,605	51,848	65.4%	M.White / K.Wyskiel	Purchase order issued, remaining funds to be spent by year end.
2018	4031855815	South Mtn Arterial Study SMATS	150,000	-	-	150,000	0.0%	M.White / K.Wyskiel	2018 program underway
2018	4241809201*	AR-New Signal - John @ Forest	200,000	90,705	47,589	61,706	69.1%	M.White / K.Wyskiel	To be completed Q4 2018.
2018	4241809202*	AR-New Signal- Main & Ferguson	200,000	17,761	156,145	26,094	87.0%	M.White / K.Wyskiel	To be completed Q4 2018.
2018	4241809206*	Corktown Intersection Safety	22,000	4,725	-	17,275	21.5%	M.White / K.Wyskiel	2018 project underway.
2018	4241809605*	East 24th Pedestrian Signal	250,000	-	-	250,000	0.0%	M.White / K.Wyskiel	2018 project underway.
2018	4661820001	ATMS - Advanced Traffic Management System - 2018	790,000	518,665	233,446	37,889	95.2%	M.White / K.Wyskiel	Funds to be utilized by Q4 2018.
2018	4661820008	New Traffic Signal Installation Program - 2018	600,000	65,710	157,338	376,952	37.2%	M.White / K.Wyskiel	2018 Program underway
2018	4661820010	Traffic Signal Modernization & Upgrades Program - 2018	870,000	242,108	419,402	208,490	76.0%	M.White / K.Wyskiel	2018 Program underway
2018	4661820017	Traffic Signal LED Upgrades - 2018	150,000	-	-	150,000	0.0%	M.White / K.Wyskiel	Program completed charges not posted. Total program cost 40k - tender came in lower than anticipated.
2018	4661820019	Traffic Controller Replacement - 2018	600,000	-	-	600,000	0.0%	M.White / K.Wyskiel	Contract tendered, currently testing, field work has begun.
2018	4661820522	Traffic Engineering - Signal Design - 2018	360,000	-	14,725	345,275	4.1%	M.White / K.Wyskiel	2018 program underway
2018	4661820525	IPS - Intersection Pedestrian Signal - 2018	600,000	185,339	46,480	368,181	38.6%	M.White / K.Wyskiel	2018 program underway

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2018	4661820531	APS - Accessible Pedestrian Signals - 2018	150,000	-	149,885	115	99.9%	M.White / K.Wyskiel	2018 program underway
2018	4661820540	Traffic Signal Modernization Coordinated with ESI - 2018	650,000	40,476	170,509	439,015	32.5%	M.White / K.Wyskiel	2018 program underway
2018	4661820720	Annual Plastic Pavement Marking Rehabilitation	200,000	-	-	200,000	0.0%	M.White / K.Wyskiel	Work is contracted out funds to be spent by Q4 2018
2018	4661820810	Queen - Aberdeen to Main Two Way Conversion	1,100,000	18,220	130,573	951,207	13.5%	M.White / K.Wyskiel	design complete in 2018 construction 2019
2018	4661820820	New Traffic Signal - Garner & Raymond	250,000	360	-	249,640	0.1%	M.White / K.Wyskiel	2018 Program underway
2018	4661820821	New Traffic Signal - Drakes @ North S Rd	80,000	-	36,000	44,000	45.0%	M.White / K.Wyskiel	Not built yet.
2018	4661820822	New Traffic Signal - Fifty @ North S Rd	80,000	-	69,377	10,623	86.7%	M.White / K.Wyskiel	Ongoing - work in progress
2018	4661820823	New Traffic Signal - Fruitland@North S R	80,000	-	69,377	10,623	86.7%	M.White / K.Wyskiel	Ongoing - work in progress
2018	4661820828	New Traffic Signal - Dundas @ Riverwalk	250,000	-	-	250,000	0.0%	M.White / K.Wyskiel	Development Related design not submitted.
2018	4661820829	New Traffic Signal - Dundas @ Spring Crk	250,000	-	-	250,000	0.0%	M.White / K.Wyskiel	Development Related design not submitted.
<b>Total Roads - Traffic Operations</b>			<b>35,735,410</b>	<b>11,459,191</b>	<b>5,412,636</b>	<b>18,863,583</b>	<b>47.2%</b>		
<b>Total Public Works - Tax Supported</b>			<b>997,854,418</b>	<b>619,144,856</b>	<b>110,173,070</b>	<b>268,536,491</b>	<b>73.1%</b>		

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			a	b	c	d	e		

**CAPITAL DELIVERY SECTION**

**Water Rates**

2010	5141061303	Valve Chamber No 3 First-Isaac	2,790,000	2,560,506	33,747	195,747	93.0%	S.Leitch	STATUS: Work Completed (Valve Chamber No. 3 Upgrades). NEXT STEPS: Roster Request for Design (SCADA Components - Valve Chamber 3) Q4 2018.
2011	5141166110	WTP - Process Upgrades	14,660,000	2,171,334	26,241,871	(13,753,204)	193.8%	S.Leitch	STATUS: Work in Progress - Construction (Process Upgrades - Phase 1). NEXT STEPS: Substantial Performance Q4 2021. Negative balance due to budgets being approved on a cash flow basis by Finance (\$142M future budgets approved, 2019 - 2028).
2012	5141267270	Water Control Valve Upgrades	4,060,000	2,001,020	466,266	1,592,715	60.8%	S.Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2019. WIP Fund Projectid 5141666608 by \$1,200,000 through 2019 Rates
2012	5141267272	Hillcrest Reservoir - HDR02	12,200,000	10,738,616	1,272,367	189,017	98.5%	S.Leitch	STATUS: Substantially Performed (Hillcrest Reservoir Upgrades). Work in Progress - Construction (Security Gate). NEXT STEPS: Q4 2018 Completion. WIP Fund Projectid 5141666608 by \$1,000,000 through 2019 Rates Budget.
2012	5141267274	Kenilworth PS - HD005 Upgrades	3,025,000	515,834	418,415	2,090,751	30.9%	S.Leitch	STATUS: Work in Progress - Design (4 Contractors Prequalified for Construction - Pump Station) & Construction (Valve Replacement). NEXT STEPS: Tender for Construction (Pump Station) Q4 2018 & Substantial Performance Q3 2019 (Valve Replacement).
2012	5141267275	SC Water Outstations Upgrade	4,390,000	3,763,699	-	626,301	85.7%	S.Leitch	STATUS: Work Completed (Greenhill Reservoir, Stoney Creek Outstations - Phase 1). NEXT STEPS: Account to be closed. WIP Fund Projectid 5141967375 by \$500,000 through 2019 Rates Budget for Phase 2 Design & Construction.
2012	5141269250	HVAC Upgrade New Lab & Admin	5,620,000	952,920	141,669	4,525,411	19.5%	S.Leitch	STATUS: Work in Progress - Design. New Lab Extension cancelled. NEXT STEPS: Request for Prequalified Contractors for Construction Q3 2019.
2013	5141395353	Ferguson HD002 Pumping Stn	2,270,000	324,201	35,579	1,910,220	15.8%	S.Leitch	STATUS: Work in Progress - Condition Assessment (HD0X2 Old Ferguson Water Pumping Station). NEXT STEPS: Request for Proposals for Design - New Ferguson PS (Phase 2 Upgrades) Q4
2015	5141567520	HDR05 Reservoir Upgrades	4,192,000	311,792	327,397	3,552,811	15.2%	S.Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q1 2019.
2015	5141567525	HDR08 Reservoir Decommission	520,000	337,884	107,369	74,747	85.6%	S.Leitch	STATUS: Work Completed. NEXT STEPS: Account to be closed once outstanding purchase orders have been closed.
2015	5141567574	HDR01 Reservoir Upgrades	550,000	7,533	26,900	515,567	6.3%	S.Leitch	STATUS: Work Completed - Condition Assessment and Scope Verification. NEXT STEPS: Account to be closed. WIP Fund Projectid 5141967375 by \$500,000 through 2019 Rates Budget for the Kenilworth Reservoir (HDR01) West Cell Roof Repairs.

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2015	5141567575	High Lift PS Upgrades Phase 2	880,000	252,176	142,386	485,438	44.8%	S.Leitch	STATUS: Work Complete - Field Study (HLPS Power Distribution & Protection Setup). NEXT STEPS: Construction - Power Distribution (Recommissioning) Q4 2018.
2015	5141567577	Security - Water PS Facilities	5,600,000	292,398	2,272,282	3,035,320	45.8%	S.Leitch	STATUS: Work in Progress - Construction (Physical Security - Fencing). NEXT STEPS: Substantial Performance Q1 2019 (Physical Security - Fencing). Request for Proposals 2019 (Electronic Security)
2016	5141666608	Lynden Additional Water Supply	4,570,000	466,418	336,578	3,767,004	17.6%	S.Leitch	STATUS: Work in Progress - Design (Evaluating Applications from 6 Prequalified Contractors for Construction). NEXT STEPS: Tender for Construction Q4 2018.
2016	5141666110	WTP - Corrosion Control	7,660,000	4,762,319	2,422,948	474,733	93.8%	S.Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2018.
2016	5141666515	WTP - Surge Tower Upgrades	480,000	104,262	-	375,738	21.7%	S.Leitch	STATUS: Immediate Work Completed. Major Upgrades deferred until after Woodward Process Upgrades Phase 1 has been completed. NEXT STEPS: Account to be closed. WIP Fund Projectid 5141666608 by \$500,000 through 2019 Rates Budget.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	2,590,000	193,818	429,896	1,966,286	24.1%	S.Leitch	STATUS: Work in Progress - Design (Request for Prequalified Contractors Open for Submissions). NEXT STEPS: Tender for Construction Q4 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 Q3 2019.
2016	5141667422	Osler Road HD011 WPS	2,289,000	247,424	361,203	1,680,373	26.6%	S.Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q3 2019.
2016	5141667424	Freelton Tower HDT03 Upgrades	3,600,000	1,411,767	905,750	1,282,484	64.4%	S.Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q4 2018.
2016	5141695883	York & Valley HD016 WPS (W-26)	3,710,000	58,671	-	3,651,329	1.6%	S.Leitch	STATUS: Work Completed - Conceptual Review. NEXT STEPS: Request for Proposals for Design Q1 2019.
2017	5141766421	WTP Fluoride Building HVAC	470,000	6,995	-	463,005	1.5%	S.Leitch	STATUS: Work Completed - Air Quality Study. NEXT STEPS: Scope Verification Q4 2018
2017	5141767420	Carlisle Well Stn Sys Enhance	940,000	18,843	-	921,157	2.0%	S.Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q4 2018.
2017	5141767650	New Greensville Communal Well	500,000	62,566	30,576	406,858	18.6%	S.Leitch	STATUS: Awaiting completion of Schedule C EA for the Greensville New Well. NEXT STEPS: Issue Project Charter Q3 2019.
2017	5141795850	Greenhill PS HD04B & HD05A	8,270,000	124,500	65,871	8,079,629	2.3%	S.Leitch	STATUS: Work in Progress - Design (Immediate Needs). Request for Prequalified Contractors for Construction (Immediate Needs) is Open for Submissions. NEXT STEPS: Tender for Construction (Immediate Needs) Q4 2018.
2018	5141867651	HD007 Highland Rd Reservoir	260,000	-	-	260,000	0.0%	S.Leitch	STATUS: Timing of this project is aligned with the Reservoir Capital Coordination Schedule. NEXT STEPS: Issue Project Charter Q1 2019.
<b>Sub-Total Capital Delivery - Water</b>			<b>102,136,000</b>	<b>31,692,605</b>	<b>36,039,067</b>	<b>34,404,328</b>	<b>66.3%</b>		

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**Wastewater - Rates**

2007	5160795760	Southcote PS&Forcemain-HC008	5,512,100	2,944,350	209,632	2,358,118	57.2%	S.Leitch	STATUS: Work Completed (Forcemain & Pumping Station). NEXT STEPS: Completion Q4 2018 (minor electrical work).
2009	5160966912	Decommission Waterdown WWTP-WW08	6,000,000	684,792	86,460	5,228,749	12.9%	S.Leitch	STATUS: Work in Progress - Design (7 Contractors Prequalified for Construction). NEXT STEPS: Tender for Construction Q4 2018.
2010	5161066065	Waste Hauler Receiving Station	2,789,800	549,436	2,167,429	72,935	97.4%	S.Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2019.
2012	5161266213	Dundas WWTP Improvements	1,420,200	423,655	-	996,545	29.8%	S.Leitch	STATUS: On Hold - Exploring Funding Opportunities. Work Completed - Feasibility Study (Dundas WWTP outfall extension) & Asset Replacement Study. NEXT STEPS: Request for Proposals for Process Technology Pilot Study / Design in 2019.
2012	5161267270	Ancaster WW Outstations	6,310,000	3,730,984	562,856	2,016,159	68.0%	S.Leitch	STATUS: Substantially Performed (HC009, HC013). Work in Progress - Design (HC005). NEXT STEPS: Request for Prequalified Contractors Q1 2019 (HC005).
2012	5161267273	Dundas WW Outstations	2,730,000	1,166,043	120,158	1,443,799	47.1%	S.Leitch	STATUS: Substantially Performed (DC005, DC006). Work Completed - Scope Verification (DC010). NEXT STEPS: Request for Proposals for Design (DC010) Q4 2018.
2013	5161367360	Cormorant & Osprey (HC014)	4,610,000	3,875,305	425,059	309,635	93.3%	S.Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2019.
2013	5161367374	Waterdown Outstation Upgrades	3,420,000	3,219,184	131,422	69,393	98.0%	S.Leitch	STATUS: Substantially Performed (DC013, FC003). NEXT STEPS : Account to be closed once deficiencies and finishing work have been completed Q4 2018.
2014	5161467756	Greenhill & Cochrane HCS01	1,990,000	203,083	-	1,786,917	10.2%	S.Leitch	STATUS: Work Completed - Life Cycle Analysis. NEXT STEPS: Issue Project Charter Q4 2018.
2015	5161595858	Binbrook PS Upgrade (WW-20)	6,280,000	1,114,237	3,771,250	1,394,513	77.8%	S.Leitch	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q3 2019.
2016	5161667622	FC001 DC009 HC011 Upgrades	2,140,000	97,182	111,373	1,931,445	9.7%	S.Leitch	STATUS: Work in Progress - Design (FC001, DC009). Evaluating Proposals for Design from 9 Consulting Engineers (HC011). NEXT STEPS: Request for Prequalified Contractors for Construction Q4 2018 (FC001, DC009). Award Design Q4 2018 (HC011).
2017	5161766421	WWTP Methane Sphere Upgrades	4,400,000	3,177,856	843,351	378,792	91.4%	S.Leitch	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q3 2019.
2017	5161767420	Parkdale Av HC001 WW Statn Upg	660,000	-	-	660,000	0.0%	S.Leitch	STATUS: Work in Progress - Scope Verification. NEXT STEPS: Request for Proposals for Design Q4 2018.

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			a	b	c	d	e		
2017	5161796786	First Street PS Upgrade DC014	3,450,000	71,818	572,556	2,805,626	18.7%	S.Leitch	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors for Construction Q2 2019.
2020	5162068851	Pier 25 Dredging - Windermere	170,000	-	-	170,000	0.0%	S.Leitch	STATUS: Developing Roster Invitation (Feasibility Study to determine potential locations for Silt Disposal). NEXT STEPS: Award Feasibility Study Q1 2019.
<b>Sub-Total Capital Delivery - Wastewater</b>			<b>51,882,100</b>	<b>21,257,926</b>	<b>9,001,546</b>	<b>21,622,627</b>	<b>58.3%</b>		
<b>TOTAL CAPITAL DELIVERY SECTION</b>			<b>154,018,100</b>	<b>52,950,532</b>	<b>45,040,613</b>	<b>56,026,955</b>	<b>63.6%</b>		

**INFRASTRUCTURE PLANNING & SYSTEMS DESIGN**

**Water - Rates**

2011	5141167150	Greensville New Well – EA	720,000	1,327,085	22,337	(629,422)	187.4%	B.Posedowski	STATUS: Work Completed - Pumping Test and Hydrogeologic investigation, Greensville Subwatershed Study Report. Work in Progress - New Greensville Municipal Well Schedule C EA. NEXT STEPS: Completion of EA Q2 2019.
2013	5141395354	PD18 Elevated Reservoir W14	2,610,000	344,099	33,935	2,231,966	14.5%	B.Posedowski	STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Completion of EA is Q2 2019. Land Purchase is in the Critical Path.
2014	5141495551	PD7 Elevated Reservoir W-23	1,990,000	94,106	52,529	1,843,365	7.4%	B.Posedowski	STATUS: Work in Progress - EA & Conceptual Design of PD7 Elevated Tower / Reservoir & New Pumping Station. NEXT STEPS: EA Completion Q1 2019.
2015	5141555010	Water Systems Planning	450,000	331,107	91,473	27,420	93.9%	B.Posedowski	STATUS: Work in Progress - Servicing alternatives for Ancaster, Screening of Development Applications, Pressure District Boundary Condition Characterization. NEXT STEPS: Completion Q2 2019.
2015	5141567273	HD17A PS Replace Decommission	1,930,000	4,047	-	1,925,953	0.2%	B.Posedowski	NEXT STEPS: Issue Project Charter Q4 2018.
2015	5141555264	City-Wide Water MP	550,000	61,557	499,252	(10,809)	102.0%	B.Posedowski	STATUS: Work in Progress - Citywide Water Wastewater Storm Master Plan. NEXT STEPS: Completion Q2 2020.
2015	5141555555	City Wide Groundwater Model	710,000	353,279	88,177	268,544	62.2%	B.Posedowski	STATUS: Work in Progress - Vulnerability Mapping for Rural Development, Delineation of Lynden Wellhead Protection Areas. NEXT STEPS: Freulton Wellhead Protection Area Delineation Q4 2018.
2015	5141564533	Up Wentworth - Hydro to Twenty	200,000	12,638	-	187,362	6.3%	B.Posedowski	STATUS: On Hold. NEXT STEPS: City Wide Water and Wastewater Master Plan will dictate whether this is required.
2015	5141595553	HD12A PS Upgrades (W-04)	720,000	152,717	45,380	521,904	27.5%	B.Posedowski	STATUS: Work Completed - Land Acquisition and Phase One & Two Environmental Site Assessment (ESA) & pre-demolition Designated Substances / Hazardous Materials Survey. Work in Progress - Class EA. NEXT STEPS: Completion of EA Q4 2018.



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2015	5161555955	Inflow & Infiltration	474,000	360,598	98,803	14,599	96.9%	B.Posedowski	STATUS: Work in Progress - HC058 Capacity Analysis and Wet Weather Relief Class EA, West Mountain Flow Monitoring & West 18th, Riverdale East Flooding. NEXT STEPS: Completion Q4 2018.
2015	5161557545	Wastewater Computer Model	550,000	144,786	357,803	47,411	91.4%	B.Posedowski	STATUS: Work in Progress - Rain Gauges Flow Monitoring Services, Hydrologic-hydraulic model for the storm sewer systems of Phase 1 Hamilton Mountain Areas (Ancaster). NEXT STEPS: Completion Q4 2020.
2015	5161567564	HC005 - Schedule C EA	990,000	229,308	149,569	611,124	38.3%	B.Posedowski	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q2 2019. Detailed Design to follow.
2016	5161655350	Riverdale Flood Relief EA	220,000	4,247	-	215,753	1.9%	B.Posedowski	STATUS: Work in Progress - Riverdale East and Surrounding Neighbourhood Flooding Remedial Measures & Conceptual Design . NEXT STEPS: Conceptual Design Completion Q2 2019. Detailed Design to follow.
2016	5161655351	Lawfield & Berrisfield Area	185,000	223,536	-	(38,536)	120.8%	B.Posedowski	STATUS: Work Completed - Smoke Testing, Manhole Inspection, Conceptual Design of Neighbourhood I/I Reduction. NEXT STEPS: Consultation with HW Sr Management to decide which solution to pursue. Community Outreach and Education to follow.
2016	5161661434	Upsize Wilson Street Forcemain	100,000	4,875	-	95,125	4.9%	B.Posedowski	NEXT STEPS: Issue Project Charter Q4 2018.
2016	5161667421	New Haulage Receiving Station	1,140,000	139,588	87,157	913,255	19.9%	B.Posedowski	STATUS: Work in Progress - Class EA and Conceptual Design. NEXT STEPS: EA Completion Q2 2019. Land Purchase & Detailed Design to follow.
2016	5161695747	Battlefield Trunk Sewer WW-33	1,650,000	124,279	-	1,525,721	7.5%	B.Posedowski	STATUS: Scope and timing to be confirmed in Citywide Master Plan. NEXT STEPS: Detailed Design by Engineering Services to follow.
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	2,750,000	298,230	5,025	2,446,745	11.0%	B.Posedowski	STATUS: Work Completed - Economic Analysis and Feasibility study to support the Conceptual Design Implementation. NEXT STEPS: Detailed Design.
2017	5161755955	Inflow & Infiltration	300,000	184,445	39,212	76,343	74.6%	B.Posedowski	STATUS: Work in Progress - Glen Road Inspection and Monitoring/ Aberdeen CSO Monitoring. NEXT STEPS: Completion Q4 2018.
2017	5161757420	SCADA Rain Gauges	50,000	-	-	50,000	0.0%	B.Posedowski	NEXT STEPS: Issue Project Charter Q4 2018.
2017	5161767752	WW Outstn Insp -Asset Mgm Prog	220,000	53,593	13,591	152,816	30.5%	B.Posedowski	STATUS: Work in Progress - Energy Audit (of HW facilities - Phase II). Pilot Study - Asset Management. NEXT STEPS: Roster Invitation - Condition Assessment (DC007 McMaster SPS) Q4 2018.
2017	5161755640	Non-Trunk Flow Monitoring	100,000	10,003	78,365	11,632	88.4%	B.Posedowski	STATUS: Citywide Sanitary Service Flow Monitoring. NEXT STEPS: Completion Q1 2020.
2018	5161855010	Wastewater Systems Planning	300,000	7,612	126,340	166,048	44.7%	B.Posedowski	STATUS: Work in Progress - Wastewater System Analysis & Hydraulic Assessment (LRT intensification Corridor & Roads Capital Program), Pollution Control Plan, Riverdale East Flooding Investigation, CSO Reporting. NEXT STEPS: Completion Q4 2018.
2018	5161855640	Flow Monitoring Program	50,000	-	-	50,000	0.0%	B.Posedowski	STATUS: Citywide Sanitary Service Flow Monitoring, Rain Gauges Flow Monitoring Services. NEXT STEPS: Completion Q1 2020.



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			a	b	c	d	e		
2017	5181755421	SERG - SW System Planning	280,000	36,879	11,692	231,430	17.3%	B.Posedowski	STATUS: Wilson Street Stormwater Drainage Plan. NEXT STEPS: City-wide Stormwater Infrastructure Field Verification & GIS Database Update for Modelling Q4 2018.
2018	5181823155	SERG - Dundas Drainage Upgrade	60,000	-	-	60,000	0.0%	B.Posedowski	NEXT STEPS: Issue Project Charter Q4 2018.
2018	5181872295	SERG - LEEDS Implementation	440,000	16,013	-	423,987	3.6%	B.Posedowski	0
<b><u>Sub-Total Infrastructure Planning &amp; Systems Design - Storm water</u></b>			<b>12,355,000</b>	<b>2,157,766</b>	<b>2,457,794</b>	<b>7,739,440</b>	<b>37.4%</b>		
<b><u>TOTAL INFRASTRUCTURE PLANNING &amp; SYSTEMS DESIGN SECTION</u></b>			<b>44,489,000</b>	<b>9,550,147</b>	<b>7,850,220</b>	<b>27,088,633</b>	<b>39.1%</b>		

**WOODWARD UPGRADES SECTION**

**Wastewater - Rates**

2008	5160866801	Woodward WWTP - Clean Harbour	226,773,642	64,918,972	161,854,670	-	100.0%	J.Helka	STATUS: GIF Funded. \$254M 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 Q1 2019).
2009	5160966910	WWTP - Biosolids MP Implement	10,220,000	4,028,164	4,850,899	1,340,937	86.9%	J.Helka	STATUS: PPP Canada Funded, Cash Flow Budget approved by Finance. Work in Progress - Design-Bid-Finance-Operate-Maintain Contract awarded to Harbour City Solutions for the Biosolids Management Project. NEXT STEPS: Substantial Performance Q2
<b><u>Sub-Total Woodward Upgrades - Wastewater</u></b>			<b>236,993,642</b>	<b>68,947,136</b>	<b>166,705,569</b>	<b>1,340,937</b>	<b>99.4%</b>		
<b><u>TOTAL WOODWARD UPGRADES SECTION</u></b>			<b>236,993,642</b>	<b>68,947,136</b>	<b>166,705,569</b>	<b>1,340,937</b>	<b>99.4%</b>		

\*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	12,395,252	806,911	2,377,837	84.7%	G.Botha	STATUS: Work in Progress. NEXT STEPS: Account to be closed once final invoices have been paid and outstanding purchase orders have been closed. WIP Fund Projectid 5141966151 by \$2,500,000 through 2019 Rates Budget.
2015	5141566711	Annual Water Treatment Studies	250,000	51,185	68,295	130,520	47.8%	G.Botha	STATUS: Work in Progress - Baseline biological activity in the full scale media filters at the Woodward Avenue WTP. NEXT STEPS: Roster Invitation - Optimization Study for Corrosion Control using Phosphoric acid chemical dosing Q4 2018.



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			a	b	c	d	e		
2016	5141666713	Annual Water Maintenance	600,000	495,678	60,731	43,590	92.7%	G.Botha	STATUS: Substantially Performed - Woodward WWTP Staff Building Renovations. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q1 2019.
2017	5141766711	Annual Water Treatment Studies	250,000	87,088	19,544	143,369	42.7%	G.Botha	STATUS: Work in Progress - Condition Assessment (Chlorine Chemical Building), Assessment of current CT calculations. NEXT STEPS: Completion Q1 2019.
2017	5141766713	Annual Water Maintenance	2,500,000	98,263	373,206	2,028,531	18.9%	G.Botha	STATUS: Work in Progress. NEXT STEPS: Tenders for Construction - Installation of Premise Isolation Backflow Devices and Containments for various HW Facilities Q4 2018.
2018	5141866350	WTP Lighting Upgrade	200,000	-	-	200,000	0.0%	G.Botha	STATUS: Work in Progress - Construction (Energy Efficient LED Lighting at Woodward Ave. SSTP and Administration Building). NEXT STEPS: Substantial Performance 2019.
2018	5141866713	Annual Water Maintenance	1,500,000	60,690	15,410	1,423,900	5.1%	G.Botha	STATUS: Work in Progress. NEXT STEPS: LLPS Travelling Screen Q4 2019.
<b>Sub-Total Plant Maintenance &amp; Technical Services - Water</b>			<b>20,880,000</b>	<b>13,188,155</b>	<b>1,344,098</b>	<b>6,347,747</b>	<b>69.6%</b>		
<b>Wastewater - Rates</b>									
2011	5161166151	SCADA Master Plan Implement	15,875,000	13,381,800	212,548	2,280,652	85.6%	G.Botha	STATUS: Work in Progress. NEXT STEPS: Account to be closed once final invoices have been paid and outstanding purchase orders have been closed. WIP Fund Projectid 5161966151 by \$1,500,000 through 2019 Rates Budget.
2017	5161766713	Wastewater Maintenance Capital	3,000,000	1,767,991	1,112,258	119,751	96.0%	G.Botha	STATUS: Work in Progress. NEXT STEPS: Completion Q4 2019.
2017	5161766745	Woodward WWTP-Oper Readiness	4,875,000	98,595	1,863,248	2,913,157	40.2%	G.Botha	STATUS: Work in Progress - Construction (Replacement of Membrane Tube Diffusers & Step Feed Weir Refurbishment at the Woodward WWTP). NEXT STEPS: Substantial Performance Q4 2018. WIP Fund Projectid 5161966713 by \$2,400,000 through 2019 Rates Budget.
2018	5161866350	Woodward WWTP Lighting Upgrade	690,000	14,755	18,896	656,349	4.9%	G.Botha	STATUS: Work in Progress - Construction (Energy Efficient LED Lighting at Woodward Ave. SSTP and Administration Building). NEXT STEPS: Substantial Performance 2019.
2018	5161866511	Woodward WWTP - Digester #4	5,500,000	-	-	5,500,000	0.0%	G.Botha	STATUS: Work in Progress - Design (3 Contractors Pre-Qualified for Construction). NEXT STEPS: Tender for Construction Q4 2018.
2018	5161866713	Wastewater Maintenance Capital	4,750,000	179,555	7,000	4,563,445	3.9%	G.Botha	STATUS: Work in Progress. NEXT STEPS: Completion Q4 2020.
<b>Sub-Total Plant Maintenance &amp; Technical Services - WasteWater</b>			<b>34,690,000</b>	<b>15,442,697</b>	<b>3,213,951</b>	<b>16,033,352</b>	<b>53.8%</b>		
<b>TOTAL PLANT MAINTENANCE &amp; TECHNICAL SERVICES SECTION</b>			<b>55,570,000</b>	<b>28,630,852</b>	<b>4,558,049</b>	<b>22,381,099</b>	<b>59.7%</b>		

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			a	b	c	d	e		

**WATER & WASTEWATER PLANNING AND CAPITAL SECTION**

**Corporate Project Program - Tax**

2009	2110953900	Randle Reef Rehab Project	6,875,000	6,872,735	1,250,000	(1,247,735)	118.1%	M.Bainbridge	STATUS: Cash Flow Budget approved by Finance. Work in Progress - Construction (Contract 1 & 2). NEXT STEPS: Substantial Performance Q3 2018 (Contract 1) & Q4 2019 (Contract 2). Tendering Stage 3 planned for 2019.
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**Sub-Total Water & Wastewater Planning & Capital - Corporate Project Program**

6,875,000      6,872,735      1,250,000      (1,247,735)      118.1%

**Wastewater - Rates**

2014	5161468422	Randle Reef Sediment Remediate	4,550,000	4,325,000	1,675,000	(1,450,000)	131.9%	M.Bainbridge	STATUS: Cash Flow Budget approved by Finance. Work in Progress - Construction (Contract 1 & 2). NEXT STEPS: Substantial Performance Q3 2018 (Contract 1) & Q4 2019 (Contract 2). Tendering Stage 3 planned for 2019.
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**Sub-Total Water & Wastewater Planning & Capital - Wastewater**

4,550,000      4,325,000      1,675,000      (1,450,000)      131.9%

**TOTAL WATER & WASTEWATER PLANNING AND CAPITAL SECTION**

11,425,000      11,197,735      2,925,000      (2,697,735)      123.6%

**HAMILTON WATER & WASTEWATER- DIRECTOR**

**Water - Rates**

2015	5141557543	Workforce & Time Mgmt-Kronos	430,000	398,579	11,020	20,401	95.3%	A.Grice	STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed Q4 2018.
2016	5141641226	Centralized W-WW Ops Centre	1,250,000	-	-	1,250,000	0.0%	A.Grice	NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations.

**Sub-Total - Water**

1,680,000      398,579      11,020      1,270,401      24.4%

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			a	b	c	d	e		
<b>Wastewater - Rates</b>									
2015	5161555545	Capital Works Information Mgmt	280,000	-	-	280,000	0.0%	A.Grice	STATUS: Work in Progress - Project Management Office / IT Business Intelligence Collaborative Project (Phase 1 - Automate Existing PMO Reporting System using internal Resources). NEXT STEPS: Phase 2 Dashboard and Power BI Q1 2019.
2016	5161641226	Centralized W-WW Ops Centre	1,250,000	-	-	1,250,000	0.0%	A.Grice	NEXT STEPS: Evaluate yard options which includes an analysis of site requirements and potential locations.
<b>Sub-Total Roads - Wastewater</b>			<b>1,530,000</b>	<b>0</b>	<b>0</b>	<b>1,530,000</b>	<b>0.0%</b>		
<b>TOTAL HAMILTON WATER &amp; WASTEWATER DIRECTOR SECTION</b>			<b>3,210,000</b>	<b>398,579</b>	<b>11,020</b>	<b>2,800,401</b>	<b>12.8%</b>		
<b>WATER &amp; WASTEWATER ENGINEERING SERVICES SECTION</b>									
<b>Water - Engineering Services</b>									
2013	5141371301	WM Replace Program - Coordinated with Roads - 2013	11,310,000	10,940,712	-	369,288	96.7%	M.Oddi / P.McNab	Construction complete. Awaiting billing from CN. \$350k surplus at this time.
2013	5141396351	Garner Watermain Trunk W09	530,000	171,795	-	358,205	32.4%	E.Waite	Project has been moved to 2021 as per Master Plan timing.
2014	5141455425	Concrete Pipe Condition Assessment	2,230,000	1,494,632	270,020	465,347	79.1%	E.Waite	Assessment works delayed due to other works impacting the water network. 2018 and proposed 2019 budget to be utilised by year end 2019.
2014	5141461300	Wm Replacement Program - 2014	1,160,000	450,959	-	709,041	38.9%	M.Oddi / P.McNab	\$705k surplus is being used to WIP fund 2019 Water Lining Program (5141960072).
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	5141571301	WM Replace Program - Coordinated with Roads - 2015	14,645,000	13,788,097	670,577	186,326	98.7%	M.Oddi / P.McNab	\$70k surplus is being used to WIP fund 2019 Water Lining Program (5141960072).
2015	5141596152	PD11 (Governor's Rd) Extend	1,120,000	405,223	726,707	(11,931)	101.1%	M.Oddi	Construction 2018/19
2015	5141596153	PD22 (Governor's Rd) Extend	900,000	568,441	311,386	20,174	97.8%	M.Oddi	Construction 2018/19
2015	5141596550	Stone Church Feedermain (W-24)	25,300,000	2,158,543	301,379	22,840,078	9.7%	S.Jacob	Functional design to be completed by Dec 2018. If it is a feasible alignment for Water Operations, the project will continue to detailed design in 2019/2020 and Construction in years after
2015	5141596558	Greenhill Feedermain - King to Greenhill Tank	5,700,000	5,168,552	146,063	385,384	93.2%	M.Oddi	\$130k surplus is being used to WIP fund 2019 Water Lining Program (5141960072) then this project can be closed once commitments are paid/cleared.

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2016	5141657626	Critical WM Inspection Program - 2016	299,000	178,576	62,158	58,266	80.5%	E.Waite	Complete - Close once commitments are paid/cleared
2016	5141660999	Closed Projects - Water	218,000	50,309	158,830	8,861	95.9%	M.Oddi / P.McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required.
2016	5141661300	WM Replacement Program - 2016	700,000	656,531	10,001	33,468	95.2%	M.Oddi / P.McNab	\$30k surplus being used to WIP fund 2019 Watermain Lining Program (5141960072) then this project can be closed once commitments are paid/cleared.
2016	5141662073	Field Data Systems Program - 2016	169,380	91,274	61,887	16,219	90.4%	I.Szczepanik	Anticipate 100% spent by Q1 2019.
2016	5141670000	Coordinated Road and Subsurface Works - 2016	3,531,000	2,915,975	152,192	462,833	86.9%	M.Oddi / P.McNab	\$440k surplus being used to WIP fund 2019 Watermain Lining Program (5141960072).
2016	5141671301	WM Replace Program - Coordinated with Roads - 2016	4,428,000	4,074,782	91,044	262,174	94.1%	M.Oddi / P.McNab	\$250k surplus being used to WIP fund 2019 Watermain Lining Program (5141960072) then this project can be closed once commitments are paid/cleared.
2017	5141749555	QA-QC Service Contract - 2017	110,000	80,525	1,800	27,675	74.8%	E.Waite	Ongoing - work in progress
2017	5141757626	Critical WM Inspection Program - 2017	330,000	38,639	-	291,361	11.7%	E.Waite	Ongoing work in progress. Claim for CWWF funding underway.
2017	5141757628	Mountain Feedermain	340,000	78,400	262,078	(477)	100.1%	E.Waite	Complete - Close once commitments are paid/cleared. Claim for CWWF funding underway.
2017	5141760072	Structural WM Lining Program - 2017	7,291,000	7,291,000	-	-	100.0%	E.Waite	Close after year end reporting. CWWF funded.
2017	5141760080	Valve Replacement - 2017	1,760,000	1,488,895	171,965	99,141	94.4%	E.Waite	\$90k surplus being used to WIP fund 2019 Valve Replacement program (5141960080) and then this project can be closed once commitments are paid/cleared.
2017	5141760577	Metallic Watermain Condition Assessment Program - 2017	685,000	578,735	101,401	4,864	99.3%	E.Waite	Complete - Close once commitments are paid/cleared
2017	5141760754	Kenilworth Transmission Watermain Renewal	2,400,000	433,469	59,509	1,907,022	20.5%	E.Waite	Ongoing - work in progress. To be tendered Q4 2019 for 2020 construction.
2017	5141761300	WM Replacement Program - 2017	1,630,000	190,852	-	1,439,148	11.7%	E.Waite	\$800k surplus being used to WIP fund 2019 Watermain Lining Program (5141960072). 1 of 3 projects awarded. Burlington Trunkmain Repairs in 2019 and James and Charlton Intersection rebudgeted in 2024 due to LRT.
2017	5141761777	Beach Trunkmain Rehab	5,000,000	585,438	-	4,414,562	11.7%	E.Waite	Project delayed to Q1 2019 due to water network requirements.
2017	5141770000	Coordinated Road and Subsurface Works - 2017	3,000,000	2,792,300	140,631	67,070	97.8%	M.Oddi / P.McNab	Complete - pending final review/audit/payment. \$67k surplus at this time.

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			a	b	c	d	e		
2017	5141771074	Contingency for Unscheduled Works Program - 2017	200,000	143,984	-	56,016	72.0%	E.Waite	\$55k being used to WIP fund 2019 program and then this project can be closed.
2017	5141771301	WM Replace Program - Coordinated with Roads - 2017	2,815,000	2,504,302	118,959	191,739	93.2%	M.Oddi / P.McNab	2 of 4 projects awarded. Watermain Replacement under CP Tracks at Ferguson on hold pending design review. Remaining project transferred to Waterfront.
2017	5141771740	Upper Sherman - Rymal to Stone	1,590,000	1,254,838	47,956	287,205	81.9%	M.Oddi	Complete - pending final review/audit/payment
2018	5141811101	Road Restoration Program - 2018	5,400,000	1,541,043	2,670,761	1,188,196	78.0%	D.Lamont	Ongoing - work in progress
2018	5141849555	QA-QC Service Contract - 2018	110,000	84,379	8,087	17,535	84.1%	E.Waite	Ongoing - work in progress
2018	5141855556	Mapping Update - 2018	40,000	5,823	-	34,177	14.6%	D.Lamont	Ongoing - work in progress. Anticipated 100% spent/committed by year end 2018.
2018	5141857626	Critical WM Inspection Program - 2018	330,000	48,039	21,775	260,186	21.2%	E.Waite	Ongoing - work in progress. 2019 budget has been reduced to zero to use up these funds.
2018	5141857627	Fennell Trunkmain Inspection	715,000	101,901	619,000	(5,901)	100.8%	E.Waite	Ongoing - work in progress
2018	5141857628	Saltfleet Trunkmain Inspection	565,000	80,065	490,000	(5,065)	100.9%	E.Waite	Ongoing - work in progress. Claim for CWWF funding underway.
2018	5141860072	Structural WM Lining Program - 2018	7,320,000	5,280,193	2,213,229	(173,423)	102.4%	E.Waite	Ongoing - work in progress
2018	5141860080	Valve Replacement -	1,000,000	244,891	698,310	56,799	94.3%	E.Waite	Ongoing - work in progress
2018	5141860577	Metallic Watermain Condition Assessment Program - 2018	700,000	213,448	320,585	165,967	76.3%	E.Waite	Complete - Close once commitments are paid/cleared. Claim for CWWF funding underway.
2018	5141860711	PW Capital Water Consumption Program - 2018	200,000	146,532	-	53,468	73.3%	E.Waite	Ongoing - work in progress
2018	5141861300	Wm Replacement Program - 2018	800,000	116,458	-	683,542	14.6%	E.Waite	Mulberry - Bay to James (2019) & Barton - Queen to Locke (2020)
2018	5141870000	Coordinated Road and Subsurface Works - 2018	4,340,000	2,303,718	1,793,039	243,244	94.4%	M.Oddi / P.McNab	4 of 5 project awarded. One project moved to Waterfront and duplicated in error. Construction ongoing.
2018	5141871074	Contingency for Unscheduled Works Program - 2018	100,000	14,557	-	85,443	14.6%	E.Waite	% spent dependent on # of unscheduled works.
2018	5141871301	WM Replace Program - Coordinated with Roads - 2018	5,219,000	3,805,045	709,071	704,883	86.5%	M.Oddi / P.McNab	\$500k surplus being used to WIP fund 2019 Watermain Lining (5141960072). 4 project of 6 awarded. Two projects rebudgeted in 2024 & 2027.
<b>Sub-Total Water - Engineering Services</b>			<b>127,380,380</b>	<b>75,586,578</b>	<b>13,504,870</b>	<b>38,288,932</b>	<b>69.9%</b>		

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			a	b	c	d	e		
<b>WasteWater - Engineering Services</b>									
2007	5160795757	Centennial Trnk Swr-WW14, WW33	84,200,000	76,525,849	7,099,123	575,029	99.3%	M.Oddi	Ongoing - work in progress. Anticipated completion spring/summer of 2019.
2013	5161395358	Hwy 56 Forcemain&Twinning WW21	27,190,000	12,891,920	5,701,776	8,596,304	68.4%	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	\$230k being used to WIP fund 2019 Wastewater System Lining Program (5161960390).
2015	5161555077	Zoom Camera Inspection - Data Component	760,000	569,014	38,777	152,209	80.0%	E.Waite	Ongoing - work in progress. To be completed by end of 2020
2015	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,290,000	210,138	813,867	265,995	79.4%	E.Waite	Ongoing - work in progress. To be completed by Q2 2019.
2015	5161560999	Closed Projects - WasteWater	119,000	20,092	88,728	10,180	91.4%	M.Oddi / P.McNab	This project is primarily used to hold the contingency lines of purchase orders for several completed works until the maintenance period has expired. This allows for the closure all of the original project ID. % spent is dependent on maintenance required.
2015	5161567563	HC005 - Public	1,040,000	126,459	229,692	683,849	34.2%	E.Waite	Ongoing - work in progress
2015	5161567565	HC005 Montgomery Drive - Inline Storage	2,230,000	1,940,392	224,868	64,740	97.1%	M.Oddi	Complete - pending final review/audit/payment
2015	5161596855	Royal to Main-King CSO (WW-22)	18,040,000	1,403,668	149,840	16,486,492	8.6%	S.Jacob	Moving forward with this project. Consultant appointed for completing studies and detailed design
2016	5161660533	Trenchless Manhole Rehabilitation - 2016	80,000	5,897	62,082	12,021	85.0%	E.Waite	Complete - Close once commitments are paid/cleared
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	5161662073	Field Data Systems Program - 2016	160,110	51,283	101,506	7,321	95.4%	I.Szczepanik	Anticipate 100% spent by Q1 2019.
2016	5161671074	Contingency for Unscheduled Works Program - 2016	520,000	387,903	127,951	4,146	99.2%	E.Waite / P.McNab	Complete - Close once commitments are paid/cleared
2017	5161718420	Grindstone Creek Utility Bridge	3,470,000	531,803	282,170	2,656,027	23.5%	E.Waite	\$2.5m being used to WIP Fund 2019 Wastewater System Lining Program (5161960390).
2017	5161749555	QA-QC Service Contract - 2017	110,000	44,249	12,800	52,951	51.9%	E.Waite	Ongoing - work in progress
2017	5161760390	Wastewater System Lining Program - 2017	4,500,000	3,695,470	74,616	729,914	83.8%	E.Waite	Complete - Close once commitments are paid/cleared

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2017	5161760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E.Waite	Complete - Close once commitments are paid/cleared
2017	5161760575	Mainline Sewer Condition Assessment Program - 2017	1,330,000	827,475	37,128	465,397	65.0%	E.Waite	Ongoing - Work in progress. Delays due to other works within sewer system.
2017	5161760820	Open Cut Repairs for CIPP Program - 2017	400,000	384,831	6,269	8,900	97.8%	E.Waite	Complete - Close once commitments are paid/cleared
2017	5161761444	Sewer Lateral Replace/Rehab Program - 2017	4,060,000	4,060,000	-	-	100.0%	E.Waite	Ongoing - work in progress
2017	5161768240	Western Interceptor Sewer CCTV and Sonar Inspection	1,540,000	378,540	1,146,770	14,691	99.0%	E.Waite	Ongoing - work in progress
2017	5161771015	Sewer Lateral Replacement for Co-ordinated Projects - 2017	278,000	235,409	25,481	17,110	93.8%	E.Waite	Ongoing - work in progress
2018	5161811101	Road Restoration Program - 2018	1,800,000	841,490	763,289	195,221	89.2%	D.Lamont	Ongoing - work in progress
2018	5161849555	QA-QC Service Contract - 2018	110,000	72,528	11,645	25,826	76.5%	E.Waite	Ongoing - work in progress
2018	5161855556	Mapping Update - 2018	40,000	5,823	-	34,177	14.6%	D.Lamont	Ongoing - work in progress. Anticipated 100% spent/committed by year end 2018.
2018	5161855878	Forcemain Condition Assessment Program	300,000	43,672	149,490	106,838	64.4%	E.Waite	Ongoing - work in progress
2018	5161860390	Wastewater System Lining Program - 2018	4,582,000	3,858,035	711,142	12,823	99.7%	E.Waite	Ongoing - work in progress
2018	5161860533	Trenchless Manhole Rehabilitation - 2018	40,000	5,823	35,290	(1,113)	102.8%	E.Waite	Complete - Close once commitments are paid/cleared
2018	5161860574	Pre-Construction Mainline Condition	550,000	80,065	-	469,935	14.6%	E.Waite	Ongoing - work in progress
2018	5161860575	Mainline Sewer Condition Assessment Program - 2018	1,260,000	827,208	356,334	76,458	93.9%	E.Waite	Ongoing - work in progress
2018	5161860576	Sewer Lateral Condition Assessment Program - 2018	680,000	373,709	300,107	6,184	99.1%	E.Waite	Ongoing - work in progress
2018	5161860577	Mainline Sewer Condition Assessment for Compliance &	110,000	16,013	95,000	(1,013)	100.9%	E.Waite	Ongoing - work in progress
2018	5161860711	PW Capital Water Consumption Program - 2018	150,000	21,836	-	128,164	14.6%	E.Waite	Ongoing - work in progress

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			a	b	c	d	e		
2018	5161860820	Open Cut Repairs for CIPP Program - 2018	550,000	245,816	295,290	8,895	98.4%	E.Waite	Ongoing - work in progress
2018	5161860830	Windemere Rd Sewer Extension, Municipal Act	980,000	780,086	126,198	73,716	92.5%	E.Waite	Ongoing - work in progress
2018	5161861444	Sewer Lateral Replace/Rehab Program - 2018	4,139,000	2,856,569	1,259,511	22,919	99.4%	E.Waite	Ongoing - work in progress
2018	5161861825	Stipeley Neighbourhood (South) - Connaught / Balsam / Dunsmore	80,000	10,000	-	70,000	12.5%	E.Waite	\$70k being used to WIP fund 2019 Wastewater Lining program (5161960390) and then this project can be closed.
2018	5161862850	Eastern Interceptor Repair at the WWTP Aeration Tank	2,800,000	407,603	115,670	2,276,727	18.7%	E.Waite	Ongoing - work in progress. Project delayed due to works at Woodward WWTP. Consulting to be completed in 2019 and Construction to start 2020.
2018	5161871015	Sewer Lateral Replacement for Co-ordinated Projects - 2018	210,000	185,042	-	24,958	88.1%	E.Waite	Ongoing - work in progress
2018	5161871074	Contingency for Unscheduled Works Program - 2018	100,000	39,557	-	60,443	39.6%	E.Waite	% spent dependent on # of unscheduled works.
2018	5161871842	Locke St Sewer Rehabilitation	2,090,000	304,246	1,844,216	(58,462)	102.8%	E.Waite	Ongoing - Work in progress. To be completed by end of Q2 2019
2018	5161872840	Mohawk - Upper Ottawa to Upper Kenilworth	1,000,000	952,491	-	47,509	95.2%	E.Waite	Close after year end reporting
<b>Sub-Total Wastewater - Engineering Services</b>			<b>173,898,110</b>	<b>116,699,120</b>	<b>22,559,913</b>	<b>34,639,077</b>	<b>80.1%</b>		

**Storm Sewers - Engineering Services**

2012	5181272290	Storm Sewer Upgrades - 2012	7,596,000	7,262,784	226,616	106,600	98.6%	M.Oddi / P.McNab	Ongoing work in progress - outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway
2013	5181360312	Greenhill - Hwy 20 Culverts	2,110,000	1,032,986	726	1,076,287	49.0%	M.Oddi	\$1,070k being used to WIP fund storm component of the wastewater lining program and then this project can be closed once commitments are paid/cleared.
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	174,308	5,558	490,134	26.8%	S.Jacob	Project not re-initiated yet. Will be active design in 2019 as it is a requirement from Hamilton Conservation Authority
2014	5181460422	SERG - Holbrook SW Improvement	940,000	666,920	-	273,080	70.9%	M.Oddi	\$270k being used to WIP Fund 2019 Catch Basin Replacement/Rehabilitation Program then this project can be closed.
2014	5181460423	SERG - Princess at Birch	90,000	11,172	-	78,828	12.4%	S.Jacob	Outstanding until Birch Ave- Phase 2 is implemented
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	283,955	218,120	257,925	66.1%	E.Waite	Ongoing - work in progress. To be completed by end of 2020



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2015	5181560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,290,000	276,338	789,001	224,661	82.6%	E.Waite	Ongoing - work in progress. To be completed by Q2 2019.
2015	5181560999	Closed Projects - Storm	238,000	26,288	86,912	124,800	47.6%	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	5181572291	Barton & Hamilton St, Waterdown Storm Sewer Upgrade	1,530,000	317,747	-	1,212,253	20.8%	E.Waite	\$1m surplus being used to WIP fund various projects in 2019 Program. Complete, pending final payment as per Sally Yong-Lee. Close this project at year end 2018.
2015	5181572295	SERG - LEEDS Implementation	320,000	146,403	62,733	110,864	65.4%	E.Waite	Complete - Close once commitments are paid/cleared
2016	5181655420	Wilson St Stormwater Drainage	2,440,000	1,692,287	43,929	703,785	71.2%	M.Oddi	\$700k surplus being used to WIP fund 2019. This project can then be closed once commitments are paid/cleared.
2016	5181660533	Trenchless Manhole Rehabilitation - 2016	80,000	35,355	40,111	4,534	94.3%	E.Waite	Complete - Close once commitments are paid/cleared
2016	5181662073	Field Data Systems Program - 2016	100,000	55,017	39,837	5,146	94.9%	I.Szczepanik	Anticipate 100% spent by Q1 2019.
2016	5181672074	Contingency for Unscheduled Works Program - 2016	150,000	35,370	26,345	88,286	41.1%	E.Waite / P.McNab	% spent dependent on # of unscheduled works.
2016	5181672259	SERG - Gage Park Pond	2,168,000	665,569	1,515,383	(12,952)	100.6%	M.Oddi	Ongoing - work in progress
2016	5181672290	Storm Sewer Upgrades - 2016	1,214,000	615,619	9,292	589,089	51.5%	M.Oddi / P.McNab	Close next BER
2016	5181672650	West Mtn Sewers - Juggernaut	12,849,000	5,315,780	7,460,439	72,781	99.4%	E.Waite	Ongoing - work in progress. To be complete by Q3-2019.
2017	5181749555	QA-QC Service Contract - 2017	60,000	24,433	11	35,556	40.7%	E.Waite	Ongoing - work in progress
2017	5181760533	Trenchless Manhole Rehabilitation - 2017	80,000	9,367	70,000	633	99.2%	E.Waite	Complete - Close once commitments are paid/cleared
2017	5181760730	McQueston Park Entrance - Flooding	250,000	1,168	-	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 within the park.
2017	5181772290	Storm Sewer Upgrades - 2017	1,370,000	276,632	-	1,093,368	20.2%	M.Oddi / P.McNab	\$1,090k being used to WIP fund various 2019 projects. 1 of 4 projects tendered. Mohawk - Upper Ottawa to Upper Kenilworth storm scope cancelled. Two projects moved to 2026/27 due to LRT.
2017	5181780786	RHBP - Dartnall - Stone Church to Rymal	187,000	176,805	12,757	(2,561)	101.4%	M.Oddi	Complete - pending final review/audit/payment
2018	5181849555	QA-QC Service Contract - 2018	86,000	30,984	54,754	262	99.7%	E.Waite	Ongoing - work in progress

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2018	5181855556	Mapping Update - 2018	40,000	5,823	-	34,177	14.6%	D.Lamont	Ongoing - work in progress. Anticipated 100% spent/committed by year end 2018.
2018	5181860533	Trenchless Manhole Rehabilitation - 2018	40,000	5,823	35,290	(1,113)	102.8%	E.Waite	In progress. To be complete by Q2-2019.
2018	5181870000	Coordinated Road and Subsurface Works	130,000	18,924	111,624	(549)	100.4%	M.Oddi / P.McNab	Ongoing - work in progress
2018	5181872074	Contingency for Unscheduled Works Program - 2018	100,000	14,557	-	85,443	14.6%	E.Waite	% spent dependent on # of unscheduled works.
2018	5181872290	Mackenzie - East 27th to Upper Sherman (Burkholme	103,000	56,773	-	46,227	55.1%	E.Waite	Complete. Close after year end reporting.
2018	5181872291	Catharine St N Sewer Replace	99,000	-	-	99,000	0.0%	E.Waite	Ongoing - work in progress. To be completed in 2019.
2018	5181872293	Bayside Ave Storm Sewer Replacement	750,000	155,998	-	594,002	20.8%	E.Waite	\$590k being used to WIP Fund various 2019 projects and then this project can be closed.
<b>Sub-Total Storm Sewers - Engineering Services</b>			<b>37,840,000</b>	<b>19,391,184</b>	<b>10,809,437</b>	<b>7,639,378</b>	<b>79.8%</b>		
<b>TOTAL WATER, WASTEWATER &amp; STORM SEWERS ENGINEERING SECTION</b>			<b>339,118,490</b>	<b>211,676,883</b>	<b>46,874,221</b>	<b>80,567,387</b>	<b>76.2%</b>		

**WATER WASTEWATER & STORM SEWERS OPERATIONS SECTION**

**Water - Operations**

2011	5141166151	SCADA Master Plan Implement	15,580,000	12,395,252	806,911	2,377,837	84.7%	D.Repath	Complete - pending final review/audit/payment
2014	5141455922	Water Loss Audit - 2014	202,000	90,351	23,931	87,717	56.6%	D.Alberton / Young	These funds to be fully spent by June 2019
2015	5141569075	Environmental Lab Improvements - 2015	70,000	41,385	22,910	5,705	91.9%	Vanderperk / Thomas	Anticipate 100% spent by year end 2018.
2016	5141641226	Centralized Water and Wastewater Operations Centre	1,250,000	-	-	1,250,000	0.0%	H.Quintero	Consultant will complete feasibility study of Brampton/Rennie yard commencing August 2018. Expected completion Oct 2018.
2016	5141655851	Water Efficiency Plan - 2016	102,000	76,457	2,033	23,510	77.0%	J.Wagner	Will be completed and closed late 2018.
2016	5141660750	Unscheduled Valve, Hydrant etc. - 2016	2,500,000	1,968,232	496,983	34,785	98.6%	D.Alberton / Young	These funds are for the Emergency Water Repair contract and they will be fully spent by December 2018.

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YEAR APPROVED	PROJECT ID	DESCRIPTION	APPROVED BUDGET (\$)	ACTUAL EXPENDITURES (\$)	PO COMMITMENTS (\$)	AVAILABLE BALANCE (\$) d = a - b - c	% COMPLETE e = (b+c) / a	Project Manager	STATUS EXPLANATION as of September 30, 2018
			a	b	c	d	e		
2016	5141669075	Environmental Lab Improvements - 2016	150,000	23,940	77,991	48,069	68.0%	Vanderperk / Thomas	Anticipate 100% spent by year end 2018.
2017	5141751710	Fleet Additions - Hamilton Water - 2017	560,000	137,302	5,000	417,698	25.4%	D.Alberton / Young	To be fully spent by January 2020
2017	5141755851	Water Efficiency Plan - 2017	200,000	49,140	86,280	64,580	67.7%	J.Wagner	Will be completed and closed late 2018.
2017	5141757750	Carlisle AMR/AMI Pilot Project	250,000	136,114	36,240	77,646	68.9%	R.DiGiovanni	Project continues to run. This project should run till end of 2019, at which time the PO and project can be closed
2017	5141760750	Unscheduled Valve, Hydrant etc. - 2017	1,040,000	463,455	575,926	618	99.9%	D.Alberton / Young	These funds are for the Emergency Water Repair contract and they will be fully spent by November 2019.
2017	5141761502	Water Meter - Installation /Replacement/Repair - General Maintenance	2,100,000	1,963,831	133,056	3,112	99.9%	R.DiGiovanni	Awaiting documentation from contractor in order to release 10% holdback. Once that is completed this project ID can be closed.
2017	5141763757	City of Hamilton Bulk Water Fill Stations Upgrade	80,000	68,668	-	11,332	85.8%	R.DiGiovanni	This project has been completed. The PO can now be closed
2018	5141851810	Fleet Additions - Hamilton Water - 2018	580,000	50,533	-	529,467	8.7%	D.Alberton / Young	To be fully spent by January 2020
2018	5141855851	Water Efficiency Plan - 2018	150,000	-	-	150,000	0.0%	J.Wagner	2018 capital will be utilized in 2019. No additional budget request for 2019.
2018	5141860750	Unscheduled Valve, Hydrant etc. - 2018	799,000	11,122	670,000	117,878	85.2%	D.Alberton / Young	2018 Project - ongoing work in progress
2018	5141861502	Water Meter - Installation/ Replacement/Repair - General Maintenance	2,800,000	1,911,947	770,142	117,911	95.8%	R.DiGiovanni	This project is ongoing and will run till Jan 31, 2019
2018	5141862078	Substandard Water Service Replacement Program - 2018	2,849,000	333,082	794,504	1,721,415	39.6%	D.Alberton / Young	2018 Project - ongoing work in progress
2018	5141869075	Environmental Lab Improvements - 2018	200,000	-	-	200,000	0.0%	Vanderperk	Anticipate 100% spent by year end 2019.
<b>Sub-Total - Hamilton Water - Operations</b>			<b>31,462,000</b>	<b>19,720,811</b>	<b>4,501,908</b>	<b>7,239,281</b>	<b>77.0%</b>		

**WasteWater - Operations**

2011	5161166151	SCADA Master Plan Implement	15,875,000	13,381,800	212,548	2,280,652	85.6%	D.Repath	Complete - pending final review/audit/payment
2014	5161460450	Iona Trunk Sewer Odour Control	279,000	32,288	-	246,712	11.6%	D.Alberton / Young	\$240k surplus being used to WIP fund 2019 Sewer Lateral Management Program (5161960522) and then this project can be closed.
2014	5161469076	BCOS-Beyond Compliance OP Sys	243,000	105,159	-	137,841	43.3%	Vanderperk / Girt	This project relates to the BCOS software upgrade and DWQMS maintenance. The monies will be spent 2018/2019.

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			a	b	c	d	e		
2016	5161641226	Centralized Water and Wastewater Operations Centre	1,250,000	-	-	1,250,000	0.0%	H.Quintero	Consultant will complete feasibility study of Brampton/Rennie yard commencing August 2018. Expected completion Oct 2018.
2016	5161669075	Environmental Lab Improvements - 2016	345,000	187,848	84,918	72,234	79.1%	Vanderperk / Thomas	Anticipate 100% spent by year end 2018.
2017	5161755422	Sewer Use Bylaw Enforcement Infor	80,000	7,765	29,270	42,965	46.3%	Vanderperk / Saunders	Anticipate spending 30, 000 by end of 2018. 10k for 2019
2017	5161760302	Emergency Repairs - Cross Connections - 2017	1,000,000	650,304	270,002	79,694	92.0%	D.Alberton / Young	This account funds the investigation and correction of sewer lateral cross connections. The funds will be fully spent by January 2019.
2017	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	300,000	107,953	7,984	184,063	38.6%	Vanderperk / Saunders	Will spend 111,453 by end of 2018. \$188,547 end of 2019. Anticipate 37 % by end of 2018
2017	5161769075	Environmental Lab Improvements - 2017	250,000	-	-	250,000	0.0%	Vanderperk / Thomas	Anticipate 100% spent by year end 2018.
2018	5161860302	Emergency Repairs - Cross Connections - 2018	500,000	135,451	246,892	117,657	76.5%	D.Alberton / Young	2018 - work in progress
2018	5161860522	Sewer Lateral Management Program (WWC) - 2018	4,500,000	2,033,388	1,355,664	1,110,949	75.3%	D.Alberton / Young	2018 - work in progress
2018	5161861740	Unscheduled Manhole & Sewermain - 2018	320,000	138,300	179,093	2,608	99.2%	D.Alberton / Young	2018 Project - ongoing work in progress
2018	5161869075	Environmental Lab Improvements - 2018	200,000	-	-	200,000	0.0%	Vanderperk	Anticipate 100% spent by year end 2019.
<b>Sub-Total - Hamilton WasteWater - Operations</b>			<b>25,142,000</b>	<b>16,780,256</b>	<b>2,386,370</b>	<b>5,975,374</b>	<b>76.2%</b>		
<b>Storm Sewers - Operations</b>									
2015	5181560515	Inlet-Outlet Storm Damage Repair - 2015	442,000	381,552	-	60,448	86.3%	D.Alberton / Young	\$60k surplus being used to WIP fund 2019 Unscheduled Manhole & Sewermain Replacement program (5181961740) and then this project can be closed.
2017	5181755740	Flushables Research Study	75,000	49,005	26,843	(848)	101.1%	J.Wagner	Will be completed and closed late 2018.
2017	5181761740	Unscheduled Manhole & Sewermain - 2017	100,000	-	-	100,000	0.0%	D.Alberton / Young	These funds are for the Emergency Sewer Repair contract and will be fully spent by August 2019.
2018	5181861740	Unscheduled Manhole & Sewermain - 2018	30,000	-	-	30,000	0.0%	D.Alberton / Young	These funds are for the Emergency Sewer Repair contract and will be fully spent by August 2019
<b>Sub-Total - Hamilton Storm Sewers - Operations</b>			<b>647,000</b>	<b>430,558</b>	<b>26,843</b>	<b>189,600</b>	<b>70.7%</b>		

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<b>Storm Sewers - Roads O&amp;M</b>									
2014	5181460452	Shoreline Protection Program	1,310,000	254,025	155,324	900,651	31.2%	E.Soldo	Procuring permits to advance construction work.
2014	5181460461	Forty Mile Municipal	100,000	91,363	-	8,637	91.4%	E.Soldo	Request for invoice processing with finance re cost sharing.
2014	5181460722	Municipal Drain Program - 2014/15	139,000	33,264	-	105,736	23.9%	E.Soldo	Close once contribution from developer has been received
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	1,100,000	98,830	38,271	962,899	12.5%	E.Soldo	Finalizing property agreements, tender to follow, construction Q1-2019
2016	5181617642	South St East Drainage Improve	160,000	24,733	135,070	196	99.9%	E.Soldo	Construction start Q4- 2018
2016	5181674640	Battlefield Creek Remediation	300,000	168,585	3,848	127,568	57.5%	E.Soldo	Project to remain open for monitoring.
2017	5181717152	Cross Road Culvert Program - 2017	1,370,000	542,777	787,346	39,878	97.1%	E.Soldo	Anticipate spent/committed Q4 2018 (Centre Rd)
2017	5181760622	SWM Facility Maintenance Program - 2017	1,600,000	1,387,522	214,089	(1,611)	100.1%	E.Soldo	Anticipate spent/committed Q4 2018
2017	5181767723	Pumping Stations	100,000	-	92,160	7,840	92.2%	E.Soldo	Committed/work anticipated to be complete Q1-2019
2017	5181774730	Centre Road Drainage Improvement	100,000	-	-	100,000	0.0%	E.Soldo	Permits still being sought with Conservation Authority
2018	5181817152	Cross Road Culvert Program - 2018	1,380,000	116,348	569,852	693,800	49.7%	E.Soldo	Works in progress
2018	5181817458	Catch Basin Replacement/Rehabilitation Program - 2018	575,000	266,380	303,164	5,456	99.1%	E.Soldo	Works in progress
2018	5181817549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span)	150,000	52,515	97,113	372	99.8%	E.Soldo	Anticipate project completion Q4-2018
2018	5181860622	SWM Facility Maintenance Program - 2018	1,200,000	164,658	527,390	507,953	57.7%	E.Soldo	Works in progress

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2018	5181860722	Municipal Drain Program - 2018	280,000	-	-	280,000	0.0%	E.Soldo	Work in progress-Q4-2018
2018	5181874840	Sydenham Interceptor Swale Re-construction	260,000	-	-	260,000	0.0%	E.Soldo	Reevaluating project needs, monitoring site condition
2018	5181874841	Lower Davis Creek - Flood Control Facility	250,000	-	43,750	206,250	17.5%	E.Soldo	Design and tender preparation in progress.
<b><u>Sub-Total - Hamilton Storm Sewers - Roads O&amp;M</u></b>			<b>10,374,000</b>	<b>3,201,000</b>	<b>2,967,376</b>	<b>4,205,624</b>	<b>59.5%</b>		
<b><u>TOTAL WATER, WASTEWATER &amp; STORM SEWERS - OPERATIONS</u></b>			<b>67,625,000</b>	<b>40,132,625</b>	<b>9,882,497</b>	<b>17,609,879</b>	<b>74.0%</b>		
<b>Total Public Works - Rate Supported</b>			<b>912,449,232</b>	<b>423,484,487</b>	<b>283,847,188</b>	<b>205,117,556</b>	<b>77.5%</b>		