

City of Hamilton Capital Projects Status Report - Public Works Tax Supported Projects
As of September 30, 2016

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, 2016	STATUS EXPLANATION as of June 30, 2016
			a	b	c	d	e			
Pan-Am Games										
2011	3621154100	Pan Am Games - Ivor Wynne	149,700,000	138,557,819	11,019,788	122,393	99.9%	C. Ippolito	Global Settlement in progress - anticipate resolution by year end	Final stadium payments are being reconciled. Anticipate closure by year end.
Total Pan-Am			149,700,000	138,557,819	11,019,788	122,393	99.9%			
Parks & Cemetery										
2013	4401351601	Equipment Acquisitions - DC	320,000	157,971	115	161,914	49.4%	Shaun Williams	Once all commitments are confirmed paid, return the balance to DC.	Once commitments are paid, return the balance to DC.
2014	4241409114	HAAA - Splash pad	25,000	-	25,879	(879)	103.5%	Steve Ames	To be completed in Q2 2017	To be completed in Q4 2016
2014	4241409213	Public Seating	50,000	8,350	-	41,650	16.7%	Tennessee Propedo	Site locations to be identified - expected completion Q2 2017	Site locations to be identified - expected completion Q4 2016
2014	4401449002	Marina Pier&Dock Reair-Replc	125,000	6,542	-	118,458	5.2%	Rick Martin/Kara Bunn	To be closed at year end. Transfer funds to 4401549002 ('Marina Pier&Dock Repair-Replac.).	Transfer funds to 4401549002 ('Marina Pier&Dock Repair-Replc) and close.
2014	4401449510	Spraypad Infrastructure Rehab	85,000	60,025	25,000	(25)	100.0%	Rick Martin/Kara Bunn	Completion Q4 2016. Project close at year end.	Completion Q4 2016, delayed to combine funds for economies of scale
2014	4401451700	2014 Small Equipment Replace	120,000	33,876	59,165	26,959	77.5%	Shaun Williams	Expected completion Q2, 2017	Expected completion Q4, 2016
2014	4401452600	Playground Replacement Program	270,815	128,990	151,407	(9,582)	103.5%	Rick Martin/S Ames	Expected completion Q4 2016. Any overages will be mitigated before project closed.	Expected completion Q3 2017. Any overages will be mitigated before project closed.
2014	4401453100	Cemetery Software Replacement	60,000	35,416	14,584	10,000	83.3%	Crystabelle Fobler	Completion Q4 2016	Completion Q3 2016
2014	4401453200	Invasive Species Removal and Native Planting-RHV	30,000	25,324	5,114	(438)	101.5%	Kara Bunn	Pending PO Closure. Remaining funds to go back into councillor area rating at year end.	Close PO and close account remaining funds to go back into councillor area rating
2014	4401454699	Tennis court Rehab Program	163,000	94,396	73,436	(4,832)	103.0%	Rick Martin/S Ames	Completion Q4 2016	Completion Q4 2016
2014	4401456001	Leashfree Dog Park Program	75,000	85,397	14,522	(24,919)	133.2%	Kara Bunn	Completion Q4 2016 Transfer remaining funds to 4401656001 (Leashfree dog park program) once PO is paid out. Expected deficit will be mitigated from the 2015/2016 annual project 4401656001	Transfer remaining funds to 4401656001 (Leashfree dog park program)
2015	4241509110	Victoria Park - Resurface Splash Pad	100,000	-	100,000	-	100.0%	Rick Martin/Kara Bunn	Completion Q4 2017	Project on-going, expected completion 2017

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2015	4401511601	Cemetery Roads Rehab Program	85,046	72,700	10,000	2,346	97.2%	Rick Martin	Completion Q4 2016	Completion Q4 2016
2015	4401541001	Cemetery Building Repairs	80,000	30,724	1,984	47,292	40.9%	Crystabelle Fobler	Completion Q1 2017	Delay due to staffing changes in facilities completion estimated Q4 2016
2015	4401549002	Marina Pier&Dock Reair-Replc	252,100	28,534	9,259	214,307	15.0%	Rick Martin	Delay in work due to work done by others Completion estimated Q4 2017	Delay in work due to work done by others Completion estimated Q4 2017
2015	4401549007	Cemetery Columbarium	240,000	53,423	113,553	73,024	69.6%	Rick Martin/ Crystabelle Fobler	Expected completion in Q4 2016	Expected completion in Q4 2016 - delay due to confirmation of work by cemetery report recommendations
2015	4401549008	Extreme Park Makeover	30,000	22,720	-	7,280	75.7%	Alex Moroz	To be closed at year end.	Close and transfer remaining funds to 4401649008
2015	4401549101	Park Pathway Resurfacing	200,000	195,544	1,008	3,448	98.3%	Rick Martin	Completion Q4 2016	Completion Q4 2016
2015	4401549104	Security Lighting Program	33,000	16,009	13,020	3,971	88.0%	Rick Martin	Completion Q2 2017 - funds combined with 2016 funding	Transfer remaining funds to 4401649104 (Security Lighting Program) and close.
2015	4401549107	Park Fencing Program	90,000	71,598	22,191	(3,789)	104.2%	Rick Martin	Completion Q4 2017 - funds combined with 2016 funding	Transfer any remaining funds to 4401649107 (Park Fencing Program) and close.
2015	4401549503	Cemetery Development	183,320	39,590	21,120	122,610	33.1%	Crystabelle Fobler	Expected completion in Q4 2017	Expected completion in Q4 2016 - delay due to confirmation of work by cemetery report recommendations
2015	4401549510	Spraypad Infrastructure Rehab	80,000	-	65,963	14,037	82.5%	Rick Martin	Completion Q4 2016	Completion Q4 2016
2015	4401549607	Outdoor Ice Rink Program	50,000	18,608	18,528	12,864	74.3%	Rick Martin	Completion Q2 2017 - funds combined with 2016 funding	Transfer funds to 4401649607 (Outdoor Ice Rink Program).
2015	4401549610	Park bleacher Replacement	45,000	45,558	-	(558)	101.2%	Rick Martin	To be closed at year end once overspending mitigated from 2016 funding 4401649610	Completion Q3 2016
2015	4401549612	Cemetery Id Signs	40,000	-	-	40,000	0.0%	Rick Martin	To be closed at year end. Transfer funds to 4401649612 (Cemetery Id Signs)	Transfer funds to 4401649612 (Cemetery Id Signs) and close.
2015	4401552100	CSA Safety Material Replace	95,000	69,839	-	25,161	73.5%	Rick Martin/Steve Ames	To be closed at year end. Transfer funds to 4401652100 (CSA Safety Material Replace).	Close and transfer funds to 4401652100 (CSA Safety Material Replace).
2015	4401552600	Playground Lifecycle Replace	195,000	113,306	18,000	63,694	67.3%	Rick Martin/Steve Ames	Remaining funds combined with 2016 funding to complete a large project Completion Q3 2017	Remaining funds combined with 2016 funding to complete a large project Completion Q3 2017
2015	4401554699	Tennis court Rehab Program	45,000	-	45,000	-	100.0%	Rick Martin	Completion Q2 2017 - funds combined with 2016 funding	Close account and transfer funds to 4401654699
2015	4401556001	Leashfree Dog Park Program	81,695	37,340	6,951	37,404	54.2%	Kara Bunn	Completion Q4 2017	Completion Q4 2017
2016	4241609205	Dog Park Amenities	20,000	-	20,000	-	100.0%	Kara Bunn	Completion Q3 2017	Project on-going, expected completiong 2017

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2016	4241609603	Irrigation System Macassa Park	120,000	-	120,000	-	100.0%	Rick Martin/Karla Bunn	Completion Q2 2017	Project on-going, expected completiong 2017
2016	4401611601	Cemetery Roads Rehabilitation Program	95,000	-	-	95,000	0.0%	R. Martin, C. Fobler	Completion Q3 2017	Completion Q4 2016
2016	4401641001	Cemetery Building Repairs	80,000	-	-	80,000	0.0%	R. Martin, C. Fobler	Completion Q3 2017	Completion Q4 2016
2016	4401649007	Cemetery Columbarium	50,000	-	-	50,000	0.0%	R. Martin, C. Fobler	Completion Q4 2017	Completion Q4 2016
2016	4401649008	Extreme Park Makeover Program	45,000	3,577	-	41,423	7.9%	A.Moroz	Completion Q4 2016	Complete in Q3 & Q4 2016- delay due to Councillor requesting time changes
2016	4401649101	Park Pathway Resurfacing Program	200,000	51,868	124,029	24,103	87.9%	R.Martin	Completion Q3 2017	Completion Q4 2016
2016	4401649102	Sports Field Rehab Program	80,000	-	-	80,000	0.0%	R.Martin	Completion Q2 2017	Completion Q4 2016
2016	4401649103	Bocce Court Rehab Program	40,000	33,711	-	6,289	84.3%	R.Martin, S.Ames	Completion Q2 2017	Completion Q2 2017
2016	4401649104	Park Sports/Security Lighting Upgrade Program	30,000	-	-	30,000	0.0%	R.Martin	Completion Q4 2017	Completion Q3 2017
2016	4401649107	Park Fencing Program	100,000	39,001	58,000	2,999	97.0%	R.Martin	Completed Q4, 2016	Completed Q4, 2016
2016	4401649510	Spraypad Infrastructure Rehabilitation Program	50,000	-	-	50,000	0.0%	R.Martin	Q4 2017-Combine funds for economy of scale	Q3 2017-Combine funds for economy of scale
2016	4401649607	Outdoor Ice Rink Program	50,000	-	-	50,000	0.0%	R.Martin	Completion Q2 2017	Completion Q2 2017
2016	4401649610	Park Bleacher Replacement Program	50,000	-	39,520	10,480	79.0%	R.Martin	Completion Q4 2016	Completion Q4 2016
2016	4401649612	Cemetery ID Sign Program	50,000	-	-	50,000	0.0%	R.Martin, C. Fobler	Completion Q4 2017	Completion Q2 2017
2016	4401651601	Equipment Acquisition (DC) Program	247,000	-	-	247,000	0.0%	S. Williams	Procurement process underway, subject to Fleet timing	Procurement process underway, subject to Fleet timing
2016	4401652100	CSA Safety Material Replacement Program	100,000	-	104,100	(4,100)	104.1%	R.Martin, S.Ames	Completion Q4 2016	Completion Q4 2016

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2016	4401652600	Playground Lifecycle Replacement Program	200,000	-	-	200,000	0.0%	R.Martin, S.Ames	Completion Q3 2017-Gage Park	Completion Q3 2017-Gage Park
2016	4401654699	Tennis Court Rehabilitation Program	70,000	-	22,000	48,000	31.4%	R.Martin, S.Ames	Completion Q3 2017, funds combined with 2015 budget for economies of scale	Completion Q3 2017, funds combined with 2015 budget for economies of scale
2016	4401656001	Leashfree Dog Park Program	60,000	1,042	-	58,958	1.7%	R.Martin/ K. Bunn	Completion Q4 2017	Completion Q4 2017
<u>Total Parks & Cemetery</u>			4,985,976	1,580,979	1,303,448	2,101,549	57.9%			

Forestry & Horticulture

2011	4451153001	Emerald Ash Borer Plan	8,715,838	8,457,994	776,182	(518,338)	105.9%	Le Ann Seely	Multi-year program funded annually. 10 yr. removal strategy to 2022. Additional funds are required annually. Rapid rate of Ash tree mortality is higher than originally anticipated. Overage to be mitigated in 2017.	Multi-year program funded annually. 10 yr. removal strategy to 2022. Additional funds are required annually. Rapid rate of Ash tree mortality is higher than originally anticipated. Funds shown are required for program.
2013	4451351007	Rural Street & Park Tree Inventory	267,000	197,250	19,496	50,254	81.2%	Le Ann Seely	Multi-year contract. Funds shown are required for program. Additional funds required for years 2 and 3 of contract in 2017 and 2018.	Multi-year contract funded annually. RFP awarded. Expected completion of 2016 work is Q4 2016. Funds shown are required for program.
2014	4451449000	Horticultural Enhancements	315,000	220,106	79,277	15,617	95.0%	Marcia Monaghan	To be closed at year end. Remaining funds to be transferred to 4451553444 (Street Tree Planting Program).	Transfer remaining funds to 4451553444 (Street Tree Planting Program) and close.
2014	4451451004	Gage Park Tropical House	3,805,000	198,358	266,777	3,339,865	12.2%	Le Ann Seely	Tender to be timed for favourable bids, and to coordinate with yard operations. Contractor Pre-qualification Target Q4 2016. Tender Target Q1 2017.	Detailed Design work progressing. Tender to be timed for favourable bids, and to coordinate with yard operations. Target Q4 2016 - Q1 2017.
2014	4451451009	1301 Upper Ottawa St Yard Enhancement	455,000	92,707	16,620	345,673	24.0%	John Taylor	Contract has been awarded. Committed funds not showing here.	Parking lot plans submitted and are held up in site plan process. SPA received end-July. Site plan lead - Facilities. Tender target Q3 2016
2015	4241509678	Mountain Brow Vista Study Plan	165,000	120,231	18,815	25,954	84.3%	Marcia Monaghan	Project on-going, expected completion Q4 2016.	Project on-going, expected completion Q4 2016.
2015	4451553444	Street Tree Planting Program	1,803,890	1,989,232	-	(185,342)	110.3%	Le Ann Seely	Multi-year program. Overrun to be mitigated in 2016.	Multi-year program. Overrun to be mitigated in 2016
2016	4241609507	Tree Planting Ward 5	275,000	-	-	275,000	0.0%	Le Ann Seely	Staff working with community reps to identify planting locations.	
2016	4451651601	Ward 6 Traffic Island Conversions	105,000	84,180	7,250	13,570	87.1%	Marcia Monaghan	Project complete. PO's to be closed and once complete project can be closed and remaining funds returned to source (at year end).	Project on-going, expected completion Q4 2016.

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2016	4451653444	Tree Planting Program	1,345,000	1,143,016	387,932	(185,948)	113.8%	Le Ann Seely	Multi-year program. Overrun to be mitigated though PO closures and operating surplus.	Multi-year program.
Total Forestry & Horticulture			17,251,728	12,503,074	1,572,349	3,176,305	81.6%			

Waste Management

2008	5120892410	West Hamilton Landfill Stabilization	250,000	168,036	80,505	1,459	99.4%	Rob Conley	Tender closed August 24th. Requisition signed and submitted on August 30th. Project will be completed as 'winter work'. Kick off meeting to take place first week of November.	Second phase of work to be completed by Q1 of 2017. Delay due to MOECC approvals still not received. Project will be fully committed by Q3 of 2016.
2009	5120991101	Glanbrook Landfill-Stage 3 Development	2,800,000	2,136,835	230,904	432,261	84.6%	Rob Conley	Application submitted to the MOECC on October 3rd. Tender pre-qualification work has commenced. Tender to be issued in Q1 2017.	Work started in 2009 and continues through 2016. Multi-year project scheduled to be complete in 2017.
2012	5121241200	Accommodation Updates	200,000	4,636	-	195,364	2.3%	Robyn Ellis	The renovation project for suite 410-77 James Street was previously tendered. However, the landlord's roof repair significantly delayed the reno start. Once approvals are received, the renovation can be re-tendered.	The renovation project for suite 410-77 James Street was previously tendered. However, the landlord's roof repair significantly delayed the reno start. Once approvals are received, the renovation can be re-tendered.
2012	5121290111	Leaf&Yard Composting Facility Relocation	200,000	64,760	1,160	134,080	33.0%	Rob Conley	Field works have begun to determine if the significant wet land is present on site.	Stage 4 / L&Y work funded from this project ID. To be fully committed by Q3 of 2016.
2012	5121290520	Streetscape Containers	277,400	283,494	-	(6,094)	102.2%	Colin Vidler	Project complete. Pending review of any outstanding invoices and once all confirmed, project will be closed and any overages will be mitigated by end of Q4 2016.	Project complete . Close PO. Fund Balance from 5121590200.
2013	5121349001	Backflow Preventer Replacement	350,000	294,686	41,237	14,077	96.0%	Joel McCormick	Project complete. Facilities finalizing holdback payment. Once all commitments are paid, project will be closed.	Facilities led this project. Work at CRCs has been completed. Remaining funds for RRC work committed and work complete in Q1 2016. Holdback payment being finalized.
2013	5121349002	CCF Air Handling Odour Control	700,000	77,769	612,797	9,434	98.7%	Emil Prpic	Construction scheduled to commence in November.	Funds allocated for capital improvements due to new Ontario Compost Quality Standards. New standards implemented in Q3 2015. Anticipated completion of capital works Q3 2016.
2013	5121355137	Waste Management R&D	124,660	73,424	34,698	16,538	86.7%	Angela Storey	Single family and Multi-res curbside audit to utilize the remaining funds in this project account. Once empty, to be closed.	Remaining funds to be used for the curbside collection portion of our 3 multi-residential waste audits in 2016.
2013	5121357001	GPS System-Curbside Collection	85,000	2,614	59,361	23,025	72.9%	Colin Vidler	Corporate GPS/AVL RFP has been awarded. Full rollout and installation delayed until end of Q4 2016.	Corporate GPS/AVL RFP has been awarded. Installation expected by end of Q3 2016.

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2013	5121390520	Streetscape Containers	70,000	71,140	-	(1,140)	101.6%	Colin Vidler	Project complete. Pending review of any outstanding invoices and once all confirmed project will be closed and any overages will be mitigated by end of Q4 2016.	Fluted style public space litter containers. Fully spent. Fund Balance from 5121590200.
2013	5121392000	Closed Landfill Maint&Cap Imp	350,000	221,883	207,843	(79,726)	122.8%	Rob Conley	To be closed at year end when all commitments are paid and PO's closed. Expected deficit will be mitigated from 2015/2016 annual projects and unused PO commitments in the project.	Ongoing maintenance, funds committed and expected to be used by the end of 2016
2013	5121393000	Maint & Capital Improvements-Resource Recovery Centre	490,000	437,976	64,406	(12,382)	102.5%	Joel McCormick	Project complete - to review all commitments are paid then this account can be recommended for closure at year end.	Funds to be used for RRC capital projects including maintenance and studies in 2016 – MRF wall repair work, CCF condition assessment, CIF projects, ops audits. As a result, 2016 WIP capital request has been reduced.
2014	4241409206	Poster Kiosks	70,000	-	70,000	-	100.0%	Peter Wobschall	'Consultation with BIAs re locations are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2017.	'Consultation with BIAs re locations are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2017.
2014	5121449002	CCF Air Handling-Odour Control	1,300,000	-	320,501	979,499	24.7%	Joel McCormick	Construction scheduled to commence in November. Any remaining funds to be used for any additional odour management measures.	Funds allocated for capital improvements due to new Ontario Compost Quality Standards. New standards implemented in Q3 2015. Anticipated completion of capital works Q3 2016.
2014	5121490200	Diversion Container Replace	696,000	700,204	74,412	(78,616)	111.3%	Colin Vidler	Project complete. Pending review of outstanding invoices, Do not anticipate any overages once PO's are closed. Any potential overages will be mitigated through available surpluses within Waste.	Project complete. Once purchase orders are closed, transfer any remaining balance to 5121590200.
2014	5121490411	MRF Remediation	210,000	-	200,000	10,000	95.2%	Emil Prpic	Work has commenced on Record of Site Condition at 1579 Burlington St. Anticipate completion by Q4 2016.	Hiring of consultant to prepare Record of Site Condition at 1579 Burlington St. as part of remediation plan for the property. Anticipate completion by Q4 2016.
2014	5121490530	Sign Kiosks&Poster Sleeve Prgm	200,000	-	-	200,000	0.0%	Peter Wobschall	Consultation with BIAs re locations are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2017.	Consultation with BIAs re locations are being finalized. RFQs are being prepared for manufacturing and install. Installation planned Q2 2017.
2014	5121492000	Closed Landfill Maint&Cap Impr	172,000	59,832	52,421	59,747	65.3%	Rob Conley	Alternative stormwater treatment at landfills. Project to be committed in Q4.	Ongoing maintenance, funds expected to be committed by the Q2 of 2016.
2014	5121492410	WH-Bank Stabilization South	2,000,000	9,963	1,710,189	279,848	86.0%	Rob Conley	Tender closed August 24th. Requisition signed and submitted on August 30th. Project will be completed as 'winter work'. Kick off meeting to take place first week of November.	Stabilization (construction) of the south of Chedoke Creek at West Hamilton Landfill. Funds to be committed by Q3/Q4 2016. Work to be completed Q1/Q2 2017

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2014	5121493000	Maint & Capital Improvements-Resource Recovery Centre	113,000	72,960	63,992	(23,952)	121.2%	Joel McCormick	To be closed once commitments are paid. Expected deficit will be mitigated from 2015/2016 annual projects and unused PO commitments in the project.	Funds allocated for MRF maintenance / upgrades in 2016 based on recommendations following MRF container line study.
2014	5121494002	Transfer Stn Door Replace	900,000	644,563	130,541	124,896	86.1%	Joel McCormick	Complete. Paperwork has been submitted to release holdback.	To replace the large bay doors at the City's 3 transfer stations. Phase 1 completed. Tender and Phase 2 tender has been closed and vendor selected. Work to commence in Q3 2016.
2015	5121549004	WC Office-Training Rm	20,000	17,083	-	2,917	85.4%	Colin Vidler	On going improvements to training room and office technology at waste Collections offices. Anticipated fully spent or committed by Q4 2016.	On going improvements to training room and office technology at waste Collections offices. Anticipated fully spent or committed by Q4 2016.
2015	5121551700	MRF Equipment Upgrades	1,841,113	860,496	921,818	58,799	96.8%	Joel McCormick	Installation to commence in November.	Funds to be used for the installation of an optical sorter on the container processing line at the MRF. Contract has been approved by legal. Funds committed. Work expected to be completed in Q3/Q4 2016.
2015	5121590200	Diversion Container Replcmnt	250,000	218,690	42,416	(11,106)	104.4%	Colin Vidler	Anticipated fully committed by Q4 2016. Waiting to confirm all invoices are applied to open PO's and then closure will be recommended.	Fully committed or spent by year end.
2015	5121590412	MRF Roof Repl & Repair	26,000	-	-	26,000	0.0%	Joel McCormick	Funds to be used for a roof condition assessment in 2017. Funds to be committed by Q2 2017.	Annual funds for ongoing MRF roof maintenance. To be used for 2016 ongoing maintenance.
2015	5121591000	Glan Landfill Cap Improvements	222,000	74,483	165,112	(17,595)	107.9%	Rob Conley	Once commitments are paid then this account can be closed.	Remaining funds to be used for ongoing landfill maintenance work
2015	5121592000	Closed Landfill Maint&Cap Impr	159,162	115,174	71,593	(27,605)	117.3%	Rob Conley	Expected deficit will be mitigated from 2016 annual projects and unused PO commitments in the project. Any deficit in this annual project ID will be carried forward to the 2017 as contemplated in the development of the 2017 capital budget.	Swabbing of collection system, pump station maintenance including condition assessments.
2015	5121592001	Central Park Remediation	3,160,000	-	-	3,160,000	0.0%	Emil Prpic	To remediate contamination found at Central Park. This project is being integrated into broader Barton-Tiffany / West Harbour development. Anticipate work to commence in 2017.	WIP fund \$500K to 2016 Capital Budget. To remediate contamination found at Central Park. This project is being integrated into broader Barton-Tiffany / West Harbour development. Anticipate work to commence Q3 2016.
2015	5121593000	Maint & Capital Improvements-Resource Recovery Centre	100,000	(804)	-	100,804	-0.8%	Joel McCormick	Funds allocated for MRF maintenance / upgrades in 2016 based on recommendations following MRF container line study. Will continue to use portion of funds for RRC maintenance.	Funds allocated for MRF maintenance / upgrades in 2016 based on recommendations following MRF container line study

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2015	5121594000	Transfer Stn CRC Maintenance Improvement	390,000	378,425	12,200	(625)	100.2%	Joel McCormick	Assessment completed. Account to be closed once PO closed	Consultant hired in Q3 to evaluate the leachate collection pump at the Upper Ottawa Landfill to determine if pump needs to be replaced.
2015	5121594511	Transfer Stn & CRC Expansion	200,000	64,890	15,985	119,125	40.4%	Joel McCormick	Needs analysis complete. Reviewing draft report.	Funds committed to perform a TSCRC needs analysis as recommended by the SWMMP. Needs analysis will be completed Q3 2016
2016	5121651602	New Driver/Vehicle Technology	100,000	26,292	7,228	66,480	33.5%	Colin Vidler	Truck Technology. Dash cameras, Route Optimization software and truck sensor technology. Ongoing into 2017. Expected to be fully spent or committed in 2017.	Truck Technology. Dash cameras, Route Optimization software and truck sensor technology. Ongoing.
2016	5121655137	Waste Management R & D Program	190,000	35,336	31,260	123,404	35.1%	Angela Storey	Single family and Multi-res curbside audits to wrap up mid-November, waste diversion and kinesiology student program, multi residential engagement workshop and food waste reduction collaborative with PHS. Council approved use of surplus of \$80K towards 2017 Tax Capital Budget (Dec 14/16).	Waste diversion student program (\$50K), Kinesiology student at Waste Collection (fall \$10K), textile recycling pilot at CRC, food waste reduction collaborative with PHS, advertising for public engagement survey.
2016	5121655610	2020 Waste System Planning	150,000	-	-	150,000	0.0%	Angela Storey	Project costs for 2016, employee engagement workshop, advertising for public engagement surveys and expenses for face to face surveys.	2020 Planning. Public Engagement Consultant RFP - closes August 2016.
2016	5121691000	Glanbrook Landfill Capital Improvement Program	275,000	88,558	33,236	153,206	44.3%	Rob Conley	Tree planting, vegetation in Q3/Q4. Annual report completed in Q2. Investigating alternate waste water treatment for water pond management at Glanbrook - work to commence in Q3.	Tree planting, vegetation in Q3/Q4. Annual report completed in Q2. Investigating alternate waste water treatment for water pond management at Glanbrook - work to commence in Q3.
2016	5121692000	Closed Landfill Maintenance & Capital Improvement Program	290,000	67,082	195,960	26,958	90.7%	Emil Prpic	Year 1 & 2 of maintenance contracts. Leachate collection system flushing to commence in August. Repaired access roads & landfill cap at various closed landfills. Installed and/or repaired new/additional fencing.	Year 1 & 2 of maintenance contracts. Leachate collection system flushing to commence in August. Repaired access roads & landfill cap at various closed landfills. Installed and/or repaired new/additional fencing.
2016	5121692001	Central Park Remediation	500,000	9,432	49,999	440,569	11.9%	Emil Prpic	Work has commenced.	Additional soil monitoring is required as per MOECC. Work to commence in August 2016.
2016	5121693000	Maint & Capital Improvements-Resource Recovery Centre	50,000	17,700	-	32,300	35.4%	Emil Prpic	Cost allocation investigation for MRF material processing to commence Q3. Container line performance audit to be initiated following optical sorter installation (Q4 2016 / Q1 2017).	Cost allocation investigation for MRF material processing to commence Q3. Container line performance audit to be initiated following optical sorter installation (Q4 2016 / Q1 2017).
2016	5121694000	Transfer Stn CRC Maintenance Improvement	140,000	91,956	47,511	533	99.6%	Emil Prpic	Closure at year end. Need to confirm all commitments are paid prior to closure.	Scale painting completed Q2. Additional security cameras to be installed Q3. TS wall repairs - consultant to be hired to complete work. Methane pump replacement complete Q2.

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2016	5121695525	SWMMP - Planning & Approvals Program	90,000	-	26,000	64,000	28.9%	Angela Storey	Public Engagement survey RFP - Q4 2016 and Q1 2017.	2016 Q3 Q4 - Public Engagement Strategy related to 2020 planning
<i>Total Waste Management</i>			19,711,335	7,389,568	5,575,285	6,746,482	65.8%			

Open Space Development

2006	4400656758	Perimeter Road Trail Develop	325,780	310,871	33,800	(18,891)	105.8%	Lawrence Stasiuk, Asset Management/Rick Martin	Project complete, pending PO closure then close	Project complete, pending PO closure then close
2007	4400756103	Heritage Green Sports Park	3,368,800	2,982,545	317,331	68,924	98.0%	Mark Kosiuk/HT Lam	Spray pad and play area design in 2016, construction in 2017. Multi-year, multi-phase project. Keep open.	Spray pad and play area design in 2016, construction in 2017. Multi-year, multi-phase project. Keep open.
2007	4400756755	Joe Sams Park Phase 2 Development	2,865,000	1,921,303	599,246	344,451	88.0%	Joseph Yu	Tender close on July 14, construction commenced August 2016, Multi-year, multi-phase project, keep open.	Tender close on July 14, 2016, award to be confirmed soon. Multi-year, multi-phase project, keep open.
2008	4400856600	Olmstead Natural Open Space	1,336,000	1,204,790	128,184	3,026	99.8%	Cynthia Graham	Contract is complete. Keep open for future monitoring and evaluation of seeding success.	Active construction.
2010	4401056002	The Gore Master Plan	3,699,454	3,368,637	173,326	157,491	95.7%	Le' Ann Seely	Construction underway for Phase 2 nearing completion. Multi-year, multi-phase project.	Construction underway for Phase 2. Multi-year, multi-phase project.
2010	4401056020	Village Green Park	815,370	760,628	94,630	(39,888)	104.9%	Cynthia Graham	Project complete, close out pending PO closure.	Construction complete, and holdback to be released in Q3.Keep open.
2010	4401056060	Open Space Replacement Strategy - East Mountain Trail	816,000	419,278	34,247	362,475	55.6%	Cynthia Graham	Multi-year, multi-phase program. Future funds are required for trail development in Ward 6 and 9.	Multi-year, multi-phase program. Future funds are required for trail development in Ward 6 and 9.
2010	4401056090	Johnson Tew Park	1,385,200	803,873	540,778	40,549	97.1%	Joseph Yu	Construction underway in 2016. Substantial performance awarded in October 2016. Keep open for deficiencies and holdback release. Surplus funds to be WIP funded to Bobolink Habitat Replacement to adjust deficit.	Construction underway in 2016. Keep open until contract complete. Surplus funds to be WIP funded to Bobolink Habitat Replacement to adjust deficit.
2010	4401056127	Churchill Park-Soccer Field & MP	1,763,690	784,593	24,666	954,431	45.9%	HT Lam	Phase 1 work to be tendered in early 2017. Multi-year, multi-phase program. Future funds required for further phases to implement the master plan.	Phase 1 work to be tendered in 2016. Multi-year, multi-phase program. Future funds required for further phases to implement the master plan.
2010	4401056521	Trillium Seabreeze Park	980,000	917,438	69,237	(6,675)	100.7%	Ian McQueen /Mark Kosiuk	The City is presently dealing with legal issues on this project. PW11-41, project cannot be closed at this time	The City is presently dealing with legal issues on this project. PW11-41, project cannot be closed at this time

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2011	4401156916	Freelton Community Park Development	731,510	159,807	-	571,703	21.8%	Joseph Yu/Kevin Berry	Project in co-ordination with 7101254214 Freelton Park Building. Construction completion anticipated Q3 2016.	Project in co-ordination with 7101254214 Freelton Park Building. Construction completion anticipated Q3 2016.
2012	4241209703	Ryckman's Park	515,000	502,047	-	12,953	97.5%	Cynthia Graham	Project complete. At end of year, close out project.	Keep open. Deficiencies in grass establishment requiring additional work. Active project.
2012	4241209808	Sir Allan MacNab Track	870,604	857,258	26,532	(13,186)	101.5%	H.T. Lam	Construction complete. Deficiencies outstanding, keep open until contract complete.	Construction complete. Deficiencies outstanding, keep open until contract complete.
2012	4401255002	Confederation Park Feasibility Study	240,000	225,567	14,437	(4)	100.0%	Lawrence Stasiuk	Close PO and WIP to Confederation Park Sports Park, and CLOSE	Close PO and WIP to Confederation Park Sports Park, and CLOSE
2012	4401256126	Shaver Neighbourhood Park Development	876,777	722,088	138,969	15,720	98.2%	Cynthia Graham	studies are complete and approvals in progress. Future funds required for construction of trail, through 2017 capital budget program.	studies are complete and approvals in progress. Future funds required for construction of trail.
2012	4401256201	Fairgrounds Community Park	617,846	289,287	51,190	277,369	55.1%	Mark Kosiuk / Construction Services	On-going program. Staff working with Cllr and Rec to confirm program. Funded through Glanbrook Reserve at Councillor's request.	On-going program. Staff working with Cllr and Rec to confirm program. Funded through Glanbrook Reserve at Councillor's request.
2012	4401256516	Trillium Garden Park	125,000	53,174	-	71,826	42.5%	Mark Kosiuk	Design work in progress, restrictions due to natural heritage and grading. Future funds required for implementation.	Design work in progress. Future funds required for implementation.
2012	4401256520	Gage Park Redevelopment - Walkway Lighting and Paving	2,394,416	2,005,864	47,626	340,926	85.8%	Lawrence Stasiuk/ H.T. Lam	Ph. 2/2 electrical work to be designed in 2016, for construction in 2017. Future funds required to implement approved plan. Multi-year, multi-phase program.	Ph. 2/2 electrical work to be designed in 2016, for construction in 2017. Future funds required to implement approved plan. Multi-year, multi-phase program.
2012	4401256593	Marimat Gardens University Gardens	139,060	134,784	4,285	(9)	100.0%	Meghan Stewart	reconcile and close. Surplus to 4401356411 Durand Park.	reconcile and close. Surplus to 4401356411 Durand Park.
2012	4401256613	Ancaster Community Center Ball Diamond	468,305	92,513	24,269	351,523	24.9%	Joseph Yu	Still waiting on NEC approval, 'NEC review in progress. Tender target revised to Q1 2017.	NEC review in progress. Tender target 2016
2012	4401256801	Green Millen Shore Estates Waterfront	825,000	652,310	9,857	162,833	80.3%	Mark Kosiuk	Construction complete, however deficiencies remain and payments are outstanding due to delays in developer invoicing. Developer Build, agreement in place. Keep open for final payment per PDFa.	Construction complete, however deficiencies remain and payments are outstanding. Developer Build, agreement in place. Keep open for final payment per PDFa.
2012	4401256802	Beach Park Dev Program	100,000	46,539	-	53,461	46.5%	Meghan Stewart	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.

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2012	5181255245	Warren Park-Emergency Erosion works	210,840	172,985	4,927	32,928	84.4%	Cynthia Graham	Project complete, pending PO closure.	Project complete, pending PO closure. Surplus funds to design of the SWM pond at Gage Park.
2013	4241309202	McLaren Park - redevelopment	751,000	669,079	106,489	(24,568)	103.3%	H.T. Lam / Leila Todd	Substantial performance awarded. Keep open for deficiencies and hold-back release. PO closure will reconcile negative balance.	Substantial performance pending. Keep open until contract complete. Deficit to be cleared once PO is closed.
2013	4241309801	Buchanan Park Spray Pad	570,000	570,269	13,777	(14,046)	102.5%	Joseph Yu	Project complete, pending PO closure then close	Substantial performance pending. Keep open until contract complete.
2013	4401355600	Parks Testing and Reporting	94,000	53,214	32,135	8,651	90.8%	Le Ann Seely	On-going program. Site assessment, Quality control and materials testing for various sites as identified through pre-screening.	On-going program. Site assessment, Quality control and materials testing for various sites as identified through pre-screening.
2013	4401356002	Beasley Park Rehabilitation	1,835,000	292,033	60,047	1,482,920	19.2%	Joseph Yu	Revised redevelopment tender target in Q2 2017. Project on-going.	On-going program. Tender target 2016.
2013	4401356107	Cherry Beach Lakefront Park	3,909,700	1,525,047	1,001,314	1,383,339	64.6%	Mark Kosiuk / Real Estate	Construction contract awarded and construction is nearing completion. Funds required for on-going works related to future park development. On-going, multi-year program.	Construction contract awarded. Funds required for on-going works related to future park development.
2013	4401356124	William Connell Community Park	5,440,000	1,370,555	154,383	3,915,062	28.0%	Mark Kosiuk	On-going multi-yr., multi-phased project. Next phase tender target 2016 to complete bulk of scope. MOE approval is complete, final drawing revisions for park buildings underway.	On-going multi-yr., multi-phased project. Next phase tender target 2016 to complete bulk of scope.
2013	4401356411	Durand Park Master Plan	894,100	934,141	42,055	(82,096)	109.2%	Joseph Yu	Substantial performance awarded. Keep open for deficiencies and hold-back release.	Substantial performance pending. Keep open until contract complete.
2013	4401356541	Borers Creek Trail Link	574,000	140,072	14,574	419,354	26.9%	Cynthia Graham	On-going multi-yr., multi-phased project. Investigations recently completed to support next phase tender target 2016, approvals required	On-going multi-yr., multi-phased project. Investigations recently completed to support next phase tender target 2016, approvals required
2013	4401356801	Confederation Park - Sports Park Development	6,177,685	2,932,973	679,524	2,565,188	58.5%	Lawrence Stasiuk	Multi-yr., multi-phases project. Way finding has been tendered and is under construction, and 2ndary welcome signage to be tendered imminently. RFP for design of sports park proceeding fall of 2016.	Multi-yr., multi-phases project. Next phase (way finding and 2ndary welcome signage) target 2016.
2013	4401356802	Beach Park Dev Program	50,000	-	-	50,000	0.0%	Le Ann Seely	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2014	4241409116	Alexander Pk chng to splash pad	25,000	-	-	25,000	0.0%	LeAnn Seely	To be used by Facilities for Alexander spray pad conversion project, allocated through 2017 capital budget process.	Cllr driven program. Might transfer to facilities for this projects.

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2014	4241409123	Alexander Park Master Plan	60,000	-	-	60,000	0.0%	Cynthia Graham	To be used by Facilities for Alexander spray pad conversion project, allocated through 2017 capital budget process.	n/a
2014	4241409204	Outdoor Bake Oven	15,000	-	-	15,000	0.0%	Joseph Yu	To be used by Facilities for Alexander spray pad conversion project, allocated through 2017 capital budget process.	City driven program. Might not proceed. TBC
2014	4241409214	Beasley Skateboard Park	80,000	8,711	-	71,289	10.9%	Joseph Yu	Revised redevelopment tender target in Q2 2017. Project on-going.	Beasley Park Redeve tender target 2016
2014	4241409341	Pipeline Master Trail Plan	400,000	71,168	-	328,832	17.8%	Cynthia Graham	Tender awarded and construction to begin in fall of 2016 for Kenilworth Parkette. On going, multi-year program.	tender and construction target in fall of 2016 for Kenilworth Parkette. On going, multi-year program.
2014	4401455600	Parks Testing and Reporting	50,000	20,961	25,535	3,504	93.0%	Le Ann Seely	On-going program. Site assessment, Quality control and materials testing for various sites as identified through pre-screening.	On-going program. Site assessment, Quality control and materials testing for various sites as identified through pre-screening.
2014	4401456009	Mount Hope Park Redevelopment	470,000	59,223	4,249	406,528	13.5%	Mark Kosiuk	On-going program. Project is now overall site master plan. Detailed design to continue into 2017 with tender target to coordinate with Facilities work.	On-going program. Project is now overall site master plan. Detailed design to continue into 2017 with tender target to coordinate with Facilities work.
2014	4401456101	Perth Park - Grange School	425,000	382,438	-	42,562	90.0%	Cynthia Graham	Construction complete for phase 1, phase 2 for playground installation pending in 2017. Keep open.	Construction complete for phase 1, phase 2 for playground installation pending in 2017. Keep open.
2014	4401456300	Parkside Hills	90,000	9,800	-	80,200	10.9%	Leila Todd	On-going program. Land swap transaction / agreement completed. Design work to begin in 2017. Future funding will be required to implement park dev plan.	On-going program. Land swap transaction / agreement still in progress. Consider re-appropriation until transaction complete. Future funding will be required to implement park dev plan.
2014	4401456401	Parkland - Stadium Precinct	12,418,475	8,089,674	509,509	3,819,292	69.2%	Tom Bratico/Cynthia Graham	Investigations and site work (Facilities) in progress. As previous - design work and community consultation to be coordinated with Councillor and Neighbourhood Action Plan office.	Investigations and site work (Facilities) in progress. As previous - design work and community consultation to be coordinated with Councillor and Neighbourhood Action Plan office.
2015	4401556500	Meadowlands Park Ph 8 & 10	600,000	474,514	58,076	67,410	88.8%	Mark Kosiuk	Construction complete. Keep open pending deficiencies and holdback release.	Construction underway. Keep open until contract complete.
2015	4401556502	Flamborough YMCA Trail Link	120,000	81,070	-	38,930	67.6%	Cynthia Graham	Payment to Growth Management pending for reimbursement of trail construction.	Payment to Growth Management pending for reimbursement of trail construction.
2015	4401556503	Heritage Green Sports Pk Ph II	100,000	21,561	53,647	24,792	75.2%	Mark Kosiuk	Design work initiated for splash pad and area, to continue through 2016. Future funds required for implementation of park dev plans.	Design work initiated for splash pad and area, to continue through 2016. Future funds required for implementation of park dev plans.

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2015	4401556504	Trails Master Plan Update	311,000	118,344	54,397	138,259	55.5%	Cynthia Graham	Multi-yr. program. Future funds required to implement individual trail initiatives. Pending construction of Key Drage Trail Link through this account, to be constructed in fall 2016, pending legal agreement.	Multi-yr. program. Future funds required to implement individual trail initiatives
2015	4401556506	Vincent Massey Park Development	644,000	436,162	231,700	(23,862)	103.7%	Cynthia Graham	Construction is complete. Keep open pending deficiencies and holdback release.	Tender is awarded, construction underway. Keep open until contract complete.
2015	4401556507	Mountaingate North Park	300,000	30,000	-	270,000	10.0%	Cynthia Graham	To be used as funding source for other developer build projects through 2017 capital budget process.	Developer Build project. Funds required for reimbursement to Developer. To be committed on completion and invoicing.
2015	4401556510	Dundas Valley HS Soccer	250,000	31,766	-	218,234	12.7%	Cynthia Graham	Funding contribution for soccer field. Funds to be committed on invoicing expected in late 2016.	Funding contribution for soccer field. Funds to be committed on invoicing expected in late 2016.
2015	4401556511	Nash Orchard Park	78,646	10,367	-	68,279	13.2%	Leila Todd	Pre-design work has been initiated. Future funds required for implementation. Requirement for area development to progress prior to park work.	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	780,000	145,563	27,394	607,043	22.2%	Mark Kosiuk	Tender pending. Had to be retendered due to bid non-compliance. Target for construction was fall 2016, but likely spring 2017.	Tender pending. Construction waiting on assumption of land by city from developer. Target for construction in fall 2016.
2015	4401556513	Riverdale East Park Spray Pad	520,000	136,990	9,605	373,405	28.2%	HT Lam	tender close, but bid was high. Per procurement, negotiating with sole bidder for revised tender prices.	Tender target 2016
2015	4401556514	St Christopher's Park	230,000	53,005	34,536	142,459	38.1%	Leila Todd	Cllr driven program. Parks Ops Lead - to be completed in 2016	Cllr driven program. Parks Ops Lead - to be completed in 2016
2015	4401556515	Montgomery Splash Pad	200,000	-	-	200,000	0.0%	???	Project complete. Funds to be redirected to Gage Park walkways project through 2017 Capital budget program.	Project complete. Funds to be redirected to Gage Park walkways project through 2017 Capital budget program.
2015	4401556516	Carpenter Park Redevelopment	119,000	25,271	1,700	92,029	22.7%	Lawrence Stasiuk	Design in 2016, construction in 2017 for neighbourhood park improvements.	Design in 2016, construction in 2017 for neighbourhood park improvements.
2015	4401556802	Beach Park Dev Program	100,000	23,588	8,850	67,562	32.4%	HT Lam	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
2015	4401556810	Greenhill Park Trail	90,000	15,550	-	74,450	17.3%	Cynthia Graham	Trail development program is complete. To be redirected to Trails Master Plan Programming account for strategic trail planning through 2017 capital budget program.	Trail development program is complete. To be redirected to Trails Master Plan Programming account for strategic trail planning.

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2016	4401649620	Confederation Park - Wild Waterworks - Creation of a Master Plan for the Waterpark - HCA Lead	200,000	25,413	-	174,587	12.7%	Lawrence Stasiuk	HCA Lead. Project is a Councillor priority. Funds to contribute to a visioning exercise by HCA for Wild Waterworks facility.	HCA Lead. Project is a Councillor priority. Funds to contribute to a visioning exercise by HCA for Wild Waterworks facility.
2016	4401655600	Parks Testing and Reporting	50,000	10,987	13,577	25,436	49.1%	LeAnn Seeley	Ongoing program required for testing and quality control at park and trail development projects.	Ongoing program required for testing and quality control at park and trail development projects.
2016	4401656002	Gore Master Plan Phase 2 (Open Space Development Blk)	1,652,000	674,105	988,005	(10,110)	100.6%	Meghan Stewart	Construction underway of Gore Pedestrianization Phase 2. Keep open for duration of the contract.	Construction underway of Gore Pedestrianization Phase 2. Keep open for duration of the contract.
2016	4401656601	Bobolink Replacement Habitat	114,000	73,877	100,449	(60,326)	152.9%	Ken Wheaton	Bobolink habitat enhancement at Upper Ottawa Landfill site. Keep open for duration of the contract. Ongoing project, monitoring by MNR. Deficit to be rectified through closure of PO once work is complete, and WIP funding from Johnson Tew Park.	Bobolink habitat enhancement at Upper Ottawa Landfill site. Keep open for duration of the contract. Ongoing project, monitoring by MNR. Deficit to be rectified through closure of PO once work is complete, and WIP funding from Johnson Tew Park.
2016	4401656602	Summerlea East and West Trail	175,000	17,504	121,841	35,655	79.6%	Mark Kosiuk	Developer-build trail project. Construction complete. Keep open pending deficiencies.	Developer-build trail project. Construction underway. Keep open for duration of the contract.
2016	4401656603	Sam Lawrence Park	170,000	21,601	-	148,399	12.7%	LeAnn Seely	Investigation of engineering requirements for works at park to address aging viewing decks. Ongoing program. Parks Ops Lead	Investigation of engineering requirements for works at park to address aging viewing decks. Ongoing program. Parks Ops Lead
2016	4401656604	St. Christopher's School	300,000	38,119	-	261,881	12.7%	LeAnn Seely	Funds related to school purchase. Keep open. Councillor initiative.	Funds related to school purchase. Keep open. Councillor initiative.
2016	4401656605	Upper Stoney Creek Splash Pad #2	605,010	41,134	71,147	492,729	18.6%	Meghan Stewart	Funding from Cllr. Motion. Design in 2016, construction in 2017. Location at Maplewood Park.	Funding from Cllr. Motion. Design in 2016, construction in 2017. Location at Maplewood Park.
2016	4401656610	Turner Park Ball Field Irrigation	100,000	56,819	9,450	33,731	66.3%	Joseph Yu	Coordinated program with Parks Operations to upgrade irrigation at Turner Park. Future funds required.	Coordinated program with Parks Operations to upgrade irrigation at Turner Park. Future funds required.
2016	4401656613	RHV Trails Master Plan - The Turtle	154,000	19,789	-	134,211	12.9%	HT Lam	Tender awarded and construction underway. Keep open until contract complete.	Tender preparation underway with construction expected fall 2016. Keep open until contract complete.
2016	4401656615	McQuesten Urban Fitness Trail	70,000	8,894	-	61,106	12.7%	Leila Todd	Design of fitness node at McQuesten neighbourhood. Construction estimated for 2018. Keep open, ongoing program.	Design of fitness node at McQuesten neighbourhood. Construction estimated for 2018. Keep open, ongoing program.
2016	4401656802	Beach Park Development Program	100,000	10,000	-	90,000	10.0%	H T Lam	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.	On-going program. Funded through Beach Reserve at Councillor's request. For use at Cllr discretion.
Total Open Space Development			67,931,268	39,119,530	6,765,502	22,046,236	67.5%			

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			a	b	c	d	e			

West Harbour Strategic Initiative

2010	4241006001	Waterfront Priorities	2,000,000	1,861,058	-	138,942	93.1%	G. Norman	Available balance to be appropriated to 4411506108. Council approved use of surplus of \$138K towards 2017 Tax Capital Budget (Dec 14/16).	Project complete, PO closure pending, close next BER
2012	5181206222	Setting Sail-Floating Brkwater	4,860,000	3,993,002	350,597	516,401	89.4%	G. Norman	complete; subject to ongoing inspection. Review at end of 2016.	complete; subject to ongoing inspection. Review at end of 2016.
2013	4241306301	Waterfront Trust Projects	670,000	629,036	42,074	(1,110)	100.2%	G. Norman	Account can be closed; residual funds have been appropriated to 4411506108 and 4411506109	Account can be closed; residual funds have been appropriated to 4411506108 and 4411506109
2013	4901355303	Piers 5-8 Prkng&Traffic Study	100,000	62,336	37,654	10	100.0%	G. Norman	complete; plan to close at end of 2016 if no further work required through planning process	complete; plan to close at end of 2016 if no further work required through planning process
2013	8201355301	Real Estate Dev Implementation	100,000	95,806	-	4,194	95.8%	G. Norman	in progress; additional input from Chris Phillips may be required	in progress; additional input from Chris Phillips may be required
2013	8201355302	Urban Design & Dev - Piers 5-8	300,000	149,900	13,306	136,794	54.4%	G. Norman	UDS complete; transfer residual funds to 8201355880 and the close account.	UDS complete; plan to close at end of year if no other work is required
2013	8201355880	Implementation of Setting Sail	429,000	96,489	257,500	75,011	82.5%	G. Norman	Work-Plan is in-progress to support projects in the broader West Harbour "Setting-Sail" area involving real estate solicitation, CityHousing Hamilton and affordable housing, and minor public-space enhancements. Will be completed by 2018.	Per original intent, keep open to fund projects not specifically funded but required to implement waterfront redevelopment strategy; e.g. Deloitte Study looking at Options for Affordable Housing (draft complete) and the West harbour Community Engagement Plan (in progress).
2015	4411506101	Pier 7 Docks & Pier 8 Repair	4,300,000	4,395,673	331,855	(427,528)	109.9%	G. Norman	Variance will be resolved in 4th quarter upon finalizing construction and payments to vendors. Despite accounting error, the variance should be reduced because project contingency will not be spent.	Overspent due to 2013/14/15 chargebacks being applied from 4411356800 following creation of new project ID in June 2015 - accounting error; plan to close at end of 2016
2015	4411506102	Pier 4 Repair & Pier 8 Trail	185,000	198,799	66,109	(79,908)	143.2%	G. Norman	Variance will be resolved in 4th quarter upon finalizing payments to vendors. Despite accounting error (Estimate-chargebacks), the variance should be reduced because project savings were found and contingency will not be spent.	Overspent due to 2013/14/15 chargebacks being applied from 4411356800 following creation of new project ID in June 2015 - accounting error; can be closed following review of any outstanding deficiencies; plan to close at end of 2016
2015	4411506103	Pier 8 Sanitary PS & Forcemain	2,850,000	219,027	591,366	2,039,607	28.4%	G. Norman	in progress	in progress
2015	4411506104	West Harbour Draft Plan&Zoning	500,000	352,789	129,297	17,914	96.4%	G. Norman	in progress	in progress
2015	4411506105	Pier 5-7 Marina Reconstruction	7,635,000	485,497	29,138	7,120,365	6.7%	G. Norman	awarded - in progress	awarded - in progress
2015	4411506106	Marina Services & Gas Dock	90,000	6,809	-	83,191	7.6%	G. Norman	project underway	to start in Q3 2016
2015	4411506107	Pier5-7 Marina Shoreline Rehab	4,340,000	716,706	7,699	3,615,595	16.7%	G. Norman	functional planning underway	functional planning underway

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2015	4411506108	West Harbour RSC	893,000	885,242	8,848	(1,090)	100.1%	G. Norman	project budget to be expanded by appropriating funds for specific projects where environmental work is required. Work to be completed in 2017/18	in progress
2015	4411506109	West Harbour Site Remediation	1,382,000	244,344	28,130	1,109,526	19.7%	G. Norman	in progress; work to be completed in 2017/18	in progress
2015	4411506110	Bayfront Park Entrance Rehab	125,000	9,457	-	115,543	7.6%	G. Norman	Parks and Cemeteries contacted with direction to journal \$ spent to this account; to be finalized by end of 2016	work is complete; \$ should have been spent; to follow up with Parks
2015	4411506111	Bayfront Park Beach Study	200,000	47,012	68,118	84,870	57.6%	G. Norman	in progress; scope of phase 1 study expanding to include more public engagement	in progress
2015	4411506201	Central Park Master Plan	100,000	50,490	62,559	(13,049)	113.0%	G. Norman	master plan complete; detail design starting Q4; variance to be resolved upon completion of design	in progress
2016	4411606001	CHH Site Servicing Study	120,000	15,524	-	104,476	12.9%	G. Norman	in progress	in progress
2016	4411606002	Real Estate Disposition Process	260,000	104,856	-	155,144	40.3%	G. Norman	Report PED14002C entitled West Harbour Solicitation Process for Pier 8 lands is being presented to GIC on November 2, 2016. Work-Plan will be complete by Q.1 2017	in progress
2016	4411606003	Community Engagement Imp.	260,000	104,621	-	155,379	40.2%	G. Norman	in progress; to be complete 2018	in progress
2016	4411606004	Marketing Communication Imp.	230,000	51,421	62,700	115,879	49.6%	G. Norman	in progress; to be complete 2018	in progress
2016	4411606101	Pier 6-8 Servicing Design	1,060,000	197,340	32,317	830,343	21.7%	G. Norman	Q3 2016 start	Q3 2016 start
2016	4411606102	Pier 5-7 Boardwalk	150,000	19,406	-	130,594	12.9%	G. Norman	Q4 2016 start	Q3 2016 start
2016	4411606103	Pier 6 Artisan Village (CAN150)	170,000	21,993	-	148,007	12.9%	G. Norman	2017 start	Q3 2016 start
2016	4411606104	Pier 7 Commercial Village	350,000	45,278	-	304,722	12.9%	G. Norman	2017 start	Q3 2016 start
2016	4411606105	Pier 8 Shorewall	1,175,000	152,007	-	1,022,993	12.9%	G. Norman	Q4 2016 start	Q3 2016 start
2016	4411606106	Pier 8 Promenade	175,000	22,639	-	152,361	12.9%	G. Norman	Q4 2016 start	Q3 2016 start
2016	4411606111	Bayfront Park Beach Rehab	80,000	71,153	-	8,847	88.9%	G. Norman	subject to recommendation of beach study; possible start in 2017/18; \$470K to be appropriated back into account in 2017.	subject to recommendation of beach study; possible start in 2017/18; \$470K to be appropriated back into account in 2017.
2016	4411606201	Bar-Tiff Site Remediation	350,000	48,325	-	301,675	13.8%	G. Norman	in progress	in progress

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2016	4411606202	Bar-Tiff Site Servicing Study	120,000	15,525	-	104,475	12.9%	G. Norman	Q2 2016 start	Q2 2016 start
<u>Total West Harbour Initiative</u>			35,559,000	15,369,560	2,119,267	18,070,173	49.2%			

Energy Initiatives

2014	7901448401	Combined Heat Power Macassa	1,525,000	16,466	30,338	1,478,196	3.1%	Faisal Jilani	Finalizing a Detailed Engineering Study. Expected completion date is end of Oct 2016.	Feasibility Study underway. Report to be delivered Aug 1st 2016
2014	7901448402	Transit Centre EE Lighting	290,000	366,094	5,525	(81,619)	128.1%	Faisal Jilani	This project formally closed. No further commitments. Incentives will be applied to project cost Capital appropriation of additional funds from Energy WIPS	Substantial Completion issued June 9 2016. Eligible for close out of PO by middle of Q3
2014	7901448403	Low E Ceilings-Arenas	75,000	6,745	93,312	(25,057)	133.4%	Mitch Carson	Construction Complete. Close out Q4. Incentives will be applied to project cost. Capital appropriation of additional funds from Energy WIPS	Construction is now complete. Awaiting final invoicing from vendor. Close out end of Q3
2014	7901448404	EE Lighting Parking Garages	500,000	460,454	83,428	(43,882)	108.8%	Faisal Jilani	Expect substantial completion mid Nov 2016. Incentives will be applied to project cost	Construction delayed due to extended delivery of product. Completion date revised to end of Q3
2014	7901448405	EE Lighting Aquatic Centres	300,000	304,891	-	(4,891)	101.6%	Mitch Carson	Finance closing out . Incentives will be applied to project cost	All invoices have now been cleared. Instructions to close out PO have been issued
2014	7901448406	Ice Plant Optimization Arenas	450,000	-	65,000	385,000	14.4%	Mitch Carson	Construction still underway. On track to complete by end of October.	Construction underway still on track for Oct completion
<u>Total Energy Initiative</u>			3,140,000	1,154,650	277,603	1,707,747	45.6%			

Corporate Energy

2013	3541341730	Ham Place Lifecycle Repl	653,974	444,513	13,197	196,264	70.0%	Frank Gazzola	Now project is complete Journal Transfer can be completed.	Final invoicing has been cleared. Instruction to finance to close out PO have been issued
2013	3541341734	Convention Centre Lifecycle	350,000	51,956	104,093	193,951	44.6%	Frank Gazzola	Now project is complete Journal Transfer can be completed.	Final invoicing has been cleared. Instruction to finance to close out PO have been issued
2013	3541351006	Building Automated Systems	600,000	256,849	9,500	333,651	44.4%	Frank Gazzola	BAS pilot upgrade at Stoney Creek City Hall is 100% complete. All invoices were paid out. Project is now formally close.	Stoney Creek Town Hall project is substantially complete. PO to be closed by end of Q3
2014	3541451004	HVAC Energy Efficiency Upgrade	350,000	204,186	115,158	30,656	91.2%	Robyn Ellis	Project is complete. Anticipated commitments to clear in 2016. Favourable variance to fund deficit in 3541451403.	Project is complete. Anticipated commitments to clear in 2016
2014	3541451403	BAS System Relocate & Upgrade	82,895	74,550	8,345	-	100.0%	Robyn Ellis	Project complete. Once commitment clear in 2016 can close. Deficit to be funded from 3541451004.	Project complete. Once commitment clear in 2016 can close. Deficit to be funded from 3541451510
<u>Total Division</u>			2,036,869	1,032,054	250,293	754,522	63.0%			

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Fleet										
2010	3541057002	Avantis Software Up-grade	330,000	352,936	9,500	(32,436)	109.8%	Al Fletcher	Overage to be funded from WIPS; to be closed when resolved	Overage to be funded from operating budget; to be closed when resolved
2013	4941351100	2013 Central Fleet Replacement	5,697,313	4,741,677	955,636	-	100.0%	Tom Kagianis	Invoices being processed; to be closed when resolved	Invoices being processed, scheduled to be closed in Q3 2016
2014	4941451003	Restoration - Fleet Fuel Sites	1,295,000	119,594	109,715	1,065,691	17.7%	Al Fletcher/Jack Sheen	Consultant engaged, draft specifications for RFQ being prepared as per 2016 1.2M additional funding (capital sheet + gage park)	Consultant engaged, specification drawings for RFQ being prepared as per 2016 capital sheet + gage park
2014	4941451100	Fleet Vehicle & Equipment Repl	5,391,000	3,937,400	1,277,189	176,411	96.7%	Tom Kagianis	The remaining 176k is on schedule to be committed Q4 2016	The remaining 356k is on schedule to be committed Q4 2016
2015	4941551001	Shop Equipment Replacement	153,000	147,869	45,516	(40,385)	126.4%	Jason Grins	Projects completed, Finance to close Po's then close project. Anticipated surplus to be transferred to 4941651001	Projects completed, funds to be reallocated to 2016 shop equipment replacement
2015	4941551100	Fleet-Vehicle & Equipment Repl	5,702,000	898,242	2,722,806	2,080,952	63.5%	Tom Kagianis	On schedule for completion Q4 2017	On schedule for completion Q4 2017
2015	4941551503	Restore-Ntrl Gas Compressor	61,670	76,401	3,783	(18,514)	130.0%	Al Fletcher	Overage to be funded from project 4941451003 WIPS; to be closed when resolved	Currently seeking funding source for overage; to be closed when resolved
2016	4941651001	Shop Equipment Replacement	160,000	-	61,250	98,750	38.3%	Tom Kagianis	Various hoist, diagnostic equipment, and racking replacement is underway	Planning for contract is underway, expected receipt of equipment Q2 2017
2016	4941651004	Street Sweeper Purchase	650,000	-	-	650,000	0.0%	Jack Sheen	Planning for contract is underway, expected receipt of equipment Q2 2017	Work to replace hoist, diagnostic equipment, and racking replacement is underway
2016	4941651100	Fleet Vehicle&Equipment Replace Program	7,510,700	392,626	3,686,784	3,431,290	54.3%	Tom Kagianis	On schedule for completion and receipt of equipment pre end of 2018	On schedule for completion and receipt of equipment pre end of 2018
Total Corporate Energy			26,950,683	10,666,745	8,872,179	7,411,759	72.5%			
Facilities										
2011	3541141010	Facility Upgrades Libraries	1,136,945	1,178,977	2,598	(44,630)	103.9%	R. Ellis	Structural matter at Kenilworth is complete. Waiting for financial close in 2017.	P.O. cannot be closed yet until structural matter at Kenilworth are resolved.
2011	3541141106	Fire EMS Stns Mould Repairs	1,653,161	1,636,777	-	16,384	99.0%	C. McKay	Reconcile then close next BER	Surplus to be appropriated to 2016 Fire Facilities 3541641013 to fund annual program then close
2012	3541241010	Facility Upgrades to Hamilton Public Libraries Program	365,000	184,778	113,961	66,261	81.8%	L. Keermaa	Structural matter at Kenilworth is complete. Waiting for financial close in 2017.	Investigation by 3rd party Consultant of subsurface settlement in progress. Working with Legal Services to assist with ongoing steps to rectify deficiencies into Q2 2016.
2012	3541241412	Roof Management Program	675,000	722,949	1,731	(49,680)	107.4%	T. Briatico	Reappropriate or journal from 3541641412 to mitigate unfavourable variance then close.	This is a year to year Capital Program. Once commitments have cleared late in 2016, the PROJID will require reappropriations then will be closed.

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2013	3541341010	Facility Upgrades Libraries	350,000	336,595	9,843	3,562	99.0%	R. Ellis	Small surplus to be appropriated to 2016 Library Facilities 3541641010 to fund annual program then close.	Small surplus to be appropriated to 2016 Library Facilities 3541641010 to fund annual program then close
2013	3541341013	Firestations Facility Upgrade	411,162	371,548	39,429	185	100.0%	R. Ellis	This is a year to year Capital Program. CO monitoring at Fire Stations currently underway. Once commitments have cleared in 2016/2017, the PROJID will be closed and remaining funds will offset future annual funding demand.	This is a year to year Capital Program. CO monitoring at Fire Stations currently underway. Once commitments have cleared in 2016/2017, the PROJID will be closed and remaining funds will offset future annual funding demand.
2013	3541341409	Code & Legislative Compliance	515,000	501,706	15,151	(1,857)	100.4%	C. McKay	Small surplus to be appropriated to 2016 Compliance 3541641409 to fund annual program then close	Small surplus to be appropriated to 2016 Compliance 3541641409 to fund annual program then close
2013	3541341412	Roof Management Program	500,000	419,615	43,743	36,642	92.7%	T. Briatico	Phase 2 at 330 Wentworth is complete. Q4 2015. Commitments anticipated to clear 2016. This is an annual program and ongoing roofing work is in progress. Surplus to offset future annual funding deficits and demand.	Phase 2 at 330 Wentworth is complete. Q4 2015. Commitments anticipated to clear 2016. This is an annual program and ongoing roofing work is in progress. Surplus to offset future annual funding deficits and demand.
2013	3541341532	Facility Capital Maintenance	680,293	569,065	15,050	96,178	85.9%	R. Ellis	Reconcile with anticipated deficits in program then CLOSE Q4 2016.	Reconcile with anticipated deficits in program then CLOSE Q3 2016.
2013	3541349003	Backflow Prevention-Facilities	1,903,000	761,280	642,853	498,867	73.8%	C. McKay/K. Zukauskas	Backflow device installations on track to be completed to 2014/2015 plan and into 2016 with identified priority properties. Council approved use of surplus of \$100K towards 2017 Tax Capital Budget (Dec 14/16).	Backflow device installations on track to be completed to 2014/2015 plan and into 2016 with identified priority properties.
2013	3541351005	Generator BlackOut Testing	282,000	176,096	60,865	45,039	84.0%	T. Briatico	Completion 2016/2017. Surplus to be utilized for electrical deficiencies in 2016/2017 found during testing in 2015.	Completion 2016/2017. Surplus to be utilized for electrical deficiencies in 2016/2017 found during testing in 2015.
2013	3541355001	Yard Capital Renewal Program	374,457	321,732	52,913	(188)	100.1%	T. Briatico	Project fully committed. P.O.s to be closed and PROJID to be closed in 2016. Minimal remaining funds to be appropriated to 2016 Yard Program #354165501 to fund anticipated deficit.	Project fully committed. P.O.s to be closed and PROJID to be closed in 2016. Minimal remaining funds to be appropriated to 2016 Yard Program #354165501 to fund anticipated deficit.
2013	3541357001	Archibus-Facility Maintenance	50,000	29,372	20,500	128	99.7%	C. Phinney	Project fully committed. Once commitments clear, PROJID to be closed in 2016/2017.	Project fully committed. Once commitments clear, PROJID to be closed in 2016/2017.
2013	4401356800	Bayfront Park Work Yard	1,950,000	403,223	105,582	1,441,195	26.1%	C. Euale	Multi-year project. Project currently in re-design due to soil conditions and cost.	Multi-year project. Project currently in re-design due to soil conditions and cost. Applied for ISF funds. Tender anticipated for 2016.
2014	3541441010	Facility Upgrades Libraries	252,000	172,459	96,406	(16,865)	106.7%	R. Ellis	Remaining Library AODA audits complete utilizing new AODA Roster. Ongoing program for library facility capital.	Remaining Library AODA audits complete utilizing new AODA Roster. Ongoing program for library facility capital.
2014	3541441013	Firestations Facility Upgrade	198,227	172,074	23,141	3,012	98.5%	R. Ellis	Anticipated closure of the PROJID in 2017 once commitments clear.	Anticipated closure of the PROJID in Q4 2016 once commitments clear.

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2014	3541441401	POA Administration Offices	32,880,000	3,348,677	25,604,371	3,926,952	88.1%	L. Nelson J. Warner	Construction Management contract with Eastern Construction to be tendered in packages to subs. Construction underway. Completion anticipated by Mar/18.	Construction Management contract with Eastern Construction to be tendered in packages to subs. Demolition starts by Mar/16. Completion anticipated by Mar/18.
2014	3541441402	MTC - CNG facility upgrades	118,000	105,477	32,380	(19,857)	116.8%	C. Euale	Tender awarded. Construction start anticipated before end of 2016. The variance of the project is well under 10% when this PID is read together with PID 3541641402 which is a \$1.309M project. Also, deficit will not exist if contingency is not required.	Design complete. Tender in process of award. Construction start anticipated before end of 2016.
2014	3541441409	Code & Legislative Compliance	750,000	526,412	262,114	(38,526)	105.1%	C. McKay	Remaining funds will be utilized for the Compliance programs budgeted for 2014/2015 and ongoing compliance initiatives into 2016. Council approved use of surplus of \$150K towards 2017 Tax Capital Budget (Dec 14/16).	Remaining funds will be utilized for the Compliance programs budgeted for 2014/2015 and ongoing compliance initiatives into 2016.
2014	3541441412	Roof Management Program	591,000	487,047	102,009	1,944	99.7%	T. Briatico	All work to be completed and payments to be issued by Q1 2017. Anticipated closure of the PROJID in Q3 2017 once commitments clear.	All work to be completed and payments to be issued by Q2 2016. Anticipated closure of the PROJID in Q3 2016 once commitments clear.
2014	3541441532	Facility Capital Maintenance	427,692	411,454	23,113	(6,875)	101.6%	R. Ellis	Project fully committed for 2015. Ongoing program for emergency repairs at facilities due to aging infrastructure. Once commitments clear in 2016, small anticipated surplus to fund demand in annual program.	Project fully committed for 2015. Ongoing program for emergency repairs at facilities due to aging infrastructure. Once commitments clear in 2016, small anticipated surplus to fund demand in annual program.
2014	3541441631	Facilities Security Program	120,000	141,854	3,480	(25,334)	121.1%	C. Alkerton M. Langille	Commitments anticipated to clear in 2016/2017. Once commitments clear, the PID can be reconciled from PID 3541641631 then closed.	Anticipated commitments to clear Q3 2016.
2014	3541441648	Parking Lot Rehabilitation	50,000	4,548	35,000	10,452	79.1%	T. Briatico	Commitments anticipated to clear in 2016/2017. Once commitments clear, the PID can be reconciled then closed.	Pending P.O. (increase) at Ancaster Lawn Bowl to be closed Q3. Surplus funding in program year to be utilized to offset future parking lot projects design and construction (annual program).
2014	3541441729	Copps Lifecycle Renewal Program	420,000	353,260	74,255	(7,515)	101.8%	C. Euale	Commitments anticipated to clear in 2016/2017. Once commitments clear, the PID can be reconciled then closed.	Funds to be used on infrastructure, de-commissioning of former ice plan and Energy project.
2014	3541441910	RCMP Lease-Capital Replacement	434,000	182,307	41,985	209,708	51.7%	T. Briatico	Design & tender work is ongoing on Stoney Creek City Hall exterior Cladding/Window/Skylight rehabilitation to start design by end of 2016.	Design & tender work is ongoing on Stoney Creek City Hall exterior Cladding/Window/Skylight rehabilitation to start design by end of 2016.

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2014	3541455001	Yard Capital Renewal Program	290,905	153,970	16,623	120,312	58.6%	T. Briatico/ J. Joginder	Leaks to building envelope require redirecting remaining funds to the McNab Tunnel building envelope by end of 2016 to prevent further damage to controls located within the tunnel.	Leaks to building envelope require redirecting remaining funds to the McNab Tunnel building envelope by end of 2016 to prevent further damage to controls located within the tunnel.
2015	3541541010	Facility Upgrades Libraries	100,000	99,372	2,018	(1,390)	101.4%	R. Ellis	Commitments anticipated to clear in 2016/2017. Once commitments clear, the PID can be reconciled then closed.	Commitments anticipated to clear in 2016/2017. Once commitments clear, the PID can be reconciled then closed.
2015	3541541015	City Hall Doors	305,000	365,764	24,635	(85,399)	128.0%	R. Ellis	Work is completed. Completing deficiencies. Once POs clear in 2016, PROJID can be reconciled & closed. Lower deficit is anticipated. Deficit will be mitigated from the 2018 capital budget process (at the end of the warranty period).	Work is completed. Completing deficiencies. Once commitments have cleared in 2016, PROJID can be reconciled and closed.
2015	3541541409	Code & Legislative Compliance	450,000	268,136	127,975	53,889	88.0%	R. Ellis	Remaining funds will be utilized for the Compliance programs budgeted for 2015, targeting completion in 2016.	Remaining funds will be utilized for the Compliance programs budgeted for 2015, targeting completion in 2016.
2015	3541541412	Roof Management Program	692,501	576,643	110,305	5,553	99.2%	R. Ellis	Funds are fully committed. Once commitments have cleared in 2016, PROJID can be reconciled and closed.	Funds are fully committed. Once commitments have cleared in 2016, PROJID can be reconciled and closed.
2015	3541541510	Control Ctre & Automation Upgr	1,100,000	323,475	109,202	667,323	39.3%	R. Ellis	Relocation of building control centre is complete. Remaining automation priorities for future years to be determined in 2016.	Relocation of building control centre is still underway. Remaining automation priorities for future years to be determined in 2016.
2015	3541541532	Facility Capital Maintenance	539,092	523,325	32,482	(16,715)	103.1%	R. Ellis	Glanbrook Arena HVAC replacement project nearly complete. Project anticipated to be financially complete in 2016. Ongoing program for emergency repairs at facilities due to aging infrastructure.	Glanbrook Arena HVAC replacement project nearly complete. Project anticipated to be financially complete in 2016. Ongoing program for emergency repairs at facilities due to aging infrastructure.
2015	3541541550	Turner Pk Comm Centre Mtnce	50,000	3,053	-	46,947	6.1%	R. Ellis	2016 in planning phase to expand parking lot and conduct traffic flow study.	2016 in planning phase to expand parking lot and conduct traffic flow study.
2015	3541541631	Facilities Security Program	150,000	48,725	4,980	96,295	35.8%	R. Ellis	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2016.	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2016.
2015	3541541648	Parking Lot Rehabilitation	326,650	282,217	48,593	(4,160)	101.3%	R. Ellis	Ryerson Recreation Centre parking lot replacement has been tendered (along with a few other tenders) and construction was underway in Q3 2016.	Ryerson Recreation Centre parking lot replacement has been tendered (along with a few other tenders) and construction will commence Q3 2016.

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2015	3541549099	330 Wentworth Site Remediation	800,000	901,706	10,256	(111,962)	114.0%	R. Ellis	Project Complete. POs expected to clear in 2016, PROJID to be reconciled & closed. Project to be funded per report (LS14029/PW14077) - GIC July 7 2014. Costs were estimated to be up to \$1M. Expenses did not exceed \$1M.	Project Complete. Once commitments have been cleared in 2016, PROJID to be reconciled and closed.
2015	3541557001	Archibus-Facility Maintenance	50,000	5,684	-	44,316	11.4%	R. Ellis	Next phase of inventory and PMs to commence in 2016.	Next phase of inventory and PMs to commence in 2016.
2016	3541641010	Facility Upgrades Libraries	200,000	9,748	103,000	87,252	56.4%	R. Ellis	Library facilities renewals ongoing in 2016	Library facilities renewals ongoing in 2016
2016	3541641013	Firestations Facility Upgrade	346,741	19,817	103,675	223,249	35.6%	R. Ellis	Fire station facilities renewals ongoing in 2016	Fire station facilities renewals ongoing in 2016
2016	3541641402	MTC - CNG Facility Upgrades	1,309,000	8,223	1,300,777	-	100.0%	R. Ellis	Tender awarded. Construction start anticipated before end of 2016.	Design complete. Tender in process of award. Construction start anticipated before end of 2016.
2016	3541641409	Code & Legislative Compliance	880,000	87,707	367,638	424,655	51.7%	R. Ellis	City Hall structural rehabilitation tender, construction started Q2 2016	City Hall structural rehabilitation tender, construction started Q2 2016
2016	3541641412	Roof Management Program	920,000	485,783	364,970	69,247	92.5%	R. Ellis	Roof replacements ongoing in 2016. Surplus to fund overage in 3541241412.	Roof replacements ongoing in 2016.
2016	3541641532	Facility Capital Maintenance	700,000	3,996	50,000	646,004	7.7%	R. Ellis	Emergency and maintenance renewal works ongoing in 2016. \$400k committed to BMRC project through Council Report PW16070.	Emergency and maintenance renewal works ongoing in 2016.
2016	3541641601	Animal Contrl Facility Design	75,000	4,610	28,806	41,584	44.6%	R. Ellis	Animal control works started in 2016.	Animal control works started in 2016.
2016	3541641602	Anc Memorial Arts&Culture Cntr	1,200,000	20	25,000	1,174,980	2.1%	R. Ellis	Design contract will be committed on the books by end of 2016.	Contract for design will be awarded in 2016.
2016	3541641631	Facilities Security Program	150,000	46,046	21,717	82,237	45.2%	R. Ellis	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2016. Will use funds to reconcile 3541441631.	Corporate Security Review has been completed. Funds are to implement and execute the recommendations of the review in 2016.
2016	3541641638	Overhead Door Replacement Prog	100,000	35,548	-	64,452	35.5%	R. Ellis	Overhead Door Replacements ongoing in 2016.	Overhead Door Replacements ongoing in 2016.
2016	3541641648	Parking Lot Rehabilitation	250,000	-	90,000	160,000	36.0%	R. Ellis	Parking lot rehabilitations in multiple locations such as Fire Station 27 and Ryerson Recreation Centre are outstanding in 2016, design work starting on 2017 parking lot replacements.	Parking lot rehabilitations in multiple locations such as Fire Station 27 and Ryerson Recreation Centre are outstanding in 2016
2016	3541641910	RCMP-Lease-Capital Replacement	210,000	5,688	45,410	158,902	24.3%	R. Ellis	2016 work at Stoney Creek City Hall has begun.	2016 work at Stoney Creek City Hall has begun.

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2016	3541655001	Yard Capital Renewal Program	344,190	-	106,821	237,369	31.0%	R. Ellis	Work at yards ongoing in 2016 (e.g. salt domes).	Work at yards ongoing in 2016 (e.g. salt domes).
2016	3541655100	AM Condition&Feasibility Assmt	106,920	-	6,500	100,420	6.1%	R. Ellis	2016 Building Condition Assessments to be completed.	2016 Building Condition Assessments to be completed.
2016	3541657001	Archibus-Facility Maintenance	100,000	-	-	100,000	0.0%	R. Ellis	2016 work in Archibus ongoing with programmers (e.g. space planning and repairing broken links)	2016 work in Archibus ongoing with programmers (e.g. space planning and repairing broken links)
Total Facilities			58,832,936	17,778,538	30,523,856	10,530,542	82.1%			

Entertainment Facilities

2011	3721141801	HCC Interior Renovations	300,000	296,804	10,042	(6,846)	102.3%	Robyn Ellis	Work on HCC doors complete and in process of financially closing. To be added to list of POs to be closed in 2017.	Work on HCC doors still ongoing. To be added to list of POs to be closed in 2016.
2012	3721241801	HCC Interior Renovations	200,000	257,221	350	(57,571)	128.8%	Robyn Ellis	Funds fully committed. Anticipated commitments to clear in Q1 2017. Reconciliation and close to follow. Anticipated deficit will be mitigated with re-appropriation from 3721541805, annual program for HCC HP & CC Lifecycle Renewal.	Funds fully committed. Anticipated commitments to clear in 2016. Reconciliation and close to follow.
2012	3721241803	HP Replacements & Renovations	200,000	187,924	37,711	(25,635)	112.8%	Robyn Ellis	Reconcile then close next BER. Significantly smaller deficit is anticipated once final invoices are paid. Anticipated deficit will be mitigated with re-appropriation from 3721541805, annual program for HCC HP & CC Lifecycle Renewal..	Fund fully committed. Awaiting final invoices and to close PO. To be added to list of PROJIDs to be closed in Q4 2016.
2013	3721341801	HCC Interior Renovations	200,000	135,212	141,324	(76,536)	138.3%	Robyn Ellis	Funds fully committed. Commitments anticipated to clear in Q1 2017. Significantly smaller deficit is anticipated once final invoices are paid. Deficit will be mitigated with re-appropriation from 3721541805, annual program for HCC HP & CC Lifecycle Renewal.	Funds fully committed. Construction complete on elevators & escalators to comply with TSSA orders. HCC banquet ceiling work & skylight replacement complete. Exterior door project underway. Commitments anticipated to clear in 2016.
2014	3721441805	HCC,HP & CC Lifecycle Renewal	990,148	461,842	587,604	(59,298)	106.0%	Robyn Ellis	Feasibility on future elevator/escalator work & lifecycle planning completed. Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement 2017 program (annual).	Feasibility on future elevator/escalator work & lifecycle planning completed. Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement 2016 program (annual).
2015	3721541803	HP Replacements & Renovations	200,000	153,260	37,089	9,651	95.2%	Robyn Ellis	Next phase of carpet replacement at HP is underway. Furniture replacement complete.	Next phase of carpet replacement at HP is underway summer 2016. Furniture replacement is on order and will arrive Q3 2016.

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2015	3721541805	HCC HP & CC Lifecycle Renewal	832,119	326,966	156,428	348,725	58.1%	Robyn Ellis	Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement large works planned for 2017 program (annual).	Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement 2016 program (annual).
2016	3721641805	Program HCC, HP & FOC Lifecycle Renewal	800,000	8,250	66,750	725,000	9.4%	Robyn Ellis	Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement large capital works planned for 2017 program (annual).	Roofing work at FOC and boiler repair work at HCC underway. Surplus funds to supplement 2017 program (annual).
<u>Total Entertainment Facilities</u>			3,722,267	1,827,479	1,037,298	857,490	77.0%			

Recreation Facilities

2005	7100554707	Flamborough Twin Pad Arena	18,820,170	18,992,128	127,364	(299,322)	101.6%	Clark Euale	Project complete. Portion of property to be sold by Real Estate&Rec City Services. Sale proceeds part of the funding model. Anticipate sale by Q4 2016.	Project complete. Portion of property to be sold by Real Estate&Rec City Services. Sale proceeds part of the funding model. Anticipate sale by Q4 2016.
2010	7101041707	ISF-2425 Morgan Firestone Twin	10,275,000	10,334,172	-	(59,172)	100.6%	Janet Warner	Project close pending litigation results anticipated in Q4 2017. Closing to be delayed until the matter is reviewed again late in 2017.	Awaiting further direction from Legal Services.
2011	7101154710	Senior Centre - Waterdown	1,300,000	1,351,231	114,000	(165,231)	112.7%	Sam Gargarell o	Construction complete/Facility open. Lower Deficit anticipated when viewed with Library PID 7500641101 (same facility construction) under 10% of budget. Deficit mitigation plan with Corp Finance for project closure once all PO's & warranty issues resolved.	Construction completed in Q4, 2015. Facility is open. Project to close once commitments clear in 2016.
2011	7101155601	Winona Feasibility Study	75,000	44,572	-	30,428	59.4%	Robyn Ellis	Reconcile then close next BER	Winona Surplus Elementary School Building Feasibility completed. This project requires possible future property assessment in Winona. Additional funds required to proceed. Working with Recreation and Ward Councillor.
2011	7101158709	Rosedale Outdoor Pool	1,975,000	1,964,910	-	10,090	99.5%	Laurie Nelson	Reconcile then close next BER	Project is complete. Project to be closed once commitments clear.
2012	4241209108	Churchill Prk Bwling Wintrznng	200,000	144,372	31,222	24,406	87.8%	Kevin Berry	Currently under possible rescoping to determine priority of accessibility upgrades to Churchill Lawn Bowling versus funds for HVAC winterizing	Currently under possible rescoping to determine priority of accessibility upgrades to Churchill Lawn Bowling versus funds for HVAC winterizing
2012	7101241706	Recreation Centre Retrofits	330,940	309,169	19,903	1,868	99.4%	Robyn Ellis	PO closure to be initiated once invoicing resolved then CLOSE Q4 2016	PO closure to be initiated once invoicing resolved then CLOSE Q3 2016
2012	7101245215	Parking Lot Management	400,000	344,705	-	55,295	86.2%	Jeet Joginder	New commitments on this PID as of November.	Project is complete. Project to be closed once commitments clear.

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2012	7101254201	Scott Park-New Senior Centre	19,500,000	2,432,558	20,989,805	(3,922,363)	120.1%	Janet Warner	Tender Awarded and construction started. \$4.4M in additional funds approved as part of report PW16070. Corporate Finance to transfer.	Civil Tender Awarded. Recreation Centre Tender in Process of Award. Construction start targeted Q3 2016.
2012	7101254214	Freelton Park Building	2,780,000	2,473,815	454,457	(148,272)	105.3%	Kevin Berry	Construction completed, pending financial close in 2017/2018. In coordination with LAS project 4401156916	Construction started. Foundations poured. Construction completion anticipated Q3 2016. In coordination with LAS project 4401156916
2012	7101254216	Program - Roof Management	600,000	561,684	12,598	25,718	95.7%	Kevin Berry	PO closure to be initiated once invoicing resolved then CLOSE Q1 2017	PO closure to be initiated once invoicing resolved then CLOSE Q3 2016
2012	7101258701	Birge Outdoor Pool Redevelop	865,000	386,796	35,665	442,539	48.8%	Kevin Berry	There are 2 PROJIDs for Birge Outdoor Pool. Most P.O.s were committed out of the other PROJ ID: 7101458401. Birge construction complete. Pending financial close in 2017/2018.	There are 2 PROJIDs for Birge Outdoor Pool. Most P.O.s were committed out of the other PROJ ID: 7101458401. Birge construction underway. Delays and costs for the project due to unforeseen structural issues associated with the CN Line.
2013	4241309203	Cent Mem Rec Cntr - dgtl sign	35,000	30,667	4,459	(126)	100.4%	Kevin Berry	Sign in form of awnings on Central Memorial is complete per design from Stinson Community Association. Project pending financial close in 2017.	Design commenced Q2 2015 with engagement from Stinson Community Association. Sign completion anticipated for 2016.
2013	7101341350	Greensville Hall Structure	329,340	324,348	17,836	(12,844)	103.9%	Lukas Keermaa	Construction complete. Project to financially close in 2017.	Construction complete. Project to financially close in 2016/early 2017.
2013	7101341701	Community Halls Retrofits	1,449,000	1,259,760	174,129	15,111	99.0%	Lu-Ann Duxbury	Waterdown Memorial Hall construction currently underway. Construction completion anticipated in Q4 2016.	Waterdown Memorial Hall construction currently underway. Completion anticipated in Q3 2016.
2013	7101354104	Ancaster Senior Centre Expand	1,848,060	2,014,760	-	(166,700)	109.0%	Laurie Nelson	Project complete. Project reconciliation to be completed with corporate finance and in consultation with legal services due to termination and change of general contractor.	Project complete. Project reconciliation to be completed with corporate finance and in consultation with legal services due to termination and change of general contractor.
2013	7101354105	Park & Fieldhouse Retrofits	1,205,835	1,151,654	57,012	(2,831)	100.2%	Lukas Keermaa	Ancaster Lawn Bowling & Tennis substantially complete. Legal working w/Bonding company to rectify outstanding construction deficiencies. Surplus funding to offset annual funding demand.	Ancaster Lawn Bowling & Tennis substantially complete. Legal working w/Bonding company to rectify outstanding construction deficiencies. Surplus funding to offset annual funding demand.
2013	7101354202	New Dalewood Community Centre	1,900,000	1,612,450	218,861	68,689	96.4%	Clark Euale	Construction complete. Project to financially close in 2017.	Construction complete. Project to financially close in 2016/early 2017.
2014	4241409110	Dalewood & Ryerson pool conversion	25,000	2,274	-	22,726	9.1%	Robyn Ellis	Salt-water conversion area-rating project. Feasibility complete. Additional funding would be required to proceed with design and construction. Project will require additional funding.	Salt-water conversion area-rating project. Feasibility complete. Additional funding would be required to proceed with design and construction. Project will require additional funding.
2014	4241409208	Old Beasley Ctre Kitchen Reno	22,600	2,056	-	20,544	9.1%	Jeet Joginder	Design established in 2015, project ongoing in 2016/2017.	Design established in 2015, project ongoing in 2016.

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2014	7101441701	Community Halls Retrofit	799,999	684,037	182,595	(66,633)	108.3%	Robyn Ellis	Waterdown Hall Reno underway. Completion anticipated Q4 2016. Sealy Park kitchen complete. Deficit to be funded from annual program.	Waterdown Hall Reno underway. Completion anticipated Q3 2016. Sealy Park kitchen complete. Deficit to be funded from annual program.
2014	7101441706	Recreation Centre Retrofits	311,012	263,354	27,200	20,458	93.4%	Robyn Ellis	Outstanding commitments to be cleared by end of Q4 2017. Surplus to be used to fund deficit in 7101341706.	Outstanding commitments to be cleared by end of Q3 2016. Surplus to be used to fund deficit in 7101341706.
2014	7101451002	Recreation Centres WIFI	148,000	107,760	-	40,240	72.8%	Robyn Ellis	Reconcile then close next BER	Anticipated project completion is 2016.
2014	7101454105	Park & Fieldhouse Retrofits	682,910	350,603	487,880	(155,573)	122.8%	Kevin Berry Lukas Keermaa	Mahoney Pk tender in process. Montgomery Pk Construction started. Smaller deficit anticipated. Deficit will be mitigated from the 2015/2016/2017 annual program. Motion (August 12/16) provides deficit mitigation plan for Mahoney.	Mahoney Park tender in progress. Montgomery Park tender awarded and construction started. Funds to be combined with approved 2015 and 2016 capital to fund Mahoney and Montgomery.
2014	7101454202	Waterdown Memorial Pk Ice Loop	3,000,000	3,127,107	275,861	(402,968)	113.4%	Kevin Berry	Construction complete. Project to financially close in 2017/2018. Mitigation of unfavourable budget variance through 2017 capital budget.	Construction complete. Project to financially close in 2016/early 2017.
2014	7101454704	HPRC Independence from School	598,000	437,544	167,467	(7,011)	101.2%	Clark Euale	HPRC feasibility for separation is complete, detailed design still required	HPRC feasibility and design for separation is still underway.
2014	7101454710	SWL Rec Cntr Independence	1,648,000	1,289,417	524,810	(166,227)	110.1%	Clark Euale	Construction complete. Project to Close in 2018. Smaller deficit anticipated. Project deficit mitigation in 2018 capital budget process. Some reconciliation may also be possible from PID 4241509116 (inter-related works).	Construction complete. Project to financially close in 2016/early 2017.
2014	7101454712	Lawfield Arena HVAC & Mech	195,000	17,736	620	176,644	9.4%	Jeet Joginder	Project complete but funded from another source. Project finances to be reconciled through the 2017 capital budget.	Anticipated completion end of Summer 2015 Anticipated commitments to clear Q1 2016. Surplus to fund Recreation Centre Retrofits annual program: 7101541706
2014	7101458401	Birge Outdoor Pool Redevelop	1,725,000	2,182,475	-	(457,475)	126.5%	Kevin Berry	There are 2 PROJIDs for Birge Outdoor Pool. Most P.O.s were committed out of this 2014 PROJ ID: 7101458401. Deficit to be offset by other 2012 PROJID: 7101258701. Birge construction complete. Pending financial close in 2017/2018.	There are 2 PROJIDs for Birge Outdoor Pool. Most P.O.s were committed out of this 2014 PROJ ID: 7101458401. Deficit to be offset by other 2012 PROJID: 7101258701. Birge construction underway. Delays and costs for the project due to unforeseen structural issues associated with the CN Line.
2015	7101541706	Recreation Centre Retrofits	315,429	100,666	118,175	96,588	69.4%	Robyn Ellis	Elevator repair/replacement design for Central Memorial and Ancaster Aquatic began in Q2 2015. Tender anticipated for priority work in 2016.	Elevator repair/replacement design for Central Memorial and Ancaster Aquatic began in Q2 2015. Tender anticipated for priority work in Q2/Q3 2016.

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2015	7101551501	Facility Vehicles	160,000	66,811	20,185	73,004	54.4%	Robyn Ellis	Facilities Operations working with Fleet to finalize specifications for vehicle RFT. Vehicle RFT anticipated to close in 2017.	Facilities Operations working with Fleet to finalize specifications for vehicle RFT. Vehicle RFT anticipated to close in 2016.
2015	7101554105	Park & Fieldhouse Retrofits	936,000	184,523	255,555	495,922	47.0%	Lukas Keermaa	Mahoney Park tender award in progress. Montgomery Park tender awarded and construction started. Funds to be combined with approved 2015 and 2016 capital to fund Mahoney and Montgomery.	Mahoney Park tender in progress. Montgomery Park tender awarded and construction started. Funds to be combined with approved 2015 and 2016 capital to fund Mahoney and Montgomery.
2015	7101554506	Valley Park Community Ctr-Expn	300,000	104,872	12,565	182,563	39.1%	Robyn Ellis	Library will be constructing standalone library at the Valley Park site. Valley Park Recreation Centre renos will be slightly rescope in 2017.	Library will be constructing standalone library at the Valley Park site. Valley Park Recreation Centre renos will be slightly rescope in 2016.
2015	7101554507	Chedoke Arena Roof	1,200,000	1,075,436	167,500	(42,936)	103.6%	Robyn Ellis	Project is complete. Once final commitments have cleared, this project can be closed with any surplus to be utilized to fund anticipated deficit in roofing program.	Project is complete. Once final commitments have cleared, this project can be closed with any surplus to be utilized to fund anticipated deficit in roofing program.
2015	7101554508	Public Use Feasibility Study	150,000	22,626	72,265	55,109	63.3%	Robyn Ellis	Phase 1 of the Recreation Indoor Use study presented to E & CS Committee in Q3 2016. Phase 2 was deemed necessary.	Recreation Planning to conduct studies on surplus HWDSB properties in 2015/2016. Funds to be utilized to initiate Phase 1 of the Recreation Indoor Use study in 2016 which requires updating to reflect current demographics, community needs and planning priorities.
2015	7101554509	Mohawk Track - Redesign	50,000	5,684	32,000	12,316	75.4%	Robyn Ellis	Design in final stages of approval before tender. Construction anticipated to begin in 2017.	Design commenced Q3 2015. Due to funding shortfall, construction anticipated to begin in 2017.
2015	7101554510	Dundas JLGhriemire Arena Reno	2,000,000	5,985	551,015	1,443,000	27.9%	Robyn Ellis	Detailed design began in Q2 2016. Contract is in place with Prime Consultant. Target tender early in Q1 2017 and start construction Q2 2017.	Project approved by Council to move forward. Detailed design to be committed in 2016.
2015	7101554536	Program - Arena Retrofits	184,000	78,745	93,822	11,433	93.8%	Robyn Ellis	Elevator repair/replacement design for Rosedale Arena began in Q2 2015. Tender anticipated for priority work in 2016/2017.	Elevator repair/replacement design for Rosedale Arena began in Q2 2015. Tender anticipated for priority work in 2016.
2015	7101557501	Scheduling&Payroll Software App	50,000	-	-	50,000	0.0%	Robyn Ellis	This Commitment for scheduling & payroll software replacement is anticipated in 2017 once the CLASS software upgrade has been completed.	This Commitment for scheduling & payroll software replacement is anticipated in Q3/Q4 2016 once the CLASS software upgrade has been completed.
2015	7101557502	CLASS Software Upgrades	260,380	-	-	260,380	0.0%	Robyn Ellis	Recreation is in the final phases of awarding an RFP for the CLASS software replacement should be by end of 2016.	Recreation is in the final phases of awarding an RFP for the CLASS software replacement should be by Q3 BVR.
2015	7101558500	Chedoke Outdoor Pool	70,000	-	-	70,000	0.0%	Robyn Ellis	Feasibility study underway.	Feasibility study underway.

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			a	b	c	d	e			
2015	7101558501	Parkdale Outdoor Pool Redev	225,000	25,578	-	199,422	11.4%	Robyn Ellis	Design to start in 2016 to coordinate with design for Parkdale refrigeration compliance retrofit as both projects share a mechanical room and should be coordinated together for quality, cost and scheduling efficiencies.	Design to start in 2016 to coordinate with design for Parkdale refrigeration compliance retrofit as both projects share a mechanical room and should be coordinated together for quality, cost and scheduling efficiencies.
2016	3541655101	Recreation Facilities Audit Program	80,000	-	-	80,000	0.0%	Robyn Ellis	Recreation Facilities Audits ongoing in 2016	Recreation Facilities Audits ongoing in 2016
2016	7101641601	Ancaster Aquatic Centre Refurbishment	458,000	37,203	93,820	326,977	28.6%	Robyn Ellis	Project in Design. Aiming to tender ASAP. Canada 150 Project.	Project in Design. Canada 150 Project.
2016	7101641701	Program - Community Halls Retrofits	450,000	16,383	95,791	337,826	24.9%	Robyn Ellis	Waterdown Hall Reno underway. Completion anticipated Q4 2016. Small surplus to fund deficits in annual program.	Waterdown Hall Reno underway. Completion anticipated Q3 2016. Small surplus to fund deficits in annual program.
2016	7101641706	Program - Recreation Centre Retrofits	346,000	10,151	-	335,849	2.9%	Robyn Ellis	Outstanding commitments to be cleared by end of 2016. Surplus to be used to fund deficit in 7101341706. Also council report has committed funds.	Outstanding commitments to be cleared by end of Q3 2016. Surplus to be used to fund deficit in 7101341706.
2016	7101649601	Bernie Arbour Stadium - Upgrades	150,000	53,591	5,469	90,940	39.4%	Robyn Ellis	Improvements underway and ongoing in 2016/2017.	Improvements underway and ongoing in 2016.
2016	7101649602	Scott Park Precinct Ice Pad & Spray Pad Installation	1,000,000	-	1,700,000	(700,000)	170.0%	Robyn Ellis	Tender Awarded. Additional funds approved as part of report PW16070. Corporate Finance to transfer.	Tender award in progress.
2016	7101654105	Program - Park & Fieldhouse Retrofits	894,000	451	-	893,549	0.1%	Robyn Ellis	Mahoney Park tender award in progress. Montgomery Park tender awarded and construction started. Funds to be combined with approved 2015 and 2016 capital to fund Mahoney and Montgomery.	Mahoney Park tender in progress. Montgomery Park tender awarded and construction started. Funds to be combined with approved 2015 and 2016 capital to fund Mahoney and Montgomery.
2016	7101654536	Program - Arena Retrofits	560,000	229,299	151,704	178,997	68.0%	Robyn Ellis	Chedoke Boiler replacement underway and Morgan Firestone Snow Guards complete.	Chedoke Boiler replacement and Morgan Firestone Snow Guards underway.
2016	7101654601	Ice Plant Freon Upgrades	500,000	-	-	500,000	0.0%	Robyn Ellis	Design to start in 2016 to coordinate with design for Parkdale refrigeration compliance retrofit with Parkdale Outdoor Pool as both projects share a mechanical room and should be coordinated together for quality, cost and scheduling efficiencies. Council approved use of surplus of \$500K towards 2017 Tax Capital Budget (Dec 14/16).	Design to start in 2016 to coordinate with design for Parkdale refrigeration compliance retrofit with Parkdale Outdoor Pool as both projects share a mechanical room and should be coordinated together for quality, cost and scheduling efficiencies.
2016	7101654603	Beverly Recreation Centre/School	400,000	32,160	97,996	269,844	32.5%	Robyn Ellis	Project in design. Collaboration with HWDSB ongoing.	Project in design. Collaboration with HWDSB ongoing.

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2016	7101654608	William Schwenger Park Washroom Facility	500,000	12,551	487,449	-	100.0%	Robyn Ellis	Project awarded. 2017 start of construction.	Fall 2016 start of construction.
2016	7101654609	Greensville Recreation Centre/School	1,800,000	18,546	150,525	1,630,929	9.4%	Robyn Ellis	Project in design. Collaboration with HWDSB ongoing.	Project in design. Collaboration with HWDSB ongoing.
2016	7101654610	Carlisle & Beverly Arena Accessibility Upgrades & Expansion	790,000	47,028	292,875	450,097	43.0%	Robyn Ellis	Elevator ordered. Construction under in progress.	Design nearly complete. Pre-order of elevator complete (6 month lead time).
2016	7101654611	Mt. Hope and Binbrook Hall Renovations & Accessibility Upgrades	1,030,000	26,176	251,327	752,497	26.9%	Robyn Ellis	Design almost completed. Construction tender forthcoming -Canada 150 Project.	Project in design -Canada 150 Project.
2016	7101654612	Bobby Kerr & Trenholme Park Washroom Facilities	850,000	26,657	1,023,242	(199,899)	123.5%	Robyn Ellis	Projects Awarded. Q4 2016 Trenholme, 2017 Bobby Kerr. Significantly smaller deficit is anticipated once final invoices are paid. Anticipated deficit will be mitigated from the 2018 capital budget process.	Fall 2016 start of construction.
2016	7101654613	Westoby (Olympic) Arena Roof	550,000	411,260	38,740	100,000	81.8%	Robyn Ellis	Project complete. Financial close ongoing.	Project under construction, ongoing in 2016.
2016	7101654700	Pinky Lewis Recreation Centre Expansion Project	1,402,000	-	-	1,402,000	0.0%	Robyn Ellis	Infrastructure Project in Design.	Infrastructure Project in Design.
2016	7101654702	Program - Facility Capital Maintenance	395,000	65,768	-	329,232	16.7%	Robyn Ellis	Emergency and maintenance renewal works ongoing in 2016.	Emergency and maintenance renewal works ongoing in 2016.
2016	7101654802	William Connell Park Washroom Facility	960,000	-	-	960,000	0.0%	Robyn Ellis	Project in design with LAS. Project targeting 2017 tender and construction.	Project in design with LAS. Project targeting 2017 tender and construction.
2016	7101655501	Recreation Studies	150,000	21,370	14,000	114,630	23.6%	Robyn Ellis	Recreation Planning to conduct studies on surplus HWDSB properties in 2015/2016. Funds to be utilized to initiate Phase 1 of the Recreation Indoor Use study in 2016 which requires updating to reflect current demographics, community needs and planning priorities.	Recreation Planning to conduct studies on surplus HWDSB properties in 2015/2016. Funds to be utilized to initiate Phase 1 of the Recreation Indoor Use study in 2016 which requires updating to reflect current demographics, community needs and planning priorities.
2016	7101657601	Class Software Licensing Fees	70,000	-	-	70,000	0.0%	Robyn Ellis	Recreation is in the final phases of awarding an RFP for the CLASS software replacement should be by Q3 BVR.	Recreation is in the final phases of awarding an RFP for the CLASS software replacement should be by Q3 BVR.
Total Recreation			92,279,675	56,877,634	29,649,764	5,752,277	93.8%			

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Transportation										
2004	5300483400	ATS Master Plan-Policy Revise	900,000	740,772	123,003	36,225	96.0%	George Brovac	75,000 trips built into 2016 budget. Completion Q4 2016.	75,000 trips built into 2016 budget. Completion Q4 2016.
2005	5300583504	Fare Cards-System Enhancement	7,500,000	6,115,139	994,477	390,384	94.8%	Nancy Purser	Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - Q4 2016, Upass applications - Q1 2017, self service devices - TBD, limited use media - TBD, third party network - Q4 2016.	Multi-year implementation underway. Initial installation complete. Still outstanding: Para transit - Q3 2016, Upass applications - Q1 2017, self service devices - TBD, limited use media - TBD, third party network - Q4 2016.
2006	5310641001	ATS Accommodation	2,500,000	2,301,996	8,797	189,207	92.4%	Nancy Purser	Current phase: Renovate Training room nearly complete, front foyer in plans for Q4 2016.	Current phase: Renovate Training room nearly complete, front foyer in plans for Q4 2016.
2008	5300855100	Rapid Transit Studies	11,203,390	10,785,674	-	417,716	96.3%	Christine Lee-Morrison	Project Complete, Corporate Finance to fund deficit. Close when funding complete.	Project Complete, Corporate Finance to fund deficit. Close when funding complete.
2010	5311055001	ATS Rebranding & Marketing Survey	485,000	371,218	101,594	12,188	97.5%	Christine Lee-Morrison	Project underway, completion target Q4 2016.	Project to be completed - Q4 2016.
2011	5301184002	Trapeze Analysis and Optimize	100,000	9,652	-	90,348	9.7%	Carol Wildeman	Ongoing. Q4 2016 completion date.	Ongoing. Q4 2016 completion date.
2011	5301185001	Customer Service Software	720,000	581,096	21,675	117,229	83.7%	Carol Wildeman	Ongoing. 2017, additional funds requested.	Ongoing. 2017, additional funds requested.
2011	5311182002	ATS Mobile Data Terminals	1,125,000	690,513	-	434,487	61.4%	George Brovac	Continue to add as fleet moves from buses to access and non access vans Q4 2016.	Continue to add as fleet moves from buses to access and non access vans Q4 2016.
2012	5301285905	Bus Shelter-Bench Repairs&Repl	300,000	-	300,000	-	100.0%	Christine Lee-Morrison	Project is ongoing. The average age of bus shelters in the City is 14 yrs. Many are reaching the end of useful life and/or are damaged due to graffiti/vandalism or need accessibility improvements.	Project is ongoing. The average age of bus shelters in the City is 14 yrs. Many are reaching the end of useful life and/or are damaged due to graffiti/vandalism or need accessibility improvements.
2013	5301384001	Rapid Transit - Quick Wins	11,993,000	7,712,034	2,715,122	1,565,844	86.9%	Christine Lee-Morrison	All projects complete with exception of A and B-Line enhanced amenities (Phase 1 complete, phase 2 under construction). Surplus funds proposed for Limeridge Mall Terminal rehab.	The park and ride at the MTC and bike share complete. A and B-Line enhanced amenities phase 1 complete, phase 2 tender issued. Mohawk Hub substantial completion issued.
2013	5301384002	Mobility Programs	252,500	160,701	77,612	14,187	94.4%	Christine Lee-Morrison	Ongoing program. Funds to be used towards development of supporting transit strategies and projects, e.g. 10 year transit strategy.	Ongoing program. Funds to be used towards development of supporting transit strategies and projects, e.g. 10 year transit strategy.
2015	4241509217	Bus Shelter Relocation- Ward 2	15,000	-	-	15,000	0.0%	Christine Lee-Morrison	Project underway 2016.	

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2015	5301551500	Replace Bus Hoists	360,000	-	441,820	(81,820)	122.7%	Mark Selkirk	Ongoing. Hoists currently being installed. Reappropriation of funds from 5301551500 pending to cover deficit	To be completed Q4 2016. Two '2 post' hoists ordered.
2015	5301555500	Mtn&Storage FacilityExpn Stdy	150,000	-	-	150,000	0.0%	Christine Lee-Morrison	Project initiated. Feasibility studies & property acquisition underway.	Project initiated. Site selection/property acquisition underway.
2015	5301555501	Transit Priority Measures	300,000	-	-	300,000	0.0%	Christine Lee-Morrison	Project initiated. Consultant assignment/feasibility studies underway.	Coordinating with Traffic Engineering re: Signal Priority. Ongoing.
2015	5301558101	HSR New Bus Purchases	16,125,000	6,766,611	9,308,557	49,832	99.7%	Mark Selkirk	Delivery to begin Q4 2016. Completion in Q2 2017.	To be completed Q4 2016.
2015	5301583100	2015 HSR Bus Replacement	13,070,000	13,069,366	231,663	(231,029)	101.8%	Mark Selkirk	To be completed Q1 2017.	To be completed Q3 2016.
2015	5301583501	Transit Hybrid Bus Battery Repl	700,000	-	60,000	640,000	8.6%	Mark Selkirk	Purchase made Oct. 2016. Project is ongoing.	Ongoing.
2015	5301583503	2015 Non-Rev Vehicle Replace	230,000	181,368	11,770	36,862	84.0%	Mark Selkirk	Under review until end of Q4 2016.	To be completed Q3 2016.
2015	5301584501	Trapeze EAM Fleet Mmgnt	800,000	241,226	443,237	115,537	85.6%	Carol Wildeman	Project to be launched in 2016.	Project to be launched in 2016.
2015	5301584504	Ranger Repl & Ext Announcement	1,380,000	1,089,791	166,528	123,681	91.0%	Carol Wildeman	Small number of installations remaining. Completion Q4 2016.	Small number of installations remaining. Completion Q4 2016.
2015	5301584505	Transit Passenger Count System	500,000	410,579	82,504	6,917	98.6%	Carol Wildeman	Ongoing. Anticipated completion Q4 2016.	Ongoing. Anticipated completion Q3 2016.
2015	5301585501	A&B-Line Passger Amenities Ph2	300,000	-	-	300,000	0.0%	Christine Lee-Morrison	Project delayed due to LRT (shift focus to A-Line). To be initiated Q1 2017.	Project delayed due to LRT (shift focus to A-Line). To be initiated Q1 2017.
2015	5301585502	Transit Shelter Expansion Proj	600,000	11,217	600,000	(11,217)	101.9%	Christine Lee-Morrison	P.O. issued for shelter expansion. 2016 installations underway.	P.O. issued for shelter expansion. Installations scheduled for 2016.
2015	5301585901	2015 Bus Stop Landing Pads	73,000	-	33,689	39,311	46.1%	Christine Lee-Morrison	Strategy in place to complete Q3-Q4 of 2016.	Strategy in place to complete as the weather allows - likely Q3 of 2016.
2015	5311584501	PASS SUS&CERT Software Modules	197,000	108,841	99,042	(10,883)	105.5%	Carol Wildeman	Installations into test environment completed.	Installations into test environment completed.
2016	5301641500	Transit Storage Facility	2,000,000	-	-	2,000,000	0.0%	Christine Lee-Morrison	Project initiated, consultant retained and feasibility studies underway.	n/a
2016	5301683100	HSR Bus Replacement Program	9,990,000	9,982,023	-	7,977	99.9%	Mark Selkirk	To be completed Q1 2017.	Q4 2016 delivery.

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2016	5301683503	Nonrevenue Vehicle Replace Program	127,000	-	24,955	102,045	19.6%	Mark Selkirk	Q4 2016 completion.	Quotes being released.
2016	5301684503	Security Cameras on Buses	1,700,000	-	-	1,700,000	0.0%	Mark Selkirk	RFP to be issued Q4 2016.	To be started in Q3, 2016.
Total Transportation			85,695,890	61,329,817	15,846,045	8,520,028	90.1%			

Roads

2007	4030720710	Traffic Signal Grounding Project	900,000	761,179	0	138,821	84.6%	Martin White/Kim Wyskiel	\$138k being used to WIP fund the 2017 amalgamated ATMS.	These funds will be utilized with the rollout of the Traffic Management Centre prior to year end.
2007	4030707750	Industrial Zone Air Quality	1,065,000	417,793	0	647,207	39.2%	Brian Hughes	Funding provided to facilitate various greening initiatives along the Burlington Street corridor Scope of work being refined by Engineering. Council approved use of surplus of \$640K towards 2017 Tax Capital Budget (Dec 14/16).	All available funds have been dedicated to Burlington Street reconstruction. Funding provided to facilitate various greening initiatives along the Burlington Street corridor. Works delayed until 2017 due to PAN AM projects, conflicting projects in the vicinity.
2009	4030955980	Rail Crossing Safety Review	90,000	53,424	6,687	29,890	66.8%	Martin White/Kim Wyskiel	These funds can be utilized to assist funding of the 2017 Railway Crossing Review. Appropriation adjustment will be done after budget approval.	These funds can be utilized to assist funding of the 2017 Railway Crossing Review
2009	4030957950	Right of Way AM Business - RAMBO	1,038,500	892,859	55,400	90,241	91.3%	Rick Andoga	Ongoing - work in progress. Project is currently in software set up/testing stage.	Ongoing - work in progress. Project is currently in software set up/testing stage.
2009	4030980986	Trinity Church Corridor - Rymal & Stone Church	17,280,000	12,452,805	2,917,066	1,910,129	88.9%	Marco Oddi	Complete - pending final review/audit/payment.	Construction on going. Expected to open road for traffic before Labour day 2016
2011	4031118126	Bridge 163 - Centennial Parkway North, 540m n/o Barton St East	14,690,000	9,748,371	1,626,218	3,315,411	77.4%	Marco Oddi	Multi-year project. Construction ongoing. Anticipate a surplus but unknown at this time while construction is ongoing.	Multi-year project. Construction ongoing. Surplus unknown until completion of this project.
2011	4031118127	Bridges 314, 315 & 316 - Claremont Access Bridge Structures	3,846,000	4,576,354	30,766	(761,120)	119.8%	Marco Oddi	Complete - additional costs per Policy 7 have been addressed through the 2017 Capital Budget and will be covered by Gas Tax.	Construction ongoing. Additional costs per Policy 7 will be covered by Gas Tax.
2011	4031110003	Engineering, Utilities & Functional Design 2011/16	538,500	452,539	70,080	15,881	97.1%	Pat McNab	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2012	4031218212	Bridge 185 - Bay St N - 65m s/o Strachan St W	500,000	64,118	0	435,882	12.8%	Marco Oddi	Pending final audit upon completion of Centennial Bridge. Negotiations ongoing with CNR regarding Centennial Bridge, Bay and John Street bridges.	Pending final audit upon completion of Centennial Bridge. Negotiations ongoing with CNR regarding Centennial Bridge, Bay and John Street bridges.

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2012	4031218228	Bridge 248 - King St W 145 m w/o Bond St	150,000	98,107	48,676	3,217	97.9%		Ongoing multi-year project. Class EA study underway, Design in 2017, Construction in 2018	Functional design complete. A class EA will be required for reconstruction of a new bridge. Construction not imminent, can close the account or move it to Class EA study
2012	4031218222	Bridge 329 - Burlington St E at Wilcox St	200,000	132,153	1,925	65,922	67.0%	Rick Andoga/Trevor McClung	Ongoing - multi-year project. Structural Assessment Studies in 2012, Design in 2017 and Construction 2019. Awaiting results from TMP to determine final scope.	Ongoing - multi-year project. Structural Assessment Studies in 2012, Design in 2017 and Construction 2019. Awaiting results from TMP to determine final scope.
2012	4031218223	Bridge 383 - Brock Rd, 860m s/o Safari Rd	1,310,000	1,301,521	8,071	408	100.0%	Marco Oddi	Complete - pending final review/audit/payment (Bell Canada to invoice for works)	Complete - pending final review/audit/payment (Bell Canada to invoice for works)
2012	4031218225	Bridge 391 - Governor's Rd, 275m w/o Weir Rd	1,909,000	656,838	1,257,605	(5,443)	100.3%	Marco Oddi	Construction on going. Expected to be completed before end of 2016. Deficit has been addressed through the 2017 Capital Budget.	Construction on going. Expected to be completed before end of 2016
2012	4031218526	Bridge 451 - Hwy 5 E, 120m e/o Mill St S	350,000	139,673	312,757	(102,430)	129.3%	Rick Andoga/Trevor McClung	Ongoing - multi-year project. Tech. Study and ESA Monitoring 2014, 2015 & 2016 Functional & Archaeological, 2017 Design, Construction 2020. Deficit has been addressed through the 2017 Capital Budget.	Ongoing - multi-year project. Tech. Study and ESA Monitoring 2014, 2015 & 2016 Functional & Archaeological, 2017 Design, Construction 2020.
2012	4031219102	Council Priority Road Reconstruction - 2012	10,770,000	9,778,877	214,440	776,684	92.8%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. \$775k surplus at this time.	Complete - pending final review/audit/payment. \$750k surplus at this time. May be higher once final reviews are done.
2012	4041210017	Downtown Outdoor Lighting Upgrades	465,000	364,089	0	100,911	78.3%	Gord McGuire	Balance of funds to be utilized for lighting upgrades on Hughson St. On hold pending LRT details of proposed pedestrian route through that section of Hughson St.	Additional funding in 2015 was delayed by GIC on Jan 30/15, additional \$100k in 2016 to continue on-going upgrades
2012	4031219101	Road Reconstruction Program 2012	15,212,000	14,343,674	136,019	732,307	95.2%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. \$730k surplus at this time.	Complete - pending final review/audit/payment. \$700k surplus at this time. May be higher once final reviews are done.
2013	4031318328	Bridge 118 - Woodburn Rd	1,730,000	1,814,747	28,493	(113,240)	106.5%	Marco Oddi	Complete - pending final review/audit/payment (Bell Canada to invoice for works). Deficit has been addressed through the 2017 Capital Budget.	Complete - pending final review/audit/payment (Bell Canada to invoice for works)
2013	4031318319	Bridge 174 - Pearl St Ped	1,535,000	1,446,459	53,106	35,436	97.7%	Marco Oddi	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2013	4031318331	Bridge 368 - King 40m e/o Elm	650,000	568,940	22,733	58,327	91.0%	Marco Oddi	Complete - pending final review/audit/payment	Complete - pending final review/audit/payment

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2013	4031314405	Contaminated Soil & Rock Disposal 2013	1,683,000	944,151	728,773	10,077	99.4%	Rick Andoga/P at McNab	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .
2013	4031319102	Council Priority Road Reconstruction - 2013	8,956,000	8,226,812	365,456	363,733	95.9%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. \$360k surplus at this time.	Complete - pending final review/audit/payment. \$390k surplus anticipate once closing process complete.
2013	4041311350	Downtown Alleyways	126,500	99,358	26,500	642	99.5%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Close once commitments are paid/cleared/moved.
2013	4031321350	Fleet Additions - Roads O&M	300,000	101,908	19,173	178,919	40.4%	Bob Paul	Anticipate 100% spent/committed Q4 2016	Anticipate 100% spent/committed Q4 2016
2013	4031355310	Ham Transportation MP Update	660,000	533,927	126,254	(181)	100.0%	Alan Kirkpatrick	Ongoing analysis and report writing - including any impacts from LRT.	Ongoing pending LRT conclusions.
2013	4031320250	Kenilworth - Merchison to Burlington	2,740,000	2,836,645	35,908	(132,553)	104.8%	Marco Oddi	Complete - pending final review/audit/payment. Deficit unknown until closing process has been done.	Complete - pending final review/audit/payment. Deficit unknown until closing process has been done.
2013	4031319101	Road Reconstruction Program 2013	11,143,000	6,877,858	3,471,688	793,454	92.9%	Marco Oddi/Pat McNab	Multi-year project. 8 of 9 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth has been delayed and rebudgeted in 2020. Garth reconstruction and Centennial major contributors to existing purchase orders.\$400k surplus at this time	Multi-year project. 4 of 5 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth - 2017 construction. No anticipated surplus.
2013	4031311015	Road Resurfacing Program 2013	6,348,000	5,815,211	174,747	358,042	94.4%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. \$355k surplus at this time.	Complete - pending final review/audit/payment. \$350k surplus at this time. May be higher once final reviews are done.
2013	4241309302	Ward 3 Speed Humps	75,000	12,520	0	62,480	16.7%	Martin White/Kim Wyskiel	Working with Ward 3 Councillor on location for speed humps	Working with Ward 3 Councillor on location for speed humps
2014	4031411016	Asset Preservation - Local Roads - 2014	10,860,000	10,657,260	254,607	(51,867)	100.5%	Marco Oddi	Complete - pending final review/audit/payment. Deficit may not exist once all p.o. are closed/cleared.	Complete - pending final review/audit/payment. Deficit may not exist once all p.o. are closed/cleared.
2014	4031457125	AVL Software Updates	71,000	50,140	15,729	5,131	92.8%	Bob Paul	Anticipate 100% spent Q4 2016.	Anticipate 100% spent Q4 2016.
2014	4241409602	Berrisfield - Roadway Rehab	2,000,000	1,889,136	147,523	(36,659)	101.8%	Marco Oddi	Complete - pending final review/audit/payment	Complete - pending final review/audit/payment
2014	4031418424	Bridge 033 - Foxden Road	41,000	36,452	3,722	826	98.0%	Rick Andoga/Trevor McClung	Bridge is to be sold to adjacent property owner. Close out once p.o. has been paid/cleared.	Bridge is to be sold to adjacent property owner. Close out once p.o. has been paid/cleared.

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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, 2016	STATUS EXPLANATION as of June 30, 2016
			a	b	c	d	e			
2014	4031418426	Bridge 088 - Mill St	350,000	101,563	136,888	111,550	68.1%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. Tech. studies in 2014, ESA Monitoring and Environmental Assessments in 2015, Design in 2016 and Construction in 2017. 100k EA funding deemed not required since we are not replacing the bridge. Funds to be used for future design/construction	Ongoing multi-year project. Tech. studies in 2014, ESA Monitoring and Environmental Assessments in 2015, Design in 2016 and Construction in 2017. 100k EA funding deemed not required since we are not replacing the bridge. Funds to be used for future design/construction
2014	4031418430	Bridge 344 - Concession 5W	250,000	52,508	48,099	149,394	40.2%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. ESA Monitoring in 2014, Design in 2015 and Construction in 2017. 2014 EA deemed not required, therefore funds to be used for future design/construction.	Ongoing multi-year project. ESA Monitoring in 2014, Design in 2015 and Construction in 2017. 2014 EA deemed not required, therefore funds to be used for future design/construction.
2014	4031418438	Bridge 397 - Glancaster Road	150,000	24,988	26,904	98,108	34.6%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2018.
2014	4031418437	Bridge 417 - Harrison Road	150,000	23,038	27,731	99,231	33.8%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.
2014	4031418447	Bridge 447 - Bell Rd	150,000	24,232	44,538	81,230	45.8%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2017.	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2017.
2014	4031418436	Bridge 449 - Hwy 52	200,000	76,486	134,080	(10,566)	105.3%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. Tech. Study 2014, Design 2015 and Construction 2017. Deficit has been addressed through the 2017 Capital Budget.	Ongoing multi-year project. Tech. Study 2014, Design 2015 and Construction 2017. Funds to be used for future Design/Construction.
2014	4031418425	Bridge 450 - Highway No 5	350,000	113,301	76,228	160,471	54.2%	Rick Andoga/ Trevor McClung	Ongoing multi-year project. Studies in 2014, ESA Monitoring and Environmental Assessments in 2015, Design in 2016 and Construction in 2018. 2015 EA no longer required because bridge classification was changed to culvert, therefore EA funds to be used for Design/Construction.	Ongoing multi-year project. Studies in 2014, ESA Monitoring and Environmental Assessments in 2015, Design in 2016 and Construction in 2018. 2015 EA no longer required because bridge classification was changed to culvert, therefore EA funds to be used for Design/Construction.
2014	4041417125	Cannon Bi-Directional Cycle Track	867,200	524,133	6,273	336,794	61.2%	Alan Kirkpatrick	3 year pilot program on-going.	3 year pilot program to end 2017.
2014	4241409705	Chipman Ave-Urbanization	350,000	256,100	58,560	35,340	89.9%	Marco Oddi	Complete - pending final review/audit/payment.	Construction ongoing. Surplus unknown until completion of this project.
2014	4031419102	Council Priority Road Reconstruction - 2014	4,810,000	4,713,186	77,907	18,907	99.6%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. \$18k surplus anticipated at this time, possibly higher pending use of contingency.	Complete - pending final review/audit/payment. \$16k surplus anticipated at this time, possibly higher pending use of contingency.

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2014	4031411017	Council Priority Road Rehabilitation - 2014	2,270,000	1,834,372	275,003	160,625	92.9%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment.	Multi-year project. 2015 Don/Dunning/Colmar/Osler & Grant - Osler to Don construction ongoing. Surplus unknown until completion of this project.
2014	4241409122	Fencing at Hill and Dundurn	27,500	0	0	27,500	0.0%	Brian Hughes	Quoted work higher than available budget - reviewing scope	Staff investigating
2014	4031420425	HWDSB - Upper Wentworth & Fieldway	250,000	412,801	0	(162,801)	165.1%	Martin White/Kim Wyskiel	This project is to be cost recovered from the school board (funds not recovered yet). Work has been completed and legal is reviewing.	This project is to be cost recovered from the school board (funds not recovered yet). Work has been completed and legal is reviewing.
2014	4041414008	New Traffic Signal Installation Program - 2014	650,000	252,952	7,291	389,757	40.0%	Martin White/Kim Wyskiel	The remaining funds are required for South Service and Fifty Road, work not commenced yet.	The remaining funds are required for South Service and Fifty Road, work not commenced yet.
2014	4031420622	North End Traffic Mgmt Plan	1,300,000	219,353	63,283	1,017,364	21.7%	Alan Kirkpatrick	Further discussion with Community on plan - on-going in 2016. Detailed construction plans for 2017 implementation. Consideration of pilot Low Impact Development (LID) for stormwater at selected intersection(s).	Multi-year implementation. 2015 planned roadway adjustments postponed. Further discussion with Community. On-going in 2016.
2014	4031419101	Road Reconstruction Program 2014	12,310,000	8,605,686	2,952,625	751,689	93.9%	Marco Oddi/Pat McNab	Multi-year project. Upper Sherman - LINC to Stone Church & Parkdale - Barton to Burlington construction still ongoing. Surplus unknown at this time.	Multi-year project. 5 of 9 projects awarded. Two projects cancelled due to delays and one project a duplicate. Remaining project in design stage. Surplus unknown until completion of all projects.
2014	4031411015	Road Resurfacing Program 2014	1,600,000	1,253,327	218,325	128,348	92.0%	Marco Oddi/Pat McNab	Close once commitments are paid/cleared/moved. \$128k surplus anticipated at this time, possibly higher pending use of contingency.	Close once commitments are paid/cleared/moved. \$128k surplus anticipated at this time, possibly higher pending use of contingency.
2014	4031441460	Salt/Sand Storage Rehab	400,000	305,526	23,259	71,215	82.2%	Brian Hughes	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved.
2014	4241409603	Sherwood - Roadway Rehab	500,000	472,603	34,323	(6,926)	101.4%	Marco Oddi	Complete - pending final review/audit/payment	Complete - pending final review/audit/payment
2014	4031418219	Structural Investigations and Reports - 2014	300,000	167,830	132,170	-	100.0%	Rick Andoga/Trevor McClung	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent by year end 2016
2014	4041416102	Traffic Calming - Various	370,000	288,849	19,496	61,655	83.3%	Martin White/Kim Wyskiel	Funds to be utilized by year end.	Funds to be utilized by year end.

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2014	4041415019	Traffic Controller Replacement - 2014	750,000	579,373	21,207	149,420	80.1%	Martin White/Kim Wyskiel	Currently adopting a new cabinet standard; replacement has been postponed to utilize new technology, completion Q4 2016. Council approved use of surplus of \$149K towards 2017 Tax Capital Budget (Dec 14/16).	Currently adopting a new cabinet standard; replacement has been postponed to utilize new technology, completion Q4 2016.
2014	4031415820	Traffic Counts Program - 2014	150,000	126,369	23,631	-	100.0%	Gord McGuire	100% committed - close once P.O.'s are paid/cleared	Ongoing - work in process. Anticipate 100% spent/committed by year end 2016.
2014	4041420017	Traffic Signal LED Upgrades - 2014	1,200,000	865,423	277,495	57,082	95.2%	Martin White/Kim Wyskiel	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved.
2014	4041457411	Video Detection and Intelligent Transportation System	1,200,000	687,938	6,000	506,062	57.8%	Martin White/Kim Wyskiel	Further rollout of the Traffic Management Centre and the upgrading of the traffic infrastructure program will see the utilization of the funds.	Further rollout of the Traffic Management Centre and the upgrading of the traffic infrastructure program will see the utilization of the funds.
2014	4241409506	Vincent Neighbourhood (South Section) - Council Priority	1,921,000	1,821,988	235	98,777	94.9%	Marco Oddi	Complete - Close once commitments are paid/cleared	Complete - pending final review/audit/payment
2014	4241409108	W1 Bike Lanes - Longwood Rd N	50,000	0	0	50,000	0.0%	Martin White/Kim Wyskiel	Work is currently postponed possibly to 2017	Work is currently postponed possibly to 2017
2014	4241409106	W1 Calming Strip & Speed Bumps etc.	200,000	44,931	0	155,069	22.5%	Martin White/Kim Wyskiel	Working with Ward 1 Councillor project is underway.	Working with Ward 1 Councillor, project is underway.
2015	4241509213	2way Conversion Duke & Bold St	300,000	0	0	300,000	0.0%	Martin White/Kim Wyskiel	Work completed charges not posted.	Work commencing August 2016
2015	4041517124	Bicycle Route Program - 2015	360,000	336,856	23,144	(0)	100.0%	Martin White/Kim Wyskiel	100% committed - close once P.O.'s are paid/cleared	Remaining funds to be spent in 2016
2015	4041503519	Bike Racks Urban Renewal	79,324	32,146	24,000	23,178	70.8%	Alan Kirkpatrick	Ongoing bike rack purchase and installation.	Ongoing bike rack purchase and installation.
2015	4031518217	Bridge & Culvert Maintenance - 2015	2,444,000	1,765,735	678,265	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent/committed by Q4 2016.
2015	4031518275	Bridge 275 - York Blvd, 105m n/o Valley Inn Rd	3,550,000	1,876,331	1,617,536	56,134	98.4%	Marco Oddi	Construction on going and expected to be complete in 2016	Construction on going and expected to be complete in 2016

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2015	4031518347	Bridge 347 - Carlisle Rd, 355 m w/o Wildberry Way	250,000	23,270	28,379	198,352	20.7%	Rick Andoga/Trevor McClung	Ongoing multi-year project. Tech. Studies in 2015, ESA Monitoring and Environmental Assessments in 2016, Design in 2017 and Construction in 2019. 2015 Tech. Study (100k) not used since it was determined that bridge would be replaced, therefore funding to be used towards Design/Construction. EA delayed due to new heritage requirements pre-screening that will be determined by late 2016, and results well indicate EA Schedule requirement	Ongoing multi-year project. Tech. Studies in 2015, ESA Monitoring and Environmental Assessments in 2016, Design in 2017 and Construction in 2019. 2015 Tech. Study (100k) not used since it was determined that bridge would be replaced, therefore funding to be used towards Design/Construction.
2015	4031518360	Bridge 360 - Blackheath Rd, 360m n/o Haldibrook	150,000	15,376	14,664	119,960	20.0%	Rick Andoga/Trevor McClung	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2014, Design 2016 and Construction 2018.
2015	4031518403	Bridge 403 - Harrison Rd, 275m s/o Kirk Rd	150,000	15,793	30,397	103,810	30.8%	Rick Andoga/Trevor McClung	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.
2015	4031518405	Bridge 405 - Blackheath Rd, 225m n/o Haldibrook Rd	150,000	15,575	16,763	117,662	21.6%	Rick Andoga/Trevor McClung	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.
2015	4031518409	Bridge 409 - Regional Rd 97	150,000	14,038	9,910	126,052	16.0%	Rick Andoga/Trevor McClung	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.	Ongoing multi-year project. ESA Monitoring 2015, Design 2016 and Construction 2018.
2015	4031518436	Bridge 436 - Haldibrook Rd, 35m e/o Glancaster Rd	583,490	579,509	3,916	65	100.0%	Marco Oddi	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved.
2015	4031560999	Closed Projects - Roads	228,725	35,942	212,965	(20,182)	108.8%	Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.
2015	4041520526	Concession St IPS Install at East 13th & Viewpoint	350,000	157,825	8,517	183,658	47.5%	Martin White/Kim Wyskiel	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	4031514405	Contaminated Soil & Rock Disposal 2015	974,000	811,877	87,248	74,875	92.3%	Rick Andoga/Pat McNab	Complete - Close once commitments are paid/cleared	Anticipate 100% spent by year end 2016

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2015	4031511017	Council Priority Road Rehabilitation - 2015	2,100,000	1,775,837	297,060	27,103	98.7%	Marco Oddi/Pat McNab	Tragina - Vansitmart to north end construction ongoing. Surplus unknown until completion of this project.	Ridge - McNeilly to Hamilton/Grimsby boundary and Tragina - Vansitmart to north end construction ongoing. Surplus unknown until completion of these projects.
2015	4241509209	Durand Traffic Calming	60,000	0	0	60,000	0.0%	Martin White/Kim Wyskiel	waiting to resolve maintenance strategy prior to completion	Waiting to resolve maintenance strategy prior to full completion.
2015	4031517241	Fencing Rehab/Replace within the Road Allowance - 2015	250,000	75,447	26,970	147,583	41.0%	Brian Hughes	Anticipate 100% spent Q2 2017. Council approved use of surplus of \$50K towards 2017 Tax Capital Budget (Dec 14/16).	Anticipate 100% spent Q3 2016.
2015	4031511225	Geotechnical Investigation Program 2015	208,000	97,194	111,876	(1,070)	100.5%	Marco Oddi/Pat McNab	Project to be closed at year end 2016	Project to be closed at year end 2016
2015	4041517384	Guide Rail Replacement Program - 2015	450,000	384,920	39,410	25,670	94.3%	Brian Hughes	Anticipate 100% spent by Q4 2016	Anticipate 100% spent by Q4 2016
2015	4041510018	High Watt Street Light Project	5,500,000	4,893,867	255,824	350,309	93.6%	Gord McGuire	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	4031555215	Highway 403 Ramp Studies	951,440	26,543	48,378	876,519	7.9%	Alan Kirkpatrick	To continue with the Class EA study, negotiating legal agreement with MTO needs council direction. Currently discussing agreement with City Legal and Risk Management sections. Once the EA study is completed and approved and Council approval to proceed, detailed design work and construction plans will be undertaken.	Project on hold pending Legal review of agreements with MTO.
2015	4031518533	Hwy 8 Culvert (Dundas Hill) - 230 m n/o Springhill Rd	1,000,000	294,100	395,493	310,406	69.0%	Marco Oddi	Complete - pending final review/audit/payment.	Construction on going. Expected to be completed by Sept 2016
2015	4041520525	IPS - Intersection Pedestrian Signal - 2015	700,000	172,840	0	527,160	24.7%	Martin White/Kim Wyskiel	2016 work is underway	2016 projects are underway and will be complete by Q4.
2015	4031511222	New Sidewalk Program - 2015	630,000	496,472	60,950	72,579	88.5%	Marco Oddi	Construction ongoing. Anticipate 100% spent/committed by year end 2016.	Construction ongoing. Anticipate 100% spent/committed by year end 2016.
2015	4041514012	New Traffic Signal - Fifty & South Service Rd (Walmart)	500,000	0	0	500,000	0.0%	Martin White/Kim Wyskiel	This is a Development project - timeline to be determined through development approval process.	This is a Development project - timeline to be determined through development approval process.

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2015	4041514013	New Traffic Signal - Legend & Martindale (Costco)	200,000	152,220	59,147	(11,367)	105.7%	Martin White/Kim Wyskiel	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	4041514008	New Traffic Signal Installation Program - 2015	950,000	591,427	76,820	281,753	70.3%	Martin White/Kim Wyskiel	Garth and Claudette work delayed until 2016	Garth and Claudette work delayed until 2016
2015	4041514009	New Traffic Signal- Mall Rd (395 Mohawk Rd E)	160,000	0	0	160,000	0.0%	Martin White/Kim Wyskiel	Design work is complete. Work will be commencing by construction services.	Design work is complete. Work will be commencing by construction services.
2015	4041514011	New Traffic Signal- Parkside and Hollybush	500,000	4,680	0	495,320	0.9%	Martin White/Kim Wyskiel	Waiting for construction to begin before we do our signals.	Waiting for construction to begin before we do our signals.
2015	4041510004	Niagara Escarpment Slope Stabilization	510,000	450,185	39,610	20,205	96.0%	Brian Hughes	Anticipate 100% spent by Q4 2016	Anticipate 100% spent by Q3 2016
2015	4041549352	Noise and Barrier Wall Rehabilitation Program - 2015	150,000	130,794	3,362	15,844	89.4%	Brian Hughes	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved.
2015	4031518218	OSIM Bridge and Culvert Inspections 2015	220,000	184,091	21,935	13,973	93.6%	Rick Andoga/Trevor McClung	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	4241509211	Pedestrian Safety Initiatives	150,000	0	0	150,000	0.0%	Martin White/Kim Wyskiel	Funds to be returned as per motion in PW Report 16-011.	Funds to be returned as per motion in PW Report 16-011.
2015	4031517677	Preventative Maintenance Program - 2015	2,000,000	1,705,000	295,000	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent by Q4 2016
2015	4031549555	QA-QC Service Contract Program - 2015	150,000	128,968	1,517	19,515	87.0%	Marco Oddi/Pat McNab	Complete - Close once commitments are paid/cleared	Project to be closed at year end 2016
2015	4031510012	Railway Roadway Crossings Rehab Program - 2015	250,000	177,607	0	72,393	71.0%	Brian Hughes	Ongoing - works in progress	Program discussions underway with various rail authorities.
2015	4041510417	Retaining Wall Rehabilitation - 2015	530,000	438,157	91,843	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent by Q3 2016

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2015	4031519101	Road Reconstruction Program 2015	7,150,000	3,861,614	2,262,702	1,025,685	85.7%	Marco Oddi/Pat McNab	Multi-year project. 4 of 6 project awarded. Balance of projects design only with construction in 2017. Surplus unknown until completion of all projects.	Multi-year project. 4 of 6 project awarded. Balance of projects design only with construction in 2017. Surplus unknown until completion of all projects.
2015	4031511015	Road Resurfacing Program 2015	4,890,000	3,820,594	574,729	494,677	89.9%	Marco Oddi/Pat McNab	Multi-year project. 4 of 4 projects awarded. Rice - Chedmac to Mohawk & Sanatorium - Rice to W33rd construction close to completion. \$400k surplus available at this time.	Multi-year project. 4 of 4 projects awarded. Rice - Chedmac to Mohawk & Sanatorium - Rice to W33rd construction ongoing. Surplus unknown until completion of this project.
2015	4241509108	Road Work - Aberdeen from Queen	25,000	0	0	25,000	0.0%	Alan Kirkpatrick	Postponed until City-wide Transportation Master Plan completed.	Postponed until City-wide TMP completed.
2015	4041511351	Roads - Alleyway Rehabilitation - 2015	441,000	1,288	12,130	427,582	3.0%	Brian Hughes	Anticipate report to Council in 2017 with options for maintenance strategy and ownership.	Anticipate report to Council in Q3 2016 with options for maintenance strategy and ownership.
2015	4031551410	Roads Small Equip Purchase - 2015	50,000	13,295	36,705	-	100.0%	Bob Paul	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% committed/spent Q4 2016
2015	4041514015	RR 56 Urbanization - Traffic Signals	780,000	78,504	152,138	549,358	29.6%	Martin White/Kim Wyskiel	Work is ongoing at these locations.	Work is ongoing at these locations.
2015	4031511223	Semi Barrier Rehabilitation Program - 2015	200,000	128,282	71,718	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Close once commitments are paid/cleared/moved.
2015	4031517522	Shaver Road Yard Drainage Rehabilitation	290,000	50,785	47,766	191,449	34.0%	Brian Hughes	Project scope under review due to high construction estimate	Anticipate 100% spent Q4 2016
2015	4031511224	Sidewalk Rehabilitation Program - 2015	500,000	316,497	183,503	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent Q4 2016
2015	4031541910	Snow Disposal Facility	1,585,000	68,285	31,522	1,485,193	6.3%	Brian Hughes	PO Com for Upper Ottawa location. Anticipate work completion Q3 2017. North end land acquisition with Portfolio Mgmt. Group	PO Com for Up Ottawa work anticipated Completion Q4 2016. North end land acquisition with Portfolio Mgmt. Group
2015	4031555522	State of the Infrastructure - Asset Management	470,000	212,294	244,191	13,515	97.1%	Rick Andoga	Various reporting currently under development.	Various reporting currently under development.
2015	4041510017	Street Lighting Program - Enhancement & Maintenance - 2015	1,440,000	942,750	59,622	437,628	69.6%	Gord McGuire	\$425k being used to wip fund 2017 program and then this project can be closed.	Funds that are held in support of Capital program for ongoing projects

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2015	4041510016	Street Lighting Program - New Lights - 2015	1,200,000	389,933	430,145	379,922	68.3%	Gord McGuire	On-going - funding allocated to PW capital construction projects	On-going - funding allocated to PW capital construction projects
2015	4031518219	Structural Investigations and Reports - 2015	400,000	196,141	64,274	139,585	65.1%	Rick Andoga/Trevor McClung	Anticipate 100% spent at year end 2016.	Anticipate 100% spent at year end 2016.
2015	4041515019	Traffic Controller Replacement - 2015	600,000	190,483	0	409,517	31.7%	Martin White/Kim Wyskiel	Currently adopting a new cabinet standard replacement has been postponed to utilize new technology, completion Q4 2016.	Currently adopting a new cabinet standard replacement has been postponed to utilize new technology, completion Q4 2016.
2015	4031515820	Traffic Counts Program - 2015	150,000	49,629	13,627	86,744	42.2%	Gord McGuire	Ongoing - work in process. Anticipate 100% spent/committed by year end 2016.	Ongoing - work in process. Anticipate 100% spent/committed by year end 2016.
2015	4241509123	Traffic Ops - Functional Design	50,000	39,020	11,655	(675)	101.3%	Alan Kirkpatrick	Feasibility Project to be completed Q4 2016.	Project to be completed Q4 2016.
2015	4041520016	Traffic Signal Communications System/Modernization/Upgrades - 2015	750,000	635,983	104,003	10,014	98.7%	Martin White/Kim Wyskiel	The remaining funds are required to complete the Traffic Management Centre. Funds to be utilized by Q1 2016	The remaining funds are required to complete the Traffic Management Centre. Funds to be utilized by Q1 2016
2015	4031520110	Traffic Signal Electrical Systems Improvement - 2015	950,000	117,170	58,215	774,615	18.5%	Martin White/Kim Wyskiel	\$772k being used to WIP fund the 2017 amalgamated ATMS.	These funds will be utilized with the rollout of the Traffic Management Centre prior to year end.
2015	4041514010	Traffic Signal Modernization & Upgrades Program - 2015	502,000	396,110	0	105,890	78.9%	Martin White/Kim Wyskiel	Waiting for costs to be complete prior to closing account..	Waiting for costs to be complete prior to closing account..
2015	4041520540	Traffic Signal Modernization Coordinated with ESI - 2015	1,150,000	459,575	72,350	618,075	46.3%	Martin White/Kim Wyskiel	Construction projects pushed to 2016 therefore work not completed as yet.	Construction projects pushed to 2016 therefore work not completed as yet.
2015	5301555820	Transport Demand Mgmt Program - 2015	295,000	169,912	18,366	106,722	63.8%	Alan Kirkpatrick	Funding to be utilized for FCM "Everyone Rides" Program approved by Council.	Ongoing - work in progress
2015	4031555940	Transportation Tomorrow Survey - 2015	19,000	15,320	0	3,680	80.6%	Alan Kirkpatrick	Account can be closed at year-end.	Active account related to Transportation Tomorrow Survey (TTS) process.
2015	4031541762	Yard Facility Maintenance & Improvement Program - 2015	100,000	46,365	3,862	49,773	50.2%	Bob Paul	Anticipate 100% spent Q4 2016.	Anticipate 100% spent Q4 2016.
2016	4031655622	Active Transport Benchmarking	30,000	22,737	775	6,488	78.4%	Alan Kirkpatrick	Ongoing purchase and installation of cycling/pedestrian Eco Counters.	Ongoing purchase and installation of Eco Counters.

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			a	b	c	d	e			
2016	4661620531	APS - Accessible Pedestrian Signals - 2016	150,000	407	41,754	107,839	28.1%	Martin White/Kim Wyskiel	2016 work is underway	2016 work is underway.
2016	4031655643	Area Specific TM Plans	634,970	44,710	40,259	550,000	13.4%	Alan Kirkpatrick	Ongoing projects for the next 4 years.	Ongoing projects for the next 4 years.
2016	4031611016	Asset Preservation - Local Roads - 2016	8,500,000	6,324,503	1,546,582	628,914	92.6%	Marco Oddi/Pat McNab	4 of 4 projects awarded. Anticipate a surplus but unknown at this time while construction is ongoing.	4 of 4 projects awarded. Anticipate a surplus but unknown at this time while construction is ongoing.
2016	4661620001	ATMS - Advanced Traffic Management System	1,847,000	491,924	385,911	969,165	47.5%	Martin White/Kim Wyskiel	2016 work is underway	2016 work is underway.
2016	4041617124	Bicycle Route Program - 2016	300,000	129,463	125,857	44,680	85.1%	Martin White/Kim Wyskiel	Remaining funds to be spent in 2016	Remaining funds to be spent in 2016
2016	4031641660	Brampton Yard-Salt Dome Rehab	150,000	6,334	103,496	40,170	73.2%	Brian Hughes	Construction underway Q4 2016	Specs received. Anticipate 100% complete Q4 2016.
2016	4031618217	Bridge & Culvert Maintenance - 2016	2,388,000	152,364	852,056	1,383,579	42.1%	Brian Hughes	Ongoing - committed Q1 2017	2016 Program underway.
2016	4031618090	Bridge 090 - McMurray	100,000	9,615	0	90,385	9.6%	Rick Andoga/Trevor McClung	2016 Tech Study funds (100k) to be used for 2017 ESA Study.	2016 Tech Study funds (100k) to be used for 2017 ESA Study.
2016	4031618330	Bridge 330-Birch @ Burlington	100,000	11,614	44,560	43,826	56.2%	Rick Andoga/Trevor McClung	Ongoing - multi-year project. Structural Assessment Studies in 2016, Design in 2019 & 2020, Construction in 2022	Ongoing - multi-year project. Structural Assessment Studies in 2016, Design in 2019 & 2020, Construction in 2022
2016	4031618332	Bridge 332 - Birch @ Princess	100,000	9,615	46,525	43,860	56.1%	Rick Andoga/Trevor McClung	Ongoing - multi-year project. Structural Assessment Studies in 2016, Design in 2019 & 2020, Construction in 2022	Ongoing - multi-year project. Structural Assessment Studies in 2016, Design in 2019 & 2020, Construction in 2022
2016	4031618355	Bridge 355 - White Church	100,000	9,615	0	90,385	9.6%	Rick Andoga/Trevor McClung	Ongoing multi-year project. Design in 2016, Construction in 2017.	Ongoing multi-year project. Design in 2016, Construction in 2017.
2016	4031618385	Bridge 385 - Westover Rd	50,000	4,807	20,893	24,300	51.4%	Rick Andoga/Trevor McClung	Ongoing multi-year project. ESA Monitoring 2016, Design 2017 and Construction 2019.	Ongoing multi-year project. ESA Monitoring 2016, Design 2017 and Construction 2019.

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2016	4031619102	Britannia / Oriole / Adair / Glassco	2,750,000	284,570	2,143,824	321,605	88.3%	Marco Oddi/Pat McNab	Ongoing - work in progress	Contract awarded. Construction to begin 2016
2016	4031614405	Contaminated Soil & Rock Disposal 2016	750,000	61,548	0	688,452	8.2%	Rick Andoga/P at McNab	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction. Future projects suspended pending depletion of these funds.	Ongoing - work in progress. % spent is dependant upon contaminated soil/excess rock discovered at time of construction.
2016	4031655641	Cordon Count Project	110,000	80,976	16,024	12,999	88.2%	Alan Kirkpatrick	Activity completed. Once all invoices processed account can be closed.	Ongoing with expected completion Q4 2016.
2016	4031611620	CP Minor Maintenance All Wards	265,050	259,850	0	5,200	98.0%	Rick Andoga/P at McNab	To be closed in 2017 after 2016 year end reporting.	Ongoing - work in progress
2016	4031611601	CP Minor Maintenance Ward 1	1,505,310	107,529	266	1,397,515	7.2%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611610	CP Minor Maintenance Ward 10	1,320,340	206,816	6,569	1,106,955	16.2%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611611	CP Minor Maintenance Ward 11	653,960	255,577	83,745	314,637	51.9%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611612	CP Minor Maintenance Ward 12	1,143,660	60,860	24,560	1,058,240	7.5%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611613	CP Minor Maintenance Ward 13	1,505,310	214,220	201,578	1,089,513	27.6%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611614	CP Minor Maintenance Ward 14	635,420	149,614	30,000	455,806	28.3%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611615	CP Minor Maintenance Ward 15	699,990	187,997	180,711	331,282	52.7%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611602	CP Minor Maintenance Ward 2	1,505,310	102,781	18,440	1,384,089	8.1%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611603	CP Minor Maintenance Ward 3	1,348,450	231,670	305,816	810,964	39.9%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611604	CP Minor Maintenance Ward 4	786,890	60,856	27,270	698,764	11.2%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests

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2016	4031611605	CP Minor Maintenance Ward 5	811,300	355,586	446,866	8,848	98.9%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611606	CP Minor Maintenance Ward 6	1,149,160	374,416	7,640	767,103	33.2%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611607	CP Minor Maintenance Ward 7	967,960	406,679	82,967	478,314	50.6%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611608	CP Minor Maintenance Ward 8	1,432,830	162,620	50,000	1,220,210	14.8%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4031611609	CP Minor Maintenance Ward 9	1,151,700	413,548	93,597	644,555	44.0%	Rick Andoga/P at McNab	% spent based on Councillor requests	% spent based on Councillor requests
2016	4041610004	Escarpment Slope Stabilization Program - 2016	343,230	133,270	209,553	406	99.9%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	2016 Program underway.
2016	4031617241	Fencing Rehab/Replace within the Road Allowance - 2016	50,000	3,937	29,831	16,232	67.5%	Brian Hughes	Ongoing - work in progress	2016 Program underway.
2016	4031611225	Geotechnical Investigation Program - 2016	209,000	64,571	141,943	2,487	98.8%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	Anticipate 100% spent at year end 2016.
2016	4041617384	Guide Rail Replacement Program - 2016	400,000	11,723	10,565	377,712	5.6%	Brian Hughes	Anticipate 100% spent by Q2 2017	2016 Program underway.
2016	4661620550	Hwy 6 Signal - Conc 5 & Hwy 6	1,500,000	0	0	1,500,000	0.0%	Martin White/Kim Wyskiel	Awaiting Ward 15 Councillor direction to proceed	Awaiting Ward 15 Councillor direction to proceed.
2016	4661620525	IPS - Intersection Pedestrian Signal - 2016	550,000	89,007	80,038	380,955	30.7%	Martin White/Kim Wyskiel	2016 work is underway	2016 work is underway.
2016	4041610018	Low-Wattage-LED Replace	3,200,000	0	99,000	3,101,000	3.1%	Gord McGuire	Project study phase underway, supplier has been standardized and will commence in Q4	Project study phase underway, supplier has been standardized and will commence in Q4
2016	4031610005	Major Road Maintenance Program - 2016	780,000	276,442	503,558	-	100.0%	Brian Hughes	Tender awarded - anticipate 100% spent by Q3 2017	2016 Program underway.
2016	4031610006	Minor Construction 2016	300,000	94,508	150,644	54,849	81.7%	Rick Andoga/P at McNab	Ongoing - work in progress	Ongoing - work in progress

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2016	4241609602	Mohawk - Up Gage to Up Ottawa	880,000	511,582	173,824	194,594	77.9%	Marco Oddi	Complete - pending final review/audit/payment	Under construction
2016	4241609601	Mohawk - Up Sherman to Up Gage	680,000	419,248	142,220	118,533	82.6%	Marco Oddi	Complete - pending final review/audit/payment	Under construction
2016	4031611222	New Sidewalk Program - 2016	480,000	168,176	229,581	82,243	82.9%	Marco Oddi	Construction ongoing. Anticipate 100% spent/committed by year end 2016.	Anticipate 100% spent at year end 2016.
2016	4661620053	New Signal - Rymal @ Second	150,000	0	0	150,000	0.0%	Martin White/Kim Wyskiel	Temporary signal installed this is to fund permanent signal once road widening is completed	Work is scheduled to be completed Q4 2016.
2016	4661620008	New Traffic Signal Installation Program - 2016	2,380,000	622,235	344,757	1,413,007	40.6%	Martin White/Kim Wyskiel	2016 work is underway	2016 work is underway.
2016	4041649352	Noise and Barrier Wall Rehabilitation Program - 2016	50,000	0	0	50,000	0.0%	Brian Hughes	Waiting for consultant condition assessment	2016 Program underway.
2016	4031618218	OSIM Bridge and Culvert Inspections 2016	220,000	21,152	189,898	8,950	95.9%	Rick Andoga/Trevor McClung	Ongoing - work in progress	Project has not started. Will start in late summer 2016.
2016	4031617677	Preventative Maintenance Program - 2016	2,000,000	1,256,941	456,413	286,646	85.7%	Brian Hughes	Ongoing - work in progress	2016 Program underway.
2016	4031649555	QA-QC Service Contract - 2016	150,000	14,422	0	135,578	9.6%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% spent at year end 2016.
2016	4031610014	Railway Road Crossing Safety	100,000	12,589	54,329	33,082	66.9%	Brian Hughes	Study underway. Anticipate 100% spent Q1 2017	Study underway. Anticipate 100% spent Q1 2017
2016	4031610012	Railway Roadway Crossings Rehab Program - 2016	150,000	0	0	150,000	0.0%	Brian Hughes	Works subject to Rail Authority Programming	Program discussions underway with various rail authorities.
2016	4041610417	Retaining Wall Rehabilitation - 2016	700,000	112,678	114,788	472,534	32.5%	Brian Hughes	Ongoing - anticipate 100% committed in Q2 2017	2016 Program underway
2016	4031651620	Road O&M Fleet Replacement	500,000	0	0	500,000	0.0%	Bob Paul	Anticipate 100% committed Q4-2016	Anticipate 100% committed Q3 2016
2016	4031619101	Road Reconstruction 2016	1,350,000	565,026	613,652	171,322	87.3%	Marco Oddi/Pat McNab	Multi-year project. 2 of 5 projects awarded and 1 cancelled. The remaining 2 are design only with construction in 2017.	Multi-year project. 2 of 5 projects awarded and 1 cancelled. The remaining 2 are design only with construction in 2017.

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2016	4031611015	Road Resurfacing Program 2016	4,980,000	1,991,994	2,279,536	708,470	85.8%	Marco Oddi/Pat McNab	Multi-year project. 6 of 7 projects awarded. Milborough Line - Carlisle / Kilbride St to Derry Rd being cost shared with Halton. Surplus unknown until completion of all projects.	Multi-year project. 6 of 7 projects awarded. Surplus unknown until completion of all projects.
2016	4031651410	Roads Small Equip Purchase - 2016	147,002	8,598	0	138,404	5.8%	Bob Paul	100% committed Q4 2016	2016 Program underway.
2016	4031611223	Semi Barrier Rehabilitation Program - 2016	200,000	91,520	3,901	104,579	47.7%	Brian Hughes	Anticipate 100% spent by Q2 2017	2016 Program underway.
2016	4031617642	Sherman Access Retaining Wall	800,000	76,916	80,400	642,684	19.7%	Rick Andoga/ Trevor McClung	Ongoing - work in progress	Project has not started. Will start in late summer 2016.
2016	4031611224	Sidewalk Rehabilitation Program - 2016	577,995	37,146	232,402	308,447	46.6%	Brian Hughes	Anticipate 100% spent Q2 2017	2016 Program underway.
2016	4031655522	SoTI - Asset Management	600,000	51,351	0	548,649	8.6%	Rick Andoga	Various reporting currently under development.	Various reporting currently under development.
2016	4041610017	Street Lighting Program - Enhancement & Maintenance - 2016	350,000	5,539	21,756	322,705	7.8%	Gord McGuire	\$315k being used to wip fund 2017 program and then this project can be closed.	Funds that are held in support of Capital program for ongoing projects
2016	4041610016	Street Lighting Program - New Lights - 2016	2,000,000	331,816	719,584	948,599	52.6%	Gord McGuire	Ongoing - funding allocated to PW capital construction projects	Ongoing - funding allocated to PW capital construction projects
2016	4031618219	Structural Investigations and Reports - 2016	400,000	38,458	150,000	211,542	47.1%	Rick Andoga/ Trevor McClung	Ongoing	Ongoing
2016	4031655926	T.M.P. Performance Measurement	263,095	0	100	262,995	0.0%	Alan Kirkpatrick	Ongoing - work in progress with City-wide Transportation Master Plan	Ongoing - work in progress
2016	4661620019	Traffic Controller Replacement - 2016	600,000	0	0	600,000	0.0%	Martin White/Kim Wyskiel	2016 work will be underway upon receipt of new controllers.	2016 work will be underway upon receipt of new controllers.
2016	4031615820	Traffic Counts Program - 2016	150,000	14,422	0	135,578	9.6%	Gord McGuire	Ongoing - work in process. Anticipate 100% spent/committed by year end 2017.	2016 Program underway

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2016	4661620522	Traffic Engineering - Signal Design	300,000	85,945	185,618	28,436	90.5%	Martin White/Kim Wyskiel	2016 Program underway	2016 Program underway
2016	4661620017	Traffic Signal LED Upgrades - 2016	400,000	5,395	0	394,605	1.3%	Martin White/Kim Wyskiel	2016 Program underway	2016 Program underway
2016	4661620010	Traffic Signal Modernization & Upgrades Program - 2016	300,000	106,357	116,025	77,618	74.1%	Martin White/Kim Wyskiel	2016 Program underway	2016 Program underway
2016	4661620540	Traffic Signal Modernization Coordinated with ESI - 2016	1,230,000	169,488	110,994	949,518	22.8%	Martin White/Kim Wyskiel	2016 Program underway	2016 Program underway
2016	4031655820	Transport Demand Mngt Program - 2016 & Smart Commute	196,300	82,410	4,149	109,742	44.1%	Alan Kirkpatrick	Ongoing - work in progress	Ongoing - work in progress
2016	4031655940	Transportation Tomorrow Survey - 2016	259,370	35,709	74,291	149,370	42.4%	Alan Kirkpatrick	The 2016 TTS is underway.	Will be spent once 2015 funds have been used.
2016	4661620630	Two Way Road Conversion	740,000	125,929	20,542	593,529	19.8%	Martin White/Kim Wyskiel	2016 Program underway	2016 Program underway
2016	4031655642	Victoria - 2-way Conversion	330,000	18,742	11,500	299,758	9.2%	Alan Kirkpatrick	Phase 1 ongoing to address CN's needs and requirements for level-crossing. Conversion postponed to 2017.	Ongoing with meeting with CN's needs and requirements.
2016	4241609703	Ward 7 - Concrete Repairs	100,000	0	100,000	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Contracts out. 2016 Program underway
2016	4241609804	Ward 8 Dynamic Speed Signs	15,000	0	0	15,000	0.0%	Martin White/Kim Wyskiel	Working with Ward 8 Councillor, Tender closed speed signs to be installed in Q3 of 2016.	Working with Ward 8 Councillor, Tender closed speed signs to be installed in Q3 of 2016.
2016	4241609801	Ward 8 Sidewalks & Mountable curbs	150,000	0	0	150,000	0.0%	Brian Hughes	Construction underway	Contracts out. 2016 Program underway
2016	4241609806	Ward 8 Speed bumps	20,000	0	0	20,000	0.0%	Martin White/Kim Wyskiel	Working with Ward 8 Councillor on locations.	Working with Ward 8 Councillor on locations.

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2016	4031641762	Yard Facility Maintenance & Improvement Program - 2016	294,000	9,599	49,000	235,401	19.9%	Bob Paul	Anticipate 100% committed/spent Q2 2016	2016 Program underway.
<u>Total Roads</u>			271,601,781	170,915,470	40,518,723	60,167,588	77.8%			
Total Public Works - Tax			839,399,408	536,102,917	155,331,400	147,965,091	82.4%			

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			a	b	c	d	e			
<u>CAPITAL DELIVERY SECTION</u>										
<u>Water Rates</u>										
2006	5140667650	Carlise Communal Well Upgrade	4,840,000	4,592,021	79,332	168,647	96.5%	Christopher Mills	STATUS: Works Completed (Carlisle Tower Refurbishment). Work in Progress - Wells HDT01 (FDC01-FDC05) Closed System Operation Upgrades. NEXT STEPS: Completion Q4 2016.	STATUS: Works Completed (Carlisle Tower Refurbishment). Work in Progress - Wells HDT01 (FDC01-FDC05) Closed System Operation Upgrades. NEXT STEPS: Completion Q4 2016.
2007	5140795752	PD3 PS HghInd Grdns-W08	7,080,000	5,540,805	1,454,844	84,351	98.8%	Christopher Mills	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q4 2016.	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q4 2016.
2009	5140967950	ISF-672-Ferguson PS Upgrade	22,730,000	22,905,900	50,306	(226,206)	101.0%	Christopher Mills	STATUS: Substantially Performed. Work in Progress - Investigation of the vertical turbine pump issues. NEXT STEPS: Completion Q4 2016. Negative balance due to unanticipated tax changes and internal staffing allocation.	STATUS: Substantially Performed. Work in Progress - Investigation of the vertical turbine pump issues. NEXT STEPS: Completion Q3 2016. Negative balance due to unanticipated tax changes and internal staffing allocation.
2009	5140967951	ISF-714-Hillcrest Reservoir	13,400,000	12,708,435	100,000	591,565	95.6%	Christopher Mills	STATUS: Work Completed (Hillcrest Reservoir Phase 2). Work in Progress - Royal Botanical Gardens Annual Reporting on Butternut Trees. NEXT STEPS: Final Report due from RBG in 2016.	STATUS: Work Completed (Hillcrest Reservoir Phase 2). Work in Progress - Royal Botanical Gardens Annual Reporting on Butternut Trees. NEXT STEPS: Final Report due from RBG in 2016.
2009	5140967952	ISF-687-Kenilworth Reservoir	10,175,000	10,326,946	16,581	(168,527)	101.7%	Christopher Mills	STATUS: Substantially Performed. Work in Progress - Pump Assessment. NEXT STEPS: Account to be closed once deficiency repairs are completed Q4 2016. Negative balance due to unanticipated tax changes and internal staffing allocation.	STATUS: Substantially Performed. Work in Progress - Pump Assessment. NEXT STEPS: Account to be closed once deficiency repairs are completed Q3 2016. Negative balance due to unanticipated tax changes and revised staffing allocation.
2010	5141061303	Valve Chamber No 3 First-Isaac	2,790,000	487,765	2,338,178	(35,943)	101.3%	Christopher Mills	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2017. Negative balance due to internal staffing allocation.	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2017. Negative balance due to staffing allocation.
2011	5141166110	WTP - Process Upgrades	4,000,000	1,650,456	84,324	2,265,220	43.4%	Christopher Mills	STATUS: Work in Progress - Woodward WTP Upgrades Study, Chemical Dosing Optimization and Interference Study. NEXT STEPS: Request for Proposals for Design - Woodward WTP Upgrades Q4 2016.	STATUS: Work Completed - Woodward WTP Upgrades Investigation & Conceptual Design, AL-PO4 Dosing Study for the Corrosion Control Plan, CL2 System Vulnerability Assessment. NEXT STEPS: Request for Proposals for Design - Woodward WTP Upgrades Q3 2016.
2012	5141267270	Water Control Valve Upgrades	4,060,000	135,390	505,322	3,419,288	15.8%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2016.	STATUS: Work in Progress - Design. NEXT STEPS: Construction Q4 2016.

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			a	b	c	d	e			
2012	5141267271	PS HD018 Hwy 53 & HD011 Osler	740,000	320,248	32,443	387,309	47.7%	Christopher Mills	STATUS: Work in Progress - Construction (Osler HD011 Immediate Needs). NEXT STEPS: Substantial Performance Q4 2016.	STATUS: Work in Progress - Design of Osler HD011 Immediate Needs. NEXT STEPS: Tender for Construction - Osler HD011 Immediate Needs Q3 2016.
2012	5141267272	Hillcrest Reservoir - HDR02	12,200,000	7,656,155	4,071,826	472,019	96.1%	Christopher Mills	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2017.	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2017.
2012	5141267274	Kenilworth PS - HD005 Upgrades	2,710,000	405,340	164,045	2,140,615	21.0%	Christopher Mills	STATUS: Work in Progress - Design. Delay due to linear work by others in the Greenhill corridor thus postponing works at Kenilworth. NEXT STEPS: Request for Prequalified Contractors Q1 2017.	STATUS: Work in Progress - Design. Delay due to linear work by others in the Greenhill corridor thus postponing works at Kenilworth. NEXT STEPS: Tender for Construction Q2 2017.
2012	5141267275	SC Water Outstations Upgrade	3,890,000	2,018,661	1,806,872	64,467	98.3%	Christopher Mills	STATUS: Work in Progress - Substantially Performed (Greenhill Reservoir) & Construction (Stoney Creek Outstations). NEXT STEPS: Substantial Performance (Stoney Creek Outstations) Q1 2017.	STATUS: Work in Progress - Construction (Greenhill Reservoir and Valvehouse & Stoney Creek Outstations). NEXT STEPS: Substantial Performance (Greenhill Reservoir) Q3 2016 & (Stoney Creek Outstations) Q1 2017.
2012	5141269250	HVAC Upgrade New Lab & Admin	5,400,000	853,247	171,084	4,375,669	19.0%	Christopher Mills	STATUS: Work in Progress - Design & 2 Vendors Prequalified for Construction. NEXT STEPS: Tender for Construction Q4 2016 (Open for Bids).	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q3 2016.
2013	5141395353	Ferguson HD002 Pumping Stn	2,270,000	118,295	15,461	2,136,244	5.9%	Christopher Mills	STATUS: Work Complete - Grading, Drainage and Repaving at 200 Charlton Avenue East. NEXT STEPS: Request for Proposals for Design - Ferguson Phase 2 Q4 2016.	STATUS: Work Complete - Grading, Drainage and Repaving at 200 Charlton Avenue East. NEXT STEPS: Request for Proposals for Design - Ferguson Phase 2 Q3 2016.
2015	5141567520	HDR05 Reservoir Upgrades	4,192,000	117,786	438,252	3,635,962	13.3%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2016.	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q4 2016.
2015	5141567525	HDR08 Reservoir Decommission	520,000	55,592	78,057	386,351	25.7%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2016.	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q4 2016.
2015	5141567574	HDR01 Reservoir Upgrades	110,000	-	-	110,000	0.0%	Christopher Mills	STATUS: Delay due to linear work by others in the Greenhill corridor thus postponing works at Kenilworth. NEXT STEPS: Issue Project Charter Q2 2017.	STATUS: Delay due to linear work by others in the Greenhill corridor thus postponing works at Kenilworth. NEXT STEPS: Issue Project Charter Q2 2017.
2015	5141567575	High Lift PS Upgrades Phase 2	660,000	123,433	-	536,567	18.7%	Christopher Mills	STATUS: Work Completed - Conceptual Review and Construction Cost Estimate Assessment. NEXT STEPS: Roster Assignment for Electrical Study based on Conceptual Review recommendations Q4 2016.	STATUS: Work Completed - Conceptual Review and Construction Cost Estimate Assessment. NEXT STEPS: Roster Assignment for Electrical Study based on Conceptual Review recommendations Q3 2016.
2015	5141567576	Low Lift PS Upgrades Phase 2	470,000	105,656	49,709	314,635	33.1%	Christopher Mills	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once outstanding purchase orders are closed Q3 2017.	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q3 2016.

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			a	b	c	d	e			
2015	5141567577	Security - Water PS Facilities	620,000	49,606	68,919	501,475	19.1%	Christopher Mills	STATUS: Work in Progress - Conceptual Design of Security System Upgrades at High Priority Water Outstations. NEXT STEPS: Request for Proposals for Design Q4 2016.	STATUS: Work in Progress - Security System Upgrades at High Priority Water Outstations. NEXT STEPS: RFP for Design Q4 2016.
2015	5141572304	Hillcrest Feedermain	570,000	565,015	-	4,985	99.1%	Christopher Mills	STATUS: Work Completed. NEXT STEPS: Close Account.	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q1 2017.
2016	5141666110	WTP - Corrosion Control	4,270,000	38,882	854,735	3,376,383	20.9%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2016.	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q1 2017.
2016	5141666515	WTP - Surge Tower Upgrades	480,000	-	-	480,000	0.0%	Christopher Mills	NEXT STEPS: Roster for Design Q4 2016.	NEXT STEPS: RFP for Design Q3 2016.
2016	5141667420	Ben Nevis & Dewitt HD08A WPS	350,000	-	-	350,000	0.0%	Christopher Mills	NEXT STEPS: Request for Proposals for Design Q4 2016.	NEXT STEPS: RFP for Design Q3 2016.
2016	5141667421	Glancaster & Hwy 53 HD018 WPS	1,640,000	-	-	1,640,000	0.0%	Christopher Mills	STATUS: Land Purchase is in the Critical Path, Completion of EA is Q1 2017. NEXT STEPS: Request for Proposals for Design Q2 2017.	STATUS: Land Purchase is in the Critical Path, Completion of EA is Q4 2016. NEXT STEPS: RFP for Design Q1 2017.
2016	5141667422	Osler Road HD011 WPS	220,000	3,483	-	216,517	1.6%	Christopher Mills	NEXT STEPS: Issue Project Charter Q4 2016.	NEXT STEPS: Issue Project Charter Q3 2016.
2016	5141667424	Freelton Tower HDT03 Upgrades	1,600,000	-	8,737	1,591,263	0.5%	Christopher Mills	NEXT STEPS: Request for Proposals for Design Q4 2016.	NEXT STEPS: RFP for Design Q3 2016.
2016	5141695883	York & Valley HD016 WPS (W-26)	670,000	-	-	670,000	0.0%	Christopher Mills	STATUS: Work in Progress - Conceptual Review. NEXT STEPS: Request for Proposals for Design Q4 2016.	STATUS: Work in Progress - Conceptual Review. NEXT STEPS: RFP for Design Q3 2016.
Sub-Total Capital Delivery - Water			112,657,000	70,779,117	12,389,027	29,488,856	73.8%			

Wastewater - Rates

2007	5160795760	Southcote PS&Forcemain-HC008	6,312,100	2,133,206	924,475	3,254,419	48.4%	Christopher Mills	STATUS: Work Completed (Forcemain). Work in Progress - Construction (Pumping Station). NEXT STEPS: Substantial Performance (Pumping Station) Q1 2017.	STATUS: Work Completed (Forcemain). Work in Progress - Construction (Pumping Station). NEXT STEPS: Substantial Performance (Pumping Station) Q4 2016.
2007	5160795784	Twenty PS & Forcemain - HC018	4,770,000	4,380,857	551,086	(161,943)	103.4%	Christopher Mills	STATUS: Work Completed (Forcemain). Substantially Performed (Pumping Station). NEXT STEP: Account to be closed once maintenance and warranty period is completed (Pumping Station) Q1 2017. Negative balance due to staffing allocation.	STATUS: Work Completed (Forcemain). Substantially Performed (Pumping Station). NEXT STEP: Account to be closed once maintenance and warranty period is completed (Pumping Station) Q1 2017. Negative balance due to staffing allocation.
2009	5160966912	Decommission Waterdown WWTP-WW08	6,000,000	545,351	118,358	5,336,291	11.1%	Christopher Mills	STATUS: Work in Progress - Design & 7 Vendors Prequalified for Construction. NEXT STEPS: Tender for Construction Q4 2016.	STATUS: Work in Progress - Design (Evaluating Bids from Prequalified Contractors). NEXT STEPS: Tender for Construction Q3 2016.

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2010	5161066065	Waste Hauler Receiving Station	1,990,000	368,403	205,741	1,415,856	28.9%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q4 2016.	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q3 2016.
2010	5161067751	WW Outstns-Asset Management	710,000	648,501	208,527	(147,028)	120.7%	Christopher Mills	STATUS: Work in Progress - Construction (HC019 & HC031 Carbon Filters). NEXT STEPS: Substantial Performance Q4 2016; anticipate a project surplus upon completion which will reconcile overrun.	STATUS: Work in Progress - Construction (HC019 & HC031 Carbon Filters). NEXT STEPS: Substantial Performance Q3 2016; anticipate a project surplus upon completion which will reconcile overrun.
2011	5161167751	WW Outstns-Asset Management	1,200,000	1,236,036	20,532	(56,568)	104.7%	Christopher Mills	STATUS: Work in Progress - Contract Administration (DC013, FC003). NEXT STEPS : Substantial Performance Q4 2016. Negative balance due to staffing allocation.	STATUS: Work in Progress - Contract Administration (DC013, FC003). NEXT STEPS : Substantial Performance Q4 2016. Negative balance due to staffing allocation.
2012	5161261240	WSI-Leeds-Burl E Gate Removal	300,000	251,143	52,362	(3,505)	101.2%	Christopher Mills	STATUS: Work In Progress - Design. NEXT STEPS: To be coordinated with City's Linear (Roads) Infrastructure improvements program.	STATUS: Work In Progress - Design. NEXT STEPS: To be coordinated with City's Linear (Roads) Infrastructure improvements program.
2012	5161266213	Dundas WWTP Improvements	3,070,000	309,208	-	2,760,792	10.1%	Christopher Mills	STATUS: Work Complete - Preliminary Asset Replacement Study. NEXT STEPS: Request for Proposals for Design Q4 2016.	STATUS: Work Complete - Preliminary Asset Replacement Study. NEXT STEPS: Request for Proposals for Design Q3 2016.
2012	5161267270	Ancaster WW Outstations	6,310,000	570,715	282,835	5,456,450	13.5%	Christopher Mills	STATUS: Work in Progress - Design & 4 Vendors Prequalified for Construction (HC009, HC013). Odour Study of HC005. NEXT STEPS: Request for Tender Q4 2016 (HC009, HC013). Request for Proposals for Design Q4 2016 (HC005).	STATUS: Work in Progress - Design (HC009, HC013) and Odour Study (HC005). NEXT STEPS: Request for Tender Q3 2016 (HC009, HC013) and Request for Proposals for Design Q3 2016 (HC005).
2012	5161267273	Dundas WW Outstations	2,450,000	330,273	135,735	1,983,992	19.0%	Christopher Mills	STATUS: Work in Progress - Design & 5 Prequalified Contractors for Construction (DC005, DC006). NEXT STEPS: Tender for Construction Q4 2016 (DC005, DC006). Request for Proposals for Design (DC010) Q4 2016.	STATUS: Work in Progress - Design DC005, DC006 (5 Prequalified Contractors for Construction). NEXT STEPS: Tender for Construction Q3 2016 (DC005, DC006). RFP for Design (DC010) Q3 2016.
2013	5161367360	Cormorant & Osprey (HC014)	4,610,000	513,120	3,579,168	517,712	88.8%	Christopher Mills	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2017.	STATUS: Work in Progress - Construction. NEXT STEPS: Substantial Performance Q2 2017.
2013	5161367374	Waterdown Outstation Upgrades	3,570,000	1,584,229	2,029,864	(44,093)	101.2%	Christopher Mills	STATUS: Work in Progress - Construction (DC013, FC003). NEXT STEPS : Substantial Performance Q4 2016.	STATUS: Work in Progress - Construction (DC013, FC003). NEXT STEPS : Substantial Performance Q4 2016.
2015	5161595858	Binbrook PS Upgrade (WW-20)	2,640,000	333,636	288,489	2,017,875	23.6%	Christopher Mills	STATUS: Work in Progress - Design. NEXT STEPS: Request for Prequalified Contractors Q1 2017.	STATUS: Work in Progress - Design. NEXT STEPS: Tender for Construction Q1 2017.
2016	5161667622	Elgin FC001 Turnbull DC009 SPS	335,000	-	-	335,000	0.0%	Christopher Mills	STATUS: Refining Project Charter for Senior Management Approval Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.

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2016	5161667650	Calvin Rd HC011 SPS Upgrades	255,000	-	-	255,000	0.0%	Christopher Mills	STATUS: Project packaged with Eglin FC001 and Turnbull DC009 Upgrades 5161667622. NEXT STEPS: Account to be closed once \$255k has been WIP Funded through 2017 Capital Rates Budget.	STATUS: Refining Project Charter for Senior Management Approval.
<u>Sub-Total Capital Delivery - Wastewater</u>			44,522,100	13,204,678	8,397,172	22,920,250	48.5%			
<u>TOTAL CAPITAL DELIVERY SECTION</u>			157,179,100	83,983,795	20,786,199	52,409,106	66.7%			

INFRASTRUCTURE PLANNING & SYSTEMS DESIGN**Water - Rates**

2009	5140995956	Water Distribution Model	500,000	71,562	-	428,438	14.3%	Udo Ehrenberg	NEXT STEPS: Issue Project Charters for Water CAD Boundary Condition and Fire Demand, Automated Interface Q2 2017.	NEXT STEPS: Issue Project Charters for Water CAD Boundary Condition and Fire Demand, Automated Interface Q2 2017.
2012	5141255010	Water System Planning	300,000	191,565	8,560	99,875	66.7%	Udo Ehrenberg	STATUS: Work in Progress - South East Mountain servicing study, B-line Corridor Water Service Analysis. NEXT STEPS: Completion Q4 2016.	STATUS: Work in Progress - Hwy 5 Grindstone Creek Bridge Class EA, South East Mountain servicing study, B-line Corridor Water Service Analysis. NEXT STEPS: Completion Q4 2016.
2013	5141395354	PD18 Elevated Reservoir W14	2,100,000	69,346	73,666	1,956,988	6.8%	Udo Ehrenberg	STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Land Purchase is in the Critical Path, Completion of EA is Q1 2017. Detailed Design to follow.	STATUS: Work in Progress - Class EA and Conceptual Design, Terrestrial and Avian Assessments. NEXT STEPS: Land Purchase is in the Critical Path, Completion of EA is Q4 2016. Detailed Design to follow.
2014	5141495551	PD7 Elevated Reservoir W-23	1,440,000	-	-	1,440,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.
2015	5141567273	HD17A PS Replace Decommission	1,100,000	-	-	1,100,000	0.0%	Udo Ehrenberg	NEXT STEPS: Refining Project Charter for Senior Management Approval Q1 2017.	NEXT STEPS: Issue Project Charter. Capital Works to be undertaken based on availability of property for replacement station and EA to follow.
2015	5141595553	HD12A PS Upgrades (W-04)	720,000	-	24,123	695,878	3.4%	Udo Ehrenberg	STATUS: Work in Progress - EA and Land Negotiations with Horizon Utilities Corporation. NEXT STEPS: Completion EA Q4 2016 with Detailed Design to follow.	STATUS: Work in Progress - EA and Land Negotiations with Horizon Utilities Corporation. NEXT STEPS: Completion EA Q4 2016 with Detailed Design to follow.
2015	5141555010	Water Systems Planning	450,000	33,706	134,650	281,643	37.4%	Udo Ehrenberg	STATUS: Work in Progress - Review of servicing alternates for Ancaster, Development of SCADA Queries for W/WW Flow and Demand Reporting, Feasibility Study and Pre-Design for the Twinning of Waterdown Trunk Feedermain. NEXT STEPS: Completion Q1 2017.	STATUS: Work in Progress - Review of servicing alternates for Ancaster, Development of SCADA Queries for W/WW Flow and Demand Reporting, Feasibility Study and Pre-Design for the Twinning of Waterdown Trunk Feedermain. NEXT STEPS: Completion Q4 2016.

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2015	5141555264	City-Wide Water MP	550,000	-	-	550,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.
Sub-Total Infrastructure Planning & Systems Design -			7,160,000	366,179	240,999	6,552,822	8.5%			

Wastewater - Rates

2007	5160755640	Non-trunk Flow Monitoring	500,000	102,389	398,089	(478)	100.1%	Udo Ehrenberg	STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2019. Negative balance due to unanticipated tax changes.	STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2017. Negative balance due to unanticipated tax changes.
2008	5160867751	WW Outstns - Asset Management	2,655,000	1,213,233	1,465,917	(24,150)	100.9%	Udo Ehrenberg	STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2019. Negative balance due to unanticipated tax changes.	STATUS: Work Complete - Design of Wet Weather Control (Keep Open for Contract Administration of Phase 2 Construction). NEXT STEPS: Completion Q4 2017. Negative balance due to unanticipated tax changes.
2009	5160955953	Annual-Hydraulic Sewer Model	1,500,000	820,612	128,401	550,987	63.3%	Udo Ehrenberg	STATUS: Work in Progress - Refinement of the sanitary and combined sewer model files and calibration is ongoing. NEXT STEPS: Further Detailed Storm Sewer Hydraulic Model Calibration / Validation related to growth will be undertaken in 2017/2018.	STATUS: Work in Progress - Refinement of the sanitary and combined sewer model files and calibration is ongoing. NEXT STEPS: Further Detailed Storm Sewer Hydraulic Model Calibration / Validation related to growth will be undertaken in 2017/2018.
2010	5161055955	Annual I & I Studies & Control	450,000	337,871	98,472	13,657	97.0%	Udo Ehrenberg	STATUS: Work in Progress - Smoke Testing, Wastewater Flow Monitoring and Sanitary Sewer Evaluations, HC058 Capacity Analysis and Wet Weather Relief Class EA, West 18th & HC005 Sanitary Catchment Area Infiltration Study. NEXT STEPS: Completion Q4 2016.	STATUS: Work in Progress - Smoke Testing, Wastewater Flow Monitoring and Sanitary Sewer Evaluations, HC058 Capacity Analysis and Wet Weather Relief Class EA, West 18th & HC005 Sanitary Catchment Area Infiltration Study. NEXT STEPS: Completion Q4 2016.
2012	5161255010	Wastewater System Planning	300,000	228,465	61,055	10,480	96.5%	Udo Ehrenberg	STATUS: Work in Progress - Main/King CSO tank performance review, West Hamilton Area Wastewater System Analysis (Dundas WWTP Improvements Support). NEXT STEPS: Completion Q1 2017.	STATUS: Work in Progress - Main/King CSO tank performance review, West Hamilton Area Wastewater System Analysis (Dundas WWTP Improvements Support). NEXT STEPS: Completion Q4 2016.
2014	5161455010	Water System Planning	600,000	83,534	222,831	293,635	51.1%	Udo Ehrenberg	STATUS: Work in Progress - Highway 5 Grindstone Creek Bridge Utility Relocation, Pollution Control Plan, Riverdale East Flooding Investigation. NEXT STEPS: Completion Q3 2017.	STATUS: Work in Progress - Highway 5 Grindstone Creek Bridge Utility Relocation, Pollution Control Plan, Riverdale East Flooding Investigation. NEXT STEPS: Completion Q3 2017.
2014	5161455420	SERG - Flooding & Drainage MP	610,000	-	449,999	160,001	73.8%	Udo Ehrenberg	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2017.	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2017.

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2014	5161455640	Non-Trunk Flow Monitoring	400,000	257,021	58,931	84,048	79.0%	Udo Ehrenberg	STATUS: Work in Progress - Rain Gauges and Flow Monitoring Services (Interceptor and East of Red Hill Valley). NEXT STEPS: Completion Q1 2017.	STATUS: Work in Progress - Rain Gauges and Flow Monitoring Services, Interceptor, East of Red Hill Valley. NEXT STEPS: Completion Q4 2016.
2015	5161555010	Wastewater Systems Planning	300,000	206,656	49,146	44,198	85.3%	Udo Ehrenberg	STATUS: Work in Progress - Parkdale HC001 Capacity Assessment and Flow Monitoring, Hamilton CSO Reporting, Lawfield and Berrisville Neighbourhood, Development of SCADA Queries for W/WW Flow and Demand Reporting. NEXT STEPS: Completion Q4 2017.	STATUS: Work in Progress - Parkdale HC001 Capacity Assessment and Flow Monitoring, 2015 Hamilton CSO Reporting, Lawfield and Berrisville Neighbourhood, Development of SCADA Queries for W/WW Flow and Demand Reporting. NEXT STEPS: Completion Q4 2017.
2015	5161555264	City-Wide Wastewater MP	550,000	-	-	550,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.
2015	5161555640	Non-Trunk Flow Monitoring	440,000	84,313	36,810	318,877	27.5%	Udo Ehrenberg	STATUS: Work in Progress - 5 sanitary sewer flow monitoring Sites in Binbrook. NEXT STEPS: Centennial Trunk Flow Monitoring Q1 2017.	STATUS: Work in Progress - East of Red Hill Valley Detailed Model Refinement, 5 monitoring Sites in Binbrook. NEXT STEPS: Future Flow Monitoring related to Flooding, Growth, System Performance Evaluation Needs will be undertaken in 2016/2017.
2015	5161555955	Inflow & Infiltration	474,000	103,661	87,637	282,702	40.4%	Udo Ehrenberg	STATUS: Work in Progress - Flow Monitoring, Analysis, Assessment and Reporting of West 18th Street Sanitary Catchment, Binbrook, Riverdale East Flooding. NEXT STEPS: Program Development / PIC (3P - Protective Plumbing Program) Q4 2017.	STATUS: Work in Progress - Flow Monitoring, Analysis, Assessment and Reporting of West 18th Street Sanitary Catchment, Binbrook, Riverdale East Flooding. NEXT STEPS: Program Development / PIC (Protective Plumbing Program) Q4 2017.
2015	5161557545	Wastewater Computer Model	550,000	35,616	-	514,384	6.5%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval.	NEXT STEPS: Detailed Storm Sewer Hydraulic Model Calibration / Validation related to growth will be undertaken in 2016 & 2017.
2015	5161562543	CSO Characterization Program	280,000	177,243	16,655	86,102	69.2%	Udo Ehrenberg	STATUS: Work Completed. NEXT STEPS: Account to be closed once final invoices are paid and outstanding purchase orders have been closed.	STATUS: Work in Progress - CSO characterization Program. NEXT STEPS: Completion Q4 2016.
2015	5161567564	HC005 - Schedule C EA	330,000	7,601	172,530	149,869	54.6%	Udo Ehrenberg	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q1 2018. Detailed Design to follow.	STATUS: Work in Progress - Emergency Overflow Schedule C Municipal Class EA. NEXT STEPS: EA Completion Q1 2018. Detailed Design to follow.
2016	5161655010	Wastewater Systems Planning	300,000	-	77,660	222,340	25.9%	Udo Ehrenberg	STATUS: Work in Progress - Odour Study of Old Dundas Rd SPS (HC005) and Scope Confirmation of First Street SPS (DC014). NEXT STEPS: Hamilton CSO Reporting Q4 2016.	STATUS: Work in Progress - Odour Study HC005. NEXT STEPS:
2016	5161655350	Riverdale Flood Relief EA	220,000	-	-	220,000	0.0%	Udo Ehrenberg	STATUS: Work in Progress - Remedial Measures Conceptual Design. Flow Monitoring has been completed and Model calibration underway. NEXT STEPS: Design to follow Q4 2017.	STATUS: Work in Progress - Remedial Measures Conceptual Design & Flow Monitoring. NEXT STEPS: Design to follow Q3 2017.

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			a	b	c	d	e			
2016	5161655351	Lawfield & Berrisfield Area	75,000	5,627	-	69,373	7.5%	Udo Ehrenberg	STATUS: Work Completed - Smoke Testing and Manhole Inspection. NEXT STEPS: Conceptual Design - Lawfield & Berrisfield Neighbourhood I/I Reduction Q4 2016.	STATUS: Work Completed - Smoke Testing and Manhole Inspection. NEXT STEPS: Conceptual Design Q1 2017.
2016	5161661434	Upsize Wilson Street Forcemain	50,000	3,751	-	46,249	7.5%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval.	STATUS: Refining Project Charter for Senior Management Approval.
2016	5161667421	New Haulage Receiving Station	1,140,000	-	-	1,140,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: EA and Conceptual Design Q1 2017.	STATUS: Refining Project Charter for Senior Management Approval.
2016	5161695747	Battlefield Trunk Sewer WW-33	1,650,000	123,789	-	1,526,211	7.5%	Udo Ehrenberg	n/a	n/a
2016	5161696452	AEGD - Dickenson Rd FM & Sewer	2,750,000	206,315	-	2,543,685	7.5%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: Conceptual Design Support Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: Conceptual Design Support Q3 2016.
Sub-Total Infrastructure Planning & Systems Design -			16,124,000	3,997,697	3,324,133	8,802,170	45.4%			

Storm water - Rates

2010	5181055060	Greenhill Storm Drainage - EA	120,000	96,141	15,777	8,082	93.3%	Udo Ehrenberg	STATUS: Work in Progress - Greenhill Avenue Storm Drainage EA. Ongoing Operational Support - Assessment of Battlefield Creek Hydrology and Hydraulics at Centennial Pkwy and CPR Culvert Crossings. NEXT STEPS: Completion Q4 2016.	STATUS: Work in Progress - Greenhill Avenue Storm Drainage EA. Ongoing Operational Support - Assessment of Battlefield Creek Hydrology and Hydraulics at Centennial Pkwy and CPR Culvert Crossings. NEXT STEPS: Completion Q4 2016.
2010	5181055075	Watershed Coord & Stewardship	830,000	669,491	153,963	6,546	99.2%	Udo Ehrenberg	STATUS: Work in Progress - Lower Spencer Creek Subwatershed Study, Future Hamilton Climate Change Pilot Study. NEXT STEPS: Completion Q3 2017.	STATUS: Work in Progress - Lower Spencer Creek Subwatershed Study, Monitoring Technician with HCA, Future Hamilton Climate Change Pilot Study. NEXT STEPS: Completion Q3 2017.
2011	5181155101	Stoney&Battlefield Crk Control	540,000	361,785	12,391	165,824	69.3%	Udo Ehrenberg	STATUS: Work in Progress - Stoney Creek and Battlefield Creek Flood & Erosion Control Class Environmental Assessment. NEXT STEPS: EA Completion Q4 2016.	STATUS: Work in Progress - Stoney Creek and Battlefield Creek Flood & Erosion Control Class Environmental Assessment. NEXT STEPS: EA Completion Q4 2016.
2012	5181255247	Implement SERG ICP Recommend	224,000	79,742	7,119	137,139	38.8%	Udo Ehrenberg	STATUS: Work in Progress - Development of City-Wide Flood related Communication Framework. NEXT STEPS: Citywide Climate Change Adaptation Framework Q2 2017.	STATUS: Work in Progress - Development of City-Wide Flood related Communication Framework. NEXT STEPS: Citywide Climate Change Adaptation Framework Q4 2016.

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2012	5181260214	Parkside and Kipling Flood	1,330,000	269,294	21,208	1,039,498	21.8%	Udo Ehrenberg	STATUS: Work in Progress - Modeling and Flood Protection (Churchill Park Neighbourhood area). Analysis of Low Impact Development Solution Complete. NEXT STEPS: Modeling and Flood Protection Work Completion Q2 2017. Detailed Design to follow.	STATUS: Work in Progress - Modeling and Flood Protection (Churchill Park Neighbourhood area). Analysis of Low Impact Development Solution Complete. NEXT STEPS: Modeling and Flood Protection Work Completion Q2 2017. Detailed Design to follow.
2012	5181260216	Golf Course SWMP Rosedale	2,570,000	321,899	147,498	2,100,603	18.3%	Udo Ehrenberg	STATUS: Work in Progress - Enhanced Functional Design and Topographic Survey. Detailed design of the diversion channel, berm and outlet. NEXT STEPS: Completion of Enhanced Functional Design Q2 2017.	STATUS: Feasibility Study Complete. Work in Progress - Enhanced Functional Design and Topographic Survey. NEXT STEPS: Completion of Enhanced Functional Design Q2 2017. Detailed Design to follow.
2013	5181355347	SERG - Wtrcourse Erosion Study	840,000	91,648	-	748,352	10.9%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: Revisiting of identified areas/sites of concern (erosion sites) from initial Stream Restoration Study Q3 2017.	NEXT STEPS: Revisiting of identified areas/sites of concern (erosion sites) from initial Stream Restoration Study Q3 2017.
2013	5181355350	SERG Studies & Assessments	740,000	125,319	41,490	573,191	22.5%	Udo Ehrenberg	STATUS: Work in Progress - Flood Study and Conceptual Design for Winona Areas, Design of Low Impact Development Bumpout (Bay and Simcoe). Operational Support - Lower East End Drainage Study Analysis & Priority Solutions. NEXT STEPS: Completion by Q4 2017.	STATUS: Work in Progress - Flood Study and Conceptual Design for Winona Areas, Intensity Duration Frequency Analysis. Ongoing Operational Support - Lower East End Drainage Study Analysis & Priority Solutions. NEXT STEPS: Completion by Q4 2017.
2014	5181455420	SERG - Flooding & Drainage MP	645,000	-	453,434	191,566	70.3%	Udo Ehrenberg	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2017.	STATUS: Work in Progress - Flooding and Drainage Master Plan. NEXT STEP: Completion Q4 2017.
2014	5181455421	SERG - Stormwater Sys Planning	390,000	196,920	63,228	129,852	66.7%	Udo Ehrenberg	STATUS: Assessment of Development Intensification in Rural Ancaster, Greenhill Ave Area / Hwy 20 Culverts Storm Drainage EA. NEXT STEPS: Conceptual Design - Storm Sewer Improvements at Highway 8 (Bullock's Corners) Q2 2017.	STATUS: Assessment of Development Intensification in Rural Ancaster, Greenhill Ave Area / Hwy 20 Culverts Storm Drainage EA. NEXT STEPS: Completion by Q2 2017.
2015	5181555421	SERG Stormwater Sys Planning	280,000	68,973	31,390	179,637	35.8%	Udo Ehrenberg	STATUS: Work in Progress - Wilson Street Drainage Study & Conceptual Design. NEXT STEPS: Analysis & Conceptual Design - Hempstead Dr and Carpenter Union Area Q3 2017, Drainage Review - Trinity Church Road Q3 2017.	STATUS: Work in Progress - Wilson Street Drainage Study & Conceptual Design. NEXT STEPS: Analysis & Conceptual Design - Hempstead Dr and Carpenter Union Area Q3 2017, Drainage Review - Trinity Church Road Q3 2017.
2015	5181555422	GRIDS II - Stormwater MP	550,000	-	-	550,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.

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2015	5181562590	SWMP Retrofits	220,000	-	-	220,000	0.0%	Udo Ehrenberg	STATUS: Stormwater Management Pond Retrofits (Ponds # 67, 9, 54, 52, 35, 14) should align with Pond Maintenance Schedule from Operations.	STATUS: Refining Project Charter for Senior Management Approval.
2016	5181655075	SERG - Watershed Proj Coord	500,000	-	-	500,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval.	STATUS: Refining Project Charter for Senior Management Approval.
2016	5181655420	Wilson St Stormwater Drainage	240,000	18,006	-	221,994	7.5%	Udo Ehrenberg	STATUS: Work in Progress - Analysis & Conceptual Design. NEXT STEPS: Detailed Design.	NEXT STEPS: Detailed Design.
2016	5181655421	SERG Stormwater System Planning	280,000	-	-	280,000	0.0%	Udo Ehrenberg	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: Analysis & Conceptual Design - Rymal Road stormwater drainage and area Q4 2016.	STATUS: Refining Project Charter for Senior Management Approval.
Sub-Total Infrastructure Planning & Systems Design -			10,299,000	2,299,218	947,498	7,052,284	31.5%			
TOTAL INFRASTRUCTURE PLANNING & SYSTEMS			33,583,000	6,663,094	4,512,630	22,407,276	33.3%			

SUSTAINABLE INITIATIVES SECTION**Water - Rates**

2005	5140566508	Lynden Water Supply – Land&EA	1,790,000	1,606,610	84,292	99,098	94.5%	Bert Posedowski	STATUS: Final Well has been flow tested with positive quality and quantity results. Hydrogeology report and PIC complete. NEXT STEPS: Council Report and completion of EA Q1 2017.	STATUS: Final Well has been flow tested with positive quality and quantity results. Division is looking at other options at providing water to the community. Class EA ongoing. NEXT STEPS: Completion of EA Q1 2017.
2011	5141167150	Greenville New Well – EA	720,000	411,296	105,724	202,980	71.8%	Bert Posedowski	STATUS: Council approved Greenville Subwatershed Study Report. Field testing has confirmed sufficient quantity and quality from single well. Pumping Test and Hydro geologic investigation underway. NEXT STEPS: Schedule C EA requirements Q1 2017.	STATUS: Council approved Greenville Subwatershed Study Report. 45 day Public Consultation complete by August 15. Field testing has confirmed sufficient quantity and quality from single well. NEXT STEPS: Schedule C EA requirements to follow.
2013	5141367752	WW Outstation Inspection - AM	1,065,000	1,032,199	187,322	(154,521)	114.5%	Bert Posedowski	STATUS: Design for Facility Asset Management Program. NEXT STEPS: Completion Q3 2019.	STATUS: Design for Facility Asset Management Program. NEXT STEPS: Completion Q1 2017.
2014	5141467752	WW Outstation Inspection - AM	550,000	264,104	225,916	59,980	89.1%	Bert Posedowski	STATUS: Conceptual Design and Implementation Study - York and Valley Roads PS (HD016). Condition Assessments - Lynden PS HD05B, HD002STK St Joseph Tank. Peer Review - W/W Facility Asset Management Program Phase 1. NEXT STEPS: Completion Q1 2017.	STATUS: York and Valley Roads Water PC (HD016) Conceptual design and implementation study, Lynden PS HD05B Condition Assessment, Peer review of WWFAMP Phase 1. NEXT STEPS: Condition Assessment - HD002STK St Joseph Tank Q4 2016.

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2015	5141555555	City Wide Groundwater Model	630,000	21,500	28,000	580,500	7.9%	Bert Posedowski	STATUS: Work in Progress - Greenville Wellhead Protection Area Delineation. NEXT STEPS: City Wide Groundwater Model - Lynden Wellhead Protection Area Delineation Q4 2016.	NEXT STEPS: City Wide Groundwater Model - Database and Stratigraphic Model Update (Lynden and Greenville) Q3 2016.
2015	5141567752	Water Outstation Inspections	440,000	180,202	172,702	87,096	80.2%	Bert Posedowski	STATUS: HD04B/5A Greenhill PS Condition Assessment, Energy Audit (Phase II), HDR00 Lee Smith Water Reservoir, Access Options for HDR2A Water Reservoir. NEXT STEPS: Completion Q3 2017.	STATUS: HD04B/5A Greenhill PS Condition Assessment, Energy Audit (Phase II), HDR00 Lee Smith Water Reservoir. NEXT STEPS: Access Option Costing - HDR2A Water Reservoir Q4 2016.
2016	5141655420	Freelton Water Meter Accuracy	110,000	26,078	67,191	16,731	84.8%	Bert Posedowski	STATUS: Field work complete, communication to residents concerning home meter replacement Q4 2016. Next STEPS: Completion Q1 2017.	STATUS: Consultant retained, field work will begin in Q3 2016. Next STEPS: Completion Q1 2017.
2016	5141667423	Freelton Well FDF01 Capacity	110,000	-	-	110,000	0.0%	Bert Posedowski	STATUS: Refining Project Charter for Senior Management Approval. NEXT STEPS: Hydrogeological study Q1 2017.	NEXT STEPS: Retain Consultant for Assessment Study Q4 2016.
<u>Sub-Total Sustainable Initiatives - Water</u>			5,415,000	3,541,989	871,147	1,001,864	81.5%			
<u>Wastewater - Rates</u>										
2013	5161367752	WW Outstation Inspection - AM	645,000	56,852	494,829	93,319	85.5%	Bert Posedowski	STATUS: Design for Facility Asset Management Program. NEXT STEPS: Completion Q3 2019.	STATUS: Design for Facility Asset Management Program. NEXT STEPS: Completion Q1 2017.
2014	5161467756	Greenhill & Cochrane HCS01	1,060,000	92,935	29,289	937,776	11.5%	Bert Posedowski	STATUS: Draft Life Cycle Analysis Report received. NEXT STEPS: Life Cycle Analysis to be completed by Q4 2016. Conceptual Design to follow Q1 2017.	STATUS: Draft Life Cycle Analysis Report received. NEXT STEPS: Life Cycle Analysis to be completed by Q3 2016. Conceptual Design to follow Q1 2017.
2015	5161567752	Outstation Inspections	220,000	147,058	67,171	5,771	97.4%	Bert Posedowski	STATUS: Work in Progress - Condition Assessment (HC001 Parkdale), Energy Audit (Phase II). NEXT STEPS: Completion Q3 2017.	STATUS: Work in Progress - Condition Assessment (HC001 Parkdale), Energy Audit (Phase II). NEXT STEPS: Completion Q4 2016.
2016	5161667752	WW Outstation Inspections - AM	220,000	-	78,200	141,800	35.5%	Bert Posedowski	STATUS: Work in Progress - Condition Assessment (Methane Sphere - Woodward WWTP). NEXT STEPS: Condition Assessment (HC017 Eastport SPS) Q1 2017.	STATUS: Work in Progress - Condition Assessment (Methane Sphere - Woodward WWTP). NEXT STEPS: Condition Assessment (HC017 Eastport SPS) Q3 2016.
<u>Sub-Total Sustainable Initiatives - Wastewater</u>			2,145,000	296,845	669,489	1,178,666	45.1%			
<u>TOTAL SUSTAINABLE INITIATIVES SECTION</u>			7,560,000	3,838,834	1,540,636	2,180,530	71.2%			

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<u>WOODWARD UPGRADES SECTION</u>										
Wastewater - Rates										
2003	5160366302	Primary Treatment Capacity Exp	73,919,960	73,924,855	-	(4,895)	100.0%	Dan Chauvin	STATUS: Work Completed. NEXT STEPS: Close Account.	STATUS: Work Completed. NEXT STEPS: Account to be closed once Actual Revenues have been reviewed and corrected.
2007	5160766711	Canadian Infra Renewal	38,693,410	38,693,532	-	(122)	100.0%	Dan Chauvin	STATUS: Work Completed (RTC Phase 1, Windermere Basin Enhancements, Dundas WWTP Disinfection Upgrades). NEXT STEPS: Close Account.	STATUS: Work Completed (RTC Phase 1, Windermere Basin Enhancements, Dundas WWTP Disinfection Upgrades). NEXT STEPS: Account to be closed once outstanding purchase orders have been closed & when Actual Revenues have been reviewed and corrected..
2008	5160866801	Woodward WWTP - Clean Harbour	73,263,000	25,860,232	37,879,045	9,523,723	87.0%	Dan Chauvin	STATUS: Budget approved on a cash flowed basis by Finance. Work in Progress - Pre-Purchased Equipment (Tertiary). NEXT STEPS: Construction (Main Raw Wastewater Pumping Station Q4 2016, Electrical Q1 2017, Tertiary Q2 2018).	STATUS: Budget approved on a cash flowed basis by Finance. Work in Progress - Pre-Purchased Equipment (Tertiary). NEXT STEPS: Construction (Pumping Station Q3 2016, Electrical Q1 2017, Tertiary Q2 2018).
2008	5160866810	New Maintenance Building	701,000	701,178	-	(178)	100.0%	Dan Chauvin	STATUS: Conceptual Design of New Maintenance Building & Consolidated Works Yard delayed until after Clean Harbour Project. NEXT STEPS: Close Account.	STATUS: On Hold - Conceptual Design of New Maintenance Building & Consolidated Works Yard. NEXT STEPS: Assignment will resume after completion of the Clean Harbour Program (2021).
2009	5160966910	WWTP - Biosolids MP Implement	6,262,000	1,901,097	1,220,036	3,140,867	49.8%	Dan Chauvin	STATUS: Work in Progress - PPP Canada Biosolids Management Project Open for Bids (3 Pre-Qualified Vendors) as a Design-Bid-Finance-Operate-Maintain Contract. NEXT STEPS: Award Q1 2017.	STATUS: Work in Progress - PPP Canada Biosolids Management Project Open for Bids (3 Pre-Qualified Vendors). Design-Bid-Finance-Operate-Maintain Contract Closes Q1 2017.
2009	5160966911	ISF-660-Biogas Digester	45,000,000	44,884,204	119,477	(3,681)	100.0%	Dan Chauvin	STATUS: Work Completed (ISF Biogas). Substantially Performed (Biogas Waste Flares). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2017.	STATUS: Work Completed (ISF Biogas). Substantially Performed (Biogas Waste Flares). NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2017.
2013	5161366360	Flares at Biogas Facility	3,280,000	2,739,682	324,316	216,002	93.4%	Dan Chauvin	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2017.	STATUS: Substantially Performed. NEXT STEPS: Account to be closed once maintenance and warranty period expires Q2 2017.
2015	5161555545	Capital Works Information Mgmt	280,000	-	-	280,000	0.0%	Dan Chauvin	STATUS: Work Completed - PMO Optimization Study. NEXT STEPS: Implementation of Recommendations Q1 2017.	STATUS: Work Completed - PMO Optimization Study. NEXT STEPS: Implementation of Recommendations Q1 2017.

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2016	5161668851	Pier 25 Dredging Windermere	8,908,000	4,824,948	3,665,343	417,709	95.3%	Dan Chauvin	STATUS: Work in Progress (Construction). NEXT STEPS: Substantial Performance Q1 2017.	n/a
<u>Sub-Total Woodward Upgrades - Wastewater</u>			250,307,370	193,529,728	43,208,217	13,569,425	94.6%			
<u>TOTAL WOODWARD UPGRADES SECTION</u>			250,307,370	193,529,728	43,208,217	13,569,425	94.6%			

WATER & WASTEWATER PLANNING AND CAPITAL SECTION**Corporate Project Program - Tax**

2009	2110953900	Randle Reef Rehab Project	6,200,000	2,222,735	5,900,000	(1,922,735)	131.0%	Bert Posedowski	STATUS: Budget cash flowed based on construction cost estimates. PO awarded to Environment Canada for maximum contribution amount (\$14M) as per legal agreement. Work in Progress - Stage 1 Construction award. NEXT STEPS: Stage 2 & 3 Construction Q1 2017.	STATUS: Budget cash flowed based on construction cost estimates. PO awarded to Environment Canada for maximum contribution amount (\$14M) as per legal agreement. Work in Progress - Stage 1 Construction award. NEXT STEPS: Stage 2 & 3 Construction Q1 2017.
<u>Sub-Total Water & Wastewater Planning and Capital -</u>			6,200,000	2,222,735	5,900,000	(1,922,735)	131.0%			

Wastewater - Rates

2014	5161468422	Randle Reef Sediment Remediate	3,000,000	-	6,000,000	(3,000,000)	200.0%	Bert Posedowski	STATUS: Budget cash flowed based on construction cost estimates. PO awarded to Environment Canada for maximum contribution amount (\$14M) as per legal agreement. Work in Progress - Stage 1 Construction award. NEXT STEPS: Stage 2 & 3 Construction Q1 2017.	STATUS: Budget cash flowed based on construction cost estimates. PO awarded to Environment Canada for maximum contribution amount (\$14M) as per legal agreement. Work in Progress - Stage 1 Construction award. NEXT STEPS: Stage 2 & 3 Construction Q1 2017.
<u>Sub-Total Water & Wastewater Planning and Capital -</u>			3,000,000	0	6,000,000	(3,000,000)	200.0%			
<u>TOTAL WATER & WASTEWATER PLANNING AND</u>			9,200,000	2,222,735	11,900,000	(4,922,735)	153.5%			

Roads - Rates**ROADS - WATER RATES**

2011	5141166151	SCADA Master Plan Implement	15,580,000	11,022,878	2,068,338	2,488,783	84.0%	Anne McArthur	SCADA Master Plan implementation and construction will continue until Q4 2016	SCADA Master Plan implementation and construction will continue until Q4 2016
2013	5141360344	Burlington Trunk Inspection	580,000	428,613	149,675	1,712	99.7%	Erika Waite	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2013	5141396351	Garner Watermain Trunk W09	530,000	171,795	-	358,205	32.4%	Erika Waite	Construction delayed and phased in coordination with Development needs 2018-2020	Construction delayed/moved to 2020 - not yet needed as per Development recommendations.
2013	5141366711	Water Treatment Studies - 2013	250,000	40,342	-	209,658	16.1%	Anne McArthur	\$209k being used to wip fund 2017 program and then this project can be closed.	n/a

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2013	5141371301	WM Replace Program - Coordinated with Roads - 2013	11,370,000	10,422,705	808,302	138,993	98.8%	Marco Oddi/Pat McNab	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .
2013	5141361300	WM Replacement Program - 2013	1,480,000	965,737	-	514,263	65.3%	Marco Oddi/Pat McNab	\$500k being used to wip fund 2017 program and then this project can be closed.	Multi-year project. 2 of 3 projects tendered. Scenic Drive: 1009 to 1097 still to be awarded. Minimum \$480k earmarked for this award. Delays due to easement on private land.
2014	5141457850	Automated Meter Reading - 2014	150,000	-	-	150,000	0.0%	Shane McCauley	\$150k being used to wip fund 2017 program and then this project can be closed.	Project can be closed. However \$150,000 is being used to fund a portion a new 2017 capital project for an Automated Meter Infrastructure Pilot Project in Carlisle. These funds (150K) will be part of a total project cost of 250K
2014	5141455425	Concrete Pipe Condition Assessment	1,410,000	875,157	412,890	121,952	91.4%	Erika Waite	\$120k surplus being used to wip fund 2017 program.	Close once commitments are paid/cleared/moved
2014	5141470000	Coordinated Road and Subsurface Works - 2014	10,100,000	9,610,464	489,687	(151)	100.0%	Marco Oddi/Pat McNab	Multi-year project. 14 of 14 projects awarded. Surplus unknown until completion of all projects.	Multi-year project. 14 of 14 projects awarded. Surplus unknown until completion of all project reviews.
2014	5141461502	New & Replacement Water Meters - 2014	3,540,000	2,792,046	389,824	358,130	89.9%	Robert Di Giovanni	Project nearing completion. P.O. to be closed in November. \$360k being used to wip fund 2017 program. This project can be closed once P.O. has been paid/cleared.	Project nearing completion. P.O. to be closed in November and then project can be closed. \$360k surplus being used to WIP fund the 2017 program
2014	5141460080	Valve Replacement - 2014	1,505,000	801,500	686,592	16,908	98.9%	Erika Waite	Ongoing - work in progress. To be complete by end 2016. \$15k being used to wip fund 2017 program.	Ongoing - work in progress. To be complete by end 2016
2014	5141455922	Water Loss Audit - 2014	400,000	16,211	-	383,789	4.1%	Nick Winters	Project will be fully spent by December 31, 2017. Water meter installs throughout the distribution system will be completed using these funds in 2017.	Project will be fully spent by December 31, 2017.
2014	5141466713	Water Maintenance - 2014	1,700,000	639,440	422,527	638,033	62.5%	Anne McArthur	Complete - Close once commitments are paid/cleared. \$395k being used to wip fund 2017 program and then this project can be closed.	\$300k surplus being used to WIP fund the 2017 program
2014	5141466711	Water Treatment Studies - 2014	400,000	15,214	-	384,786	3.8%	Anne McArthur	\$384k being used to wip fund 2017 program and then this project can be closed.	n/a
2014	5141471301	WM Replace Program - Coordinated with Roads - 2014	13,300,000	12,296,127	895,263	108,610	99.2%	Marco Oddi/Pat McNab	18 of 20 projects awarded. One project cancelled and one rebudgeted in future years. Mountain Ave - Jones to Lake Ave & Gemma construction ongoing. Surplus unknown until completion of all projects.	Multi-year project. Mountain Ave - Jones to Lake Ave & Gemma to be awarded/constructed 2016.

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2014	5141461300	Wm Replacement Program - 2014	1,450,000	379,217	82,153	988,629	31.8%	Marco Oddi/Pat McNab	Multi-year project. 3 of 5 projects awarded. Several multi-year projects with construction in 2016/17. Minimum \$950k earmarked for these projects.	Multi-year project. 3 of 5 projects awarded. Several multi-year projects with construction in 2016/17. Minimum \$950k earmarked for these projects.
2015	5141560523	Air Valve Management	200,000	12,915	-	187,085	6.5%	Nick Winters	\$185k being used to wip fund 2017 program and then this project can be closed.	Funds are no longer required because this work has become an operating expense. Project will be closed September 30, 2016 pending a final review/audit/payment.
2015	5141570000	Coordinated Road and Subsurface Works - 2015	9,405,000	8,188,820	1,145,140	71,040	99.2%	Marco Oddi/Pat McNab	Multi-year project. 12 of 12 projects awarded to date. Parkdale - Barton to Burlington construction ongoing. Surplus unknown until completion of all projects.	Multi-year project. 11 of 12 projects awarded to date. Parkdale - Barton to Burlington construction 2016 and Stone Church - Pritchard to Upper Red Hill Valley Pkwy design only, construction 2017. Surplus unknown until completion of all projects.
2015	5141557626	Critical WM Inspection Program - 2015	600,000	373,591	170,301	56,108	90.6%	Erika Waite	Ongoing - work in progress.	Ongoing - work in progress.
2015	5141569075	Environmental Lab Improvements - 2015	70,000	-	-	70,000	0.0%	Rosa Gonzalez/Pam Thomas	Anticipate 100% spent/committed by year end 2017.	Anticipate 100% spent/committed by year end 2017.
2015	5141555501	Ferguson Pump station to Scenic Reservoir Trunk Main Inspection	1,150,000	541,535	569,284	39,181	96.6%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress
2015	5141596558	Greenhill Feedermain - King to Greenhill Tank	5,700,000	4,882,693	830,553	(13,246)	100.2%	Marco Oddi	Construction ongoing	Construction ongoing
2015	5141560577	Metallic Watermain Condition Assessment Program - 2015	700,000	652,340	47,660	-	100.0%	Erika Waite	100% committed - close once P.O.'s are paid/cleared	Close once commitments are paid/cleared/moved
2015	5141549555	QA-QC Service Contract - 2015	197,000	94,894	41,182	60,923	69.1%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	Project to be closed at year end 2016
2015	5141541510	Storage Facility Request	370,000	200,750	19,655	149,595	59.6%	Nick Winters	This project has encountered a minor setback, but should be fully spent by February 28, 2017.	This project is on-track and should be fully spent by December 31, 2016.
2015	5141560750	Unscheduled Valve, Hydrant etc - 2015	7,350,000	6,287,336	224,426	838,238	88.6%	Nick Winters	Project will be fully spent by July 2017.	Project will be fully spent by July 2017.
2015	5141560080	Valve Replacement - 2015	293,000	111,957	170,396	10,648	96.4%	Erika Waite	Complete - Close once commitments are paid/cleared	Beach w/o Burlington (CPMS # 10664) - Complete FENNELL AVE E @ 1.5 E/EAST 17TH ST, HOWE AT EAST 13TH, HOWE AT 5.3m W/O EAST 15TH, and EAST 17TH S/O HOWE (CPMS # 10748) - Moved to 2018 Construction
2015	5141555851	Water Efficiency Plan - 2015	100,000	53,771	23,613	22,617	77.4%	Julia Wagner	\$22k being used to wip fund 2017 program. This project can be closed once P.O. has been paid/cleared.	Project can be closed. Recommend using to WIP fund the 2017 Water Efficiency Plan/Program.

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2015	5141566713	Water Maintenance - 2015	600,000	168,318	217,510	214,171	64.3%	Anne McArthur	Ongoing - work in progress. \$212k being used to WIP fund the 2017 program.	Approximately \$350k in POs have been issued recently with \$160k in POs awaiting approval which will result in additional tenders being issued in 2016
2015	5141566711	Water Treatment Studies - 2015	250,000	16,144	13,348	220,508	11.8%	Anne McArthur	Plant Operations to undertake studies related to: Chlorine to Ammonia ratio and Chlorine residual on valve gasket seals.	Plant Operations to undertake studies related to; Chlorine to Ammonia ratio Chlorine residual on valve gasket seals
2015	5141571301	WM Replace Program - Coordinated with Roads - 2015	12,717,000	11,538,725	851,683	326,591	97.4%	Marco Oddi/Pat McNab	Multi-year project. 11 of 12 projects have been awarded, Parkdale - Barton to Burlington construction ongoing. Rymal W - Garth to West 5th construction 2017.	Multi-year project. 11 of 12 projects have been awarded, Parkdale - Barton to Burlington & West 35th - Scenic to end construction 2016. Rymal W - Garth to West 5th construction 2017.
2015	5141561300	WM Replacement Program - 2015	441,000	411,195	6,145	23,660	94.6%	Marco Oddi/Pat McNab	Complete - pending final review/audit/payment. Surplus at this time is approximately \$23k.	Multi-year project. Eleanor - Stone Church to Dulgaren - ongoing. Edwina & Berko moved to 2021. Estimated surplus is \$100k. Close once Eleanor construction complete.
2015	5141557543	Workforce & Time Management Solution (Kronos) - Single Source	430,000	198,192	151,911	79,896	81.4%	Andrea Bazzard	Project currently underway. To be completed by Q1 2017.	Project currently underway. To be completed by Q4 2016.
2016	5141641226	Centralized Water and Wastewater Operations Centre	250,000	-	-	250,000	0.0%	Anne McArthur	Continuing to work with City-wide Portfolio Review of Yard Facilities and Properties.	Continuing to work with City-wide Portfolio Review of Yards Facilities and Properties.
2016	5141660999	Closed Projects - Water	120,000	-	-	120,000	0.0%	Erika Waite/Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.	n/a
2016	5141670000	Coordinated Road and Subsurface Works - 2016	3,900,000	1,089,631	2,276,343	534,026	86.3%	Marco Oddi/Pat McNab	6 of 6 project awarded. Anticipate a surplus but unknown at this time while construction is ongoing.	2016 Program underway. 5 of 6 project awarded. Britannia / Oriole / Adair / Glassco still to be awarded. Surplus unknown until completion of all projects.
2016	5141657626	Critical WM Inspection Program - 2016	299,000	47,437	181,508	70,056	76.6%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress
2016	5141669075	Environmental Lab Improvements - 2016	150,000	-	-	150,000	0.0%	Rosa Gonzalez/Pam Thomas	Anticipate 100% spent/committed by year end 2017.	Anticipate 100% spent/committed by year end 2017.
2016	5141662073	Field Data Systems Program - 2016	169,380	20,341	41,550	107,488	36.5%	Irena Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2017.	Ongoing - work in progress. Not an annual project. No funds requested for 2017.
2016	5141651610	Fleet Additions - Hamilton Water	400,000	193,716	5,899	200,385	49.9%	Nick Winters	This project will be fully committed by June 2017. The bulk of the funds are for installation of AVL modems in Hamilton Water vehicles.	This project will be fully committed by June 2017. The bulk of the \$\$ is for installation of AVL modems in Hamilton Water vehicles.
2016	5141655556	Mapping Update - 2016	70,000	5,252	5,000	59,748	14.6%	Gord McGuire	Mapping / GIS projects being commenced in Q3 and Q4 of 2016	Mapping / GIS projects being commenced in Q3 and Q4 of 2016
2016	5141660577	Metallic Watermain Condition Assessment Program - 2016	700,000	70,212	63,076	566,712	19.0%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress

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2016	5141661502	New & Replacement Water Meters - 2016	2,000,000	1,006,080	211,323	782,597	60.9%	Robert Di Giovanni	This Project will continue until Feb 1, 2017. Once the PO drawn from this Proj ID can be closed, we can close out the Project ID.	Project is ongoing. Current P.O. closes in Jan 2017. WIP funds currently in the account will be used to fund a new Operations and Maintenance PO beginning in November 2016. This is because we have 2 contracts related to water meters which begin and end in alternating years.
2016	5141660711	PW Capital Water Consumption Program - 2016	280,000	245,969	-	34,031	87.8%	Erika Waite	Anticipate 100% spent by year end 2016	Anticipate 100% spent by year end 2016
2016	5141649555	QA-QC Service Contract - 2016	110,000	79,544	-	30,456	72.3%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% spent at year end 2016.
2016	5141611101	Road Restoration Program - 2016	3,500,000	1,683,015	-	1,816,985	48.1%	Marco Oddi	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% completion by year end 2016.
2016	5141660072	Structural WM Lining Program - 2016	5,900,000	5,711,300	10,336	178,364	97.0%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% completion by year end 2016.
2016	5141662078	Substandard Water Service Replacement Program - 2016	3,000,000	1,383,014	1,582,031	34,955	98.8%	Nick Winters	This project is on-track and should be fully spent by July 2017.	This project is on-track and should be fully spent by July 2017.
2016	5141660750	Unscheduled Valve, Hydrant etc - 2016	2,500,000	-	1,737,693	762,307	69.5%	Nick Winters	Project will be fully spent by July, 2018.	Project will be fully spent by December 31, 2017.
2016	5141660080	Valve Replacement - 2016	750,000	192,190	466,297	91,513	87.8%	Erika Waite	Ongoing - work in progress	Beach w/o Burlington (CPMS # 10664) - Complete. FENNELL AVE E @ 1.5 E/EAST 17TH ST, HOWE AT EAST 13TH, HOWE AT 5.3m W/O EAST 15TH, and EAST 17TH S/O HOWE (CPMS # 10748) - Moved to 2018 Construction MOVED INTO 2016: HIGHWAY 8 450m e/o FRUITLAND and BARTON at 835 BARTON (SC02V015 and SC02V025), HIGHLAND RD AT UPPER MOUNT ALBION (SG07V002 and SF07V033), Catharine and Charlton (HA15V031, HA15V030, HA15V028, and HA15V029) required additional funding due to high bids.
2016	5141655851	Water Efficiency Plan - 2016	102,000	35,514	22,400	44,086	56.8%	Julia Wagner	Ongoing - work in progress	Project still in progress.
2016	5141666713	Water Maintenance - 2016	600,000	118,626	95,967	385,406	35.8%	Anne McArthur	Ongoing - work in progress.	2016 program underway
2016	5141671301	WM Replace Program - Coordinated with Roads - 2016	3,200,000	992,399	1,676,175	531,426	83.4%	Marco Oddi/Pat McNab	Multi-year project. 3 of 5 projects have been awarded. Two others are design only 2016/construction 2017. Britannia / Oriole / Adair / Glassco construction ongoing.	Multi-year project. 2 of 5 projects have been awarded. Two others are design only 2016/construction 2017. Britannia / Oriole / Adair / Glassco to be awarded/constructed 2016.

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2016	5141661300	WM Replacement Program - 2016	710,000	63,377	4,000	642,623	9.5%	Marco Oddi/Pat McNab	One project is design only in 2016 and w/m replacement on Mill St - Head St to Bridge 088 will be awarded with bridge rehabilitation in 2017.	One project is design only in 2016 and w/m replacement on Mill St - Head St to Bridge 088 will be awarded with bridge rehabilitation in 2017.
<u>Sub-Total Roads - Water</u>			133,028,380	97,148,239	19,267,659	16,612,483	87.5%			

ROADS - WASTEWATER

1998	5169860825	Western San Intercept Rehab SW	3,155,000	3,097,008	-	57,992	98.2%	Erika Waite	\$50k being used to wip fund 2017 program and then this project can be closed.	Complete - Close once commitments are paid/cleared
2007	5160795757	Centennial Trnk Swr-WW14,WW33	84,200,000	46,673,147	36,451,200	1,075,653	98.7%	Marco Oddi	Ongoing - work in progress	Ongoing - work in progress
2008	5160896855	Royal to Main-King San Upgrade	8,630,000	1,375,579	-	7,254,421	15.9%	Susan Jacob	Land issues not resolved with Sammy Metals. Funding can be reallocated leaving monies for land acquisition alone at this time. MTO do not want to entertain works along 403 corridor. LRT project is pursuing the land for their MSF site. Project can proceed when lands are available.	Land issues not resolved. Funding can be reallocated leaving monies for land acquisition alone at this time. MTO do not want to entertain works along 403 corridor.
2010	5161061015	Burlington/Hillyard Trunk Sewer Manhole	2,160,000	191,100	-	1,968,900	8.8%	Erika Waite	Cancelled due to Wilcox St bridge review. Will be re-budgeted when required. \$1,386k being used to wip fund 2017 program and then this project can be closed. It will be rebudgeted when necessary.	On hold due to Wilcox St bridge review.
2011	5161166151	SCADA Master Plan Implement	15,875,000	12,933,395	844,078	2,097,527	86.8%	Anne McArthur	SCADA Master Plan implementation and construction will continue until Q4 2016	SCADA Master Plan implementation and construction will continue until Q4 2016
2013	5161360307	Charlton and Catharine - Sewer	110,000	12,862	-	97,138	11.7%	Erika Waite	Delayed for coordination with water and surface works 2017	To be tendered Q3 2016
2013	5161395358	Hwy 56 Forcemain&Twinning WW21	27,190,000	4,392,849	12,719,440	10,077,712	62.9%	Marco Oddi	Construction on going. Expected to be complete by end of 2016	Construction on going. Expected to be complete by end of 2016
2014	5161469076	BCOS-Beyond Compliance OP Sys	243,000	86,150	-	156,850	35.5%	Rosa Gonzalez/Susan Girt	This project relates to the BCOS software upgrade and DWQMS maintenance. The monies will be spent by the end of 2017.	This project relates to the BCOS software upgrade and DWQMS maintenance. The monies will be spent by the end of 2017.
2014	5161471441	CP - Alanson/Grant/Ontario/Erie/Blythe/Emerald - s/o Stinson	200,000	97,755	77,293	24,952	87.5%	Marco Oddi	Complete - Close once commitments are paid/cleared. \$20k being used to wip fund 2017 program and then this project can be closed.	Complete - pending final review/audit/payment
2014	5161471445	CP - Don/Dunning/Colmar/Osler & Grant - Osler to Don	400,000	138,904	34,298	226,798	43.3%	Marco Oddi	Complete - Close once commitments are paid/cleared. \$220k being used to wip fund 2017 program and then this project can be closed.	Complete - pending final review/audit/payment

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2014	5161460450	Iona Trunk Sewer Odour Control	650,000	32,288	-	617,712	5.0%	Nick Winters	This account funds a construction project to repair a large sewer in Ward 1. The project has moved more slowly than anticipated and construction will not begin until 2017 at the earliest. These funds will either be fully spent or relinquished in the 2017 calendar year.	This account funds a construction project to repair a large sewer in Ward 1. The project has moved more slowly than anticipated and construction will not begin until 2016 at the earliest. It is unclear whether the funds will be required in 2016 or 2017.
2014	5161472470	James - Barton to Strachan	275,000	186,034	88,728	238	99.9%	Marco Oddi	Close once commitments are paid/cleared/moved. \$285k surplus at this time.	Close once commitments are paid/cleared/moved. \$285k surplus at this time.
2014	5161461422	Patrick - Walnut to west end	330,000	38,503	-	291,497	11.7%	Erika Waite	Construction 2017 - delays due to land acquisition/Legal	Delays due to land acquisition/Legal
2014	5161471015	Sewer Lateral Replacement for Co-ordinated Projects	500,000	319,867	76,094	104,039	79.2%	Marco Oddi	Complete - Close once commitments are paid/cleared. \$100k being used to wip fund 2017 program and then this project can be closed.	Ongoing - work in progress. % spent is dependant upon deficiencies in laterals found during construction. Close once commitments are paid/cleared/moved.
2014	5161466713	Wastewater Maintenance Capital - 2014	2,200,000	750,135	1,210,123	239,742	89.1%	Anne McArthur	Ongoing - work in progress. \$200k surplus being used to WIP fund 2017 program.	\$300k surplus being used to WIP fund the 2017 program
2015	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,060,000	88,964	60,379	910,658	14.1%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress
2015	5161560999	Closed Projects - WasteWater	59,000	-	-	59,000	0.0%	Erika Waite/Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.
2015	5161569075	Environmental Lab Improvements - 2015	70,000	4,428	18,579	46,993	32.9%	Rosa Gonzalez/Pam Thomas	Anticipate 100% spent/committed by year end 2016	Anticipate 100% spent/committed by year end 2016
2015	5161567563	HC005 - Public Properties	1,040,000	65,090	-	974,910	6.3%	Erika Waite	Ongoing - work in progress. To be completed by Q2 2017	Ongoing - work in progress. To be completed by Q2 2017
2015	5161560575	Mainline Sewer Condition Assessment Program - 2015	700,000	481,783	217,478	740	99.9%	Erika Waite	100% committed - close once P.O.'s are paid/cleared	Close once commitments are paid/cleared/moved
2015	5161571445	Mountain Brow - Traffic Circle to Mohawk & Broker - Upper Kenilworth to Mtn Brow	130,000	111,677	15,343	2,980	97.7%	Marco Oddi	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	5161571525	Parkdale - Barton to Burlington	3,551,000	1,200,252	933,045	1,417,703	60.1%	Marco Oddi	Construction on going. Expected to be complete by end of 2016	Construction on going. Expected to be complete by end of 2016
2015	5161560625	Post Zoom Camera Rehab	320,000	70,747	-	249,253	22.1%	Nick Winters	CLOSE - NEXT BER - \$249k surplus	Funds are no longer required because this work has become an operating expense. Project will be closed September 30, 2016 pending a final review/audit/payment.
2015	5161549555	QA-QC Service Contract Program - 2015	110,000	71,017	17,725	21,258	80.7%	Marco Oddi/Pat McNab	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved

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2015	5161560825	Sewer Investigations - Engineering	200,000	149,872	3,044	47,084	76.5%	Erika Waite	Complete - Close once commitments are paid/cleared	Complete - Close once commitments are paid/cleared
2015	5161571015	Sewer Lateral Replacement for Co-ordinated Projects	500,000	49,310	-	450,690	9.9%	Marco Oddi	Ongoing - work in progress. % spent is dependant upon deficiencies in laterals found during construction. \$300k being used to WIP fund 2017 program.	Ongoing - work in progress. % spent is dependant upon deficiencies in laterals found during construction.
2015	5161560533	Trenchless Manhole Rehabilitation - 2015	80,000	15,947	62,082	1,971	97.5%	Erika Waite	Complete - Close once commitments are paid/cleared	Complete - Close once commitments are paid/cleared
2015	5161566713	Wastewater Maintenance Capital - 2015	2,000,000	420,473	188,438	1,391,090	30.4%	Anne McArthur	Digester cleaning tender will be released in Q4 2016 and requires several years funding to cover the anticipated tender cost. \$100k being used to WIP fund 2017 program.	Digester cleaning tender will be released in Q4 2016 and requires several years funding to cover the anticipated tender cost
2015	5161555077	Zoom Camera Inspection - Data Component	760,000	81,733	220,994	457,273	39.8%	Erika Waite	Ongoing - work in progress. Multiyear contract - 2019 anticipated completion	Ongoing - work in progress. Multiyear contract - 2019 anticipated completion
2016	5161660610	Binbrook Manhole & Sewer Rehab	540,000	40,513	500,000	(513)	100.1%	Erika Waite	100% committed - close once P.O.'s are paid/cleared	Ongoing - work in progress
2016	5161641226	Centralized Water and Wastewater Operations Centre	250,000	-	-	250,000	0.0%	Anne McArthur	Continuing to work with City-wide Portfolio Review of Yard Facilities and Properties.	Continuing to work with City-wide Portfolio Review of Yards Facilities and Properties.
2016	5161671074	Contingency for Unscheduled Works Program - 2016	200,000	15,005	-	184,995	7.5%	Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.	% spent dependent on # of unscheduled works. Not an annual project.
2016	5161660302	Emergency Repairs - Cross Connections - 2016	500,000	390,017	58,822	51,161	89.8%	Nick Winters	This project will be fully committed by December 31, 2016.	This project will be fully committed by December 31, 2016.
2016	5161669075	Environmental Lab Improvements - 2016	345,000	11,885	126,714	206,400	40.2%	Rosa Gonzalez/Pam Thomas	Anticipate 100% spent/committed by year end 2017.	Anticipate 100% spent/committed by year end 2017.
2016	5161662073	Field Data Systems Program - 2016	160,110	7,502	76,227	76,380	52.3%	Irena Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2017.	Ongoing - work in progress. Not an annual project. No funds requested for 2017.
2016	5161660575	Mainline Sewer Condition Assessment Program - 2016	600,000	435,862	163,405	733	99.9%	Erika Waite	100% committed - close once P.O.'s are paid/cleared	Ongoing - work in progress
2016	5161655556	Mapping Update - 2016	70,000	5,252	4,000	60,748	13.2%	Gord McGuire	Mapping / GIS projects being commenced in Q3 and Q4 of 2017	Mapping / GIS projects being commenced in Q3 and Q4 of 2017
2016	5161660820	Open Cut Repairs for CIPP Program - 2016	400,000	256,102	143,503	395	99.9%	Erika Waite	100% committed - close once P.O.'s are paid/cleared	Ongoing - work in progress
2016	5161660711	PW Capital Water Consumption Program - 2016	200,000	29,449	-	170,551	14.7%	Erika Waite	Anticipate 100% spent by year end 2016	Anticipate 100% spent by year end 2016
2016	5161649555	QA-QC Service Contract Program - 2016	110,000	8,253	30,000	71,747	34.8%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% spent at year end 2016.
2016	5161611101	Road Restoration Program - 2016	3,850,000	2,232,552	1,136,441	481,007	87.5%	Marco Oddi	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% completion by year end 2016.

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2016	5161660576	Sewer Lateral Condition Assessment Program - 2016	1,600,000	1,016,492	573,363	10,145	99.4%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress
2016	5161660522	Sewer Lateral Management Program (WWC) - 2016	3,500,000	2,232,344	1,220,725	46,932	98.7%	Nick Winters	This project will be fully spent by April 2017.	This project will be fully spent by April 2017.
2016	5161661444	Sewer Lateral Replace/Rehab Program - 2016	4,249,000	3,813,286	251,683	184,032	95.7%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress
2016	5161660533	Trenchless Manhole Rehabilitation - 2016	80,000	68,175	8,902	2,923	96.3%	Erika Waite	Complete - Close once commitments are paid/cleared	Ongoing - work in progress
2016	5161661740	Unscheduled Manhole & Sewermain - 2016	350,000	280,969	63,925	5,106	98.5%	Nick Winters	These funds will be fully committed by July 31, 2017.	These funds will be fully committed by December 31, 2017.
2016	5161666713	Wastewater Maintenance Capital - 2016	2,000,000	81,901	-	1,918,099	4.1%	Anne McArthur	Ongoing - work in progress	2016 program underway
2016	5161660390	Wastewater System Lining Program - 2016	5,000,000	3,268,652	890,863	840,485	83.2%	Marco Oddi	Anticipate 100% spent at year end 2016.	2016 Program underway. No anticipated deficit at time of closing.
Sub-Total Roads - Wastewater			180,702,110	87,331,076	58,486,934	34,884,100	80.7%			

ROADS - STORM

2006	5180660641	Little John & Lynden Outfalls	443,000	301,666	-	141,334	68.1%	Marco Oddi	\$140k being used to wip fund 2017 program & \$17k appropriation adjustment to closed projects and then this project can be closed.	Close once commitments are paid/cleared/moved
2010	5181060015	Inlet-Outlet Storm Damage Repair - 10/14	1,700,000	1,493,978	-	206,022	87.9%	Nick Winters	\$200k being used to wip fund 2017 program and then this project can be closed.	Funds are no longer required because this work has become an operating expense. Project will be closed September 30, 2016 pending a final review/audit/payment.
2012	5181272290	Storm Sewer Upgrades - 2012	7,826,000	6,518,562	858,150	449,289	94.3%	Marco Oddi/Pat McNab	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass . \$230k surplus being used to WIP fund the 2017 program.	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .
2013	5181360312	Greenhill - Hwy 20 Culverts	2,110,000	348,881	961,918	799,202	62.1%	Marco Oddi	Construction on going and expected to be complete in 2016.	Contract awarded. Construction to begin 2016.
2013	5181370000	Coordinated Road and Subsurface Works - 2013	1,100,000	597,284	408,111	94,605	91.4%	Marco Oddi/Pat McNab	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .	Ongoing work in progress - majority of outstanding commitment for the replacement of Grade Separation: Bridge 163, Centennial Parkway underpass .
2013	5181372295	SERG - Mount Albion SWMF Rehab	670,000	170,008	9,783	490,209	26.8%	Susan Jacob	HCA permit being pursued.	HCA permit outstanding. Tender and construction delayed due to lack of permit.
2014	5181449555	QA-QC Service Contract Program - 2014	50,000	47,774	2,354	(127)	100.3%	Marco Oddi/Pat McNab	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2014	5181460422	SERG - Holbrook SW Improvement	940,000	637,282	54,292	248,426	73.6%	Susan Jacob	Complete - Close once commitments are paid/cleared	Construction on going, expected to be complete by Sept 2016

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			a	b	c	d	e			
2014	5181460452	Shoreline Protection Program	600,000	35,179	275,006	289,815	51.7%	Brian Hughes	Ongoing - Construction works in progress	Project progress slow due to approval processes by multi agencies. Construction scheduled to proceed late 2016 or early 2017.
2014	5181460461	Forty Mile Municipal Drain	100,000	91,363	-	8,637	91.4%	Brian Hughes	75% funded from a third party - Arranging to assess properties on 2017 Tax Bill	75% funded from a third party - Arranging to assess properties on 2017 Tax Bill
2014	5181460722	Municipal Drain Maintenance Program - 2014/15	199,000	17,924	-	181,076	9.0%	Brian Hughes	Reactive Account - subject to applications from the public	Reactive Account - subject to applications from the public
2014	5181461740	Unscheduled Manhole & Sewermain - 2014	130,000	56,296	73,000	704	99.5%	Nick Winters	These funds will be fully committed by July 31, 2017.	These funds will be fully committed by December 31, 2016.
2014	5181472290	Storm Sewer Upgrades - 2014	6,750,000	6,217,091	115,650	417,259	93.8%	Marco Oddi/Pat McNab	Multi-year project. 8 of 9 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth has been delayed and rebudgeted in 2020. \$400k being used to wip fund 2017 program and then this project can be closed.	Multi-year project. 8 of 9 projects have been awarded. Burlington & Industrial - Ottawa to Kenilworth - 2017 construction
2015	5181510501	Mathers Drive Bank Erosion Control and Slope Stabilization	200,000	17,343	96,742	85,915	57.0%	Brian Hughes	EA process delayed by additional works	Anticipate 100% spent/committed by Q4 2016
2015	5181517152	Roadside Drainage Improvement Program - 2015	1,320,000	1,140,616	179,384	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent/committed by Q3 2016
2015	5181517458	Catch Basin Replacement/Rehabilitation Program - 2015	500,000	432,813	63,356	3,831	99.2%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% spent by Q4 2016
2015	5181517549	Cross Road Culvert Rehabilitation/Repair - 2015	150,000	105,582	45	44,373	70.4%	Brian Hughes	Ongoing - work in progress	Anticipate 100% spent/committed by Q3 2016
2015	5181549555	QA-QC Service Contract Program - 2015	60,000	37,088	20,200	2,712	95.5%	Marco Oddi/Pat McNab	Complete - Close once commitments are paid/cleared	Close once commitments are paid/cleared/moved
2015	5181555077	Zoom Camera Inspection - Data Component	760,000	65,985	144,175	549,840	27.7%	Erika Waite	Ongoing - work in progress. Multiyear contract - 2019 anticipated completion	Ongoing - work in progress. Multiyear contract - 2019 anticipated completion
2015	5181560515	Inlet-Outlet Storm Damage Repair - 2015	850,000	26,788	420,766	402,446	52.7%	Nick Winters	\$328K of the committed funds will be invoiced by November 2016 but \$92K will have to remain in this account until the warranty period for the project has expired (September 2017). The remaining funds are no longer required because the work has become an operating expense. \$400K is surplus.	\$450K of the committed funds will be completed by October 2016. The remaining funds are no longer required because the work has become an operating expense. Project will be closed September 30, 2016 pending a final review/audit/payment.
2015	5181560533	Trenchless Manhole Rehabilitation - 2015	80,000	38,305	40,111	1,584	98.0%	Erika Waite	Complete - Close once commitments are paid/cleared	Complete - Close once commitments are paid/cleared
2015	5181560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	1,060,000	187,641	17,989	854,370	19.4%	Erika Waite	Ongoing - work in progress	Ongoing - work in progress

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2015	5181560622	SWM Pond-Creek Maintenance Program - 2015	1,615,800	1,459,368	156,432	-	100.0%	Brian Hughes	100% committed - close once P.O.'s are paid/cleared	Anticipate 100% committed by Q4 2016
2015	5181560999	Closed Projects - Storm	266,000	20,835	309,992	(64,827)	124.4%	Erika Waite/Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project. Deficit will not exist if contingency dollars not required.	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.
2015	5181572290	Storm Sewer Upgrades - 2015	542,000	77,019	-	464,981	14.2%	Marco Oddi/Pat McNab	Multi-year project. One project has been cancelled due to revised scope. Two other projects in Dundas deferred to 2019/2020.	Multi-year project. One project has been cancelled due to revised scope. Report to add Rymal - Upper Paradise to Garth in process.
2015	5181572291	Barton & Hamilton St, Waterdown Storm Sewer Upgrade	1,530,000	132,484	-	1,397,516	8.7%	Erika Waite	Funding made available through 2015 budget for potential extension for development. Development spearheading.	Funding made available through 2015 budget for potential extension for development. Development spearheading.
2015	5181572295	SERG - LEEDS Implementation	910,000	24,638	26,294	859,067	5.6%	Erika Waite	Complete - Close once commitments are paid/cleared	Complete. Close in 2016 after year end reporting.
2016	5181617152	Roadside Drainage Improvement Program - 2016	1,500,000	94,020	810,161	595,819	60.3%	Brian Hughes	Anticipate 100% spent by Q3 2017	Ongoing - work in progress
2016	5181617458	Catch Basin Replacement/Rehabilitation Program - 2016	500,000	3,609	489,762	6,629	98.7%	Brian Hughes	Ongoing - work in progress	2016 Program underway
2016	5181617549	Cross Road Culvert Rehabilitation/Repair - 2016	150,000	-	-	150,000	0.0%	Brian Hughes	Undertaking condition assessment	Construction anticipated for Q3 2016
2016	5181617642	South St East Drainage Improve	160,000	7,073	17,551	135,376	15.4%	Brian Hughes	Ongoing - Design work advancing, Construction start Q2 2017	Ongoing - work in progress
2016	5181649555	QA-QC Service Contract Program - 2016	60,000	4,501	30,000	25,499	57.5%	Marco Oddi/Pat McNab	Anticipate 100% spent at year end 2016.	2016 Program underway. Anticipate 100% spent at year end 2016.
2016	5181655556	Mapping Update - 2016	70,000	5,252	-	64,748	7.5%	Gord McGuire	Mapping / GIS projects being commenced in Q3 and Q4 of 2018	Mapping / GIS projects being commenced in Q3 and Q4 of 2018
2016	5181660533	Trenchless Manhole Rehabilitation - 2016	80,000	77,095	137	2,768	96.5%	Erika Waite	Complete - Close once commitments are paid/cleared	Ongoing - work in progress
2016	5181660622	SWM Pond-Creek Maintenance Program - 2016	1,500,000	506,819	214,020	779,161	48.1%	Brian Hughes	Ongoing - Works being tendered Q4 2016	Ongoing - work in progress
2016	5181660722	Municipal Drain Maintenance Program - 2016	100,000	-	-	100,000	0.0%	Brian Hughes	Reactive Account - subject to applications from the public	Reactive Account - No request for maintenance received in Q2 2016
2016	5181662073	Field Data Systems Program - 2016	100,000	7,502	-	92,498	7.5%	Irena Szczepanik	Ongoing - work in progress. Not an annual project. No funds requested for 2017.	Ongoing - work in progress. Not an annual project. No funds requested for 2017.
2016	5181672074	Contingency for Unscheduled Works Program - 2016	150,000	11,435	8,298	130,268	13.2%	Pat McNab	% spent dependent on # of unscheduled works. Future budgets on hold pending depletion of these funds. Not an annual project.	% spent dependent on # of unscheduled works. Not an annual project.

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2016	5181672259	SERG - Gage Park Pond	1,980,000	148,547	-	1,831,453	7.5%	Erika Waite	Ongoing - work in progress	n/a
2016	5181672290	Storm Sewer Upgrades - 2016	1,500,000	337,530	365,694	796,776	46.9%	Marco Oddi/Pat McNab	Multi-year project. 3 of 4 projects have been awarded/constructed in 2017. \$250k surplus being used to wip fund 2017 program.	Multi-year project. 2 of 4 projects have been awarded. Remaining two to be awarded/constructed in 2016.
2016	5181672650	West Mtn Sewers - Juggernaut	500,000	136,161	60,952	302,888	39.4%	Erika Waite	Ongoing - work in progress, proposed for CWWF and if approved, construction 2017.	Ongoing - work in progress
2016	5181674640	Battlefield Creek Remediation	150,000	55,732	32,368	61,901	58.7%	Brian Hughes	Ongoing - Tender & Award in Q4	Ongoing - work in progress
<u>Sub-Total Roads - Storm</u>			40,961,800	21,695,066	6,262,691	13,004,043	68.3%			
<u>TOTAL ROADS RATE SECTION</u>			354,692,290	206,174,381	84,017,283	64,500,626	81.8%			
Total Public Works - Rate Supported			812,521,760	496,412,567	165,964,965	150,144,228	81.5%			