

TO: GENERAL COMMITTEE

SUBJECT: CAPITAL PROJECT STATUS REPORT

WARD: ALL

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RECOMMENDED MOTION

1. That staff be authorized to close the capital projects identified in Appendix C-1 – Projects with Excess Committed Funding, and release the funding commitments in the amount of \$2,720,280 as described in Appendix C-1 and identified in Appendix C-2.
2. That staff be authorized to close the capital projects identified in Appendix D-1 – Projects Requiring Additional Funding, and increase the funding commitments in the amount of \$4,397,686 as described in Appendix D-1 and identified in Appendix D-2.
3. That staff be authorized to undertake the new capital projects as well as existing projects with an expanded scope as identified in Appendix B-1 – New Capital Projects, and add the funding commitments in the amount of \$2,091,800 as described in Appendix B-1 and identified in Appendix B-2.
4. That the following projects and associated construction phases be cancelled and removed from the 2014 Capital Budget:
 - a) 1569 Advanced Nutrient Removal at WwTF - Interim Solution \$7,500,000 funded from the Wastewater Reserve Fund (12-05-0575); and,
 - b) 1224 Lakeshore Drive: Toronto - Victoria \$7,900,000 funded \$6,988,601 from the Tax Capital Reserve (13-04-0440) and \$911,399 from the Development Charges – Parks & Recreation (11-05-0555).

5. That the funding plan for the Allandale Train Station (Project #14-2000-1103) be adjusted as follows to address the Council direction in Motion 14-G-016:
 - a) Reduce funding from debt by \$1,158,316 from \$5,075,000 for total debt financing of \$3,916,684;
 - b) Allocate funding from the Working Funds Reserve (13-04-0401) in the amount of \$464,861; and,
 - c) Allocate funding from the General Support Services Reserve (13-04-0460) in the amount of \$693,455.

6. That the Working Funds Reserve (13-04-0401) and the General Support Services Reserve(13-04-0460) be closed.

7. That the Treasurer be authorized to:
 - a) Issue 10-year debentures for project Arbour Trail (Project #16-2510-0366) in the amount of \$249,155;
 - b) Release the debt commitment in the amount of \$200,000 for 1 & 15 Bayfield Street (Project #16-2510-0537);
 - c) Increase the authorized issuance of 10 year debentures for WwTF Expansion (Project #16-2515-0135) by \$2,500,000 from \$87,900,000 for total debt financing of \$90,400,000; and,
 - d) Decrease the authorized issuance of 10 year debentures for Allandale Train Station (Project #14-2000-1103) by \$383,316 from \$4,300,000 for total debt financing of \$3,916,684.

PURPOSE & BACKGROUND

8. The purpose of this report is to describe the status of the City of Barrie's Capital Plan based on the application of the Capital Project Financial Control Policy that was approved by Council August 24, 2009. The objective of this policy is to demonstrate accountability and transparency of all capital expenditures.

9. Project managers are responsible for ensuring each capital project assigned to them adheres to schedule requirements and financial policies throughout the year.

10. This report will provide a comprehensive description of the progress and performance of the Corporation's Capital Plan. It augments, but does not replace, the details about the Capital Plan that continue to be reported as part of the Corporation's annual Business Plan.

Capital Project Financial Control Policy

11. A key element of the Capital Project Financial Control Policy is the requirement for a semi-annual Capital Status Report which includes:
 - a) The status of all approved Capital Projects (i.e. not started, design phase, underway, substantially complete, or other);

 - b) Capital Projects to be closed with related recommendations for treatment of project savings and over expenditures which exceed the materiality threshold of the lesser of 10% of the Capital Budget or \$250,000;

- c) Recommendations for the deferral or closure of capital projects to either fund new projects or over expenditures on other projects;
 - d) Recommendations for financing adjustments when requirements for any anticipated over expenditures exceed the materiality threshold of 10% of the Capital Budget or \$250,000; and,
 - e) Recommendations to address substantive changes in the nature or scope of an approved capital project.
12. Any over expenditures below the materiality threshold can be addressed by the Department Head, subject to review by the Director of Finance or delegate, through the use of holding accounts established for each fund (i.e. tax rate, water rate, wastewater rate and parking rate).
13. The status of the City's capital projects is being presented as of April 30, 2014. The project managers responsible for overseeing individual capital projects provided information that forms the basis for this report.
14. On previous reports, staff used terminology such as "return excess funding" which implies transferring funds back into its reserve. This is incorrect as funds are only transferred out of the reserve when actual expenditures have occurred within a capital project, therefore there wouldn't be any actual funds to "return" to the reserves. The true action taking place in this case is that the commitments are released on those funds within the reserve. Council will notice the terminology change of "releasing/increasing commitments" to reserves as part of this report

ANALYSIS

Capital Project Status – Appendix A

15. Appendix A of the Capital Project Status Report provides a listing of all approved and pending approval projects (441 projects) in the City's 2014 Capital Budget by functional area. It is noteworthy to recognize the total value of approved capital project budgets included in this report is approximately \$602M.
16. As Appendix A describes, \$427M (71%) of this amount was spent in prior periods; \$95.4M (16%) is anticipated to be spent in 2014 with the balance of \$73.3M (12%) projected to be expended over the two subsequent years.
17. The total additional funding required is approximately \$6.7M while the total funding commitments being released is \$18.1M which amounts to a net \$11.4M (1.9%) reduction to the overall capital budget.
18. Each project has been reviewed with the appropriate project manager and a status has been assigned (e.g. not started, design phase, underway, substantially complete, other). As of April 30th, all approved 2014 capital projects are underway, substantially complete, or completed with the exception of the newly requested projects. There are also instances where a project has been identified as underway but there has been no spending to date. This will occur when a project has just recently been started and no invoices have been received yet or the project is still in the planning or procurement phase.

Other Priority Projects – Appendices B-1 and B-2

19. It is recommended that the following projects be added to the Capital Budget and funded as outlined in Appendices B -1 and B-2.

a) **Bayview Drive: Burton Ave - Glenridge Road**

Approved Budget: \$390,000

Additional Funding Required: (\$375,000 – Tax Capital Reserve 13-04-0440)

The scope will be revised to include the additional capacity upgrade of the watermain and all appurtenances and the design and construction of full depth asphalt resurfacing for Bayview Drive, between Burton Avenue to Glenridge Road.

Through the detailed design process, it was determined that the watermain must be replaced rather than simply lined in order to maintain a safe and reliable water system in this area. Given the required open cut trench installation and the poor condition of the existing pavement structure of Bayview Drive, it is recommended that a full depth road rehabilitation is included in the scope of work.

Due to the similar nature of the Bayview Drive watermain replacement project (Eng1397) and revised Bayview Drive watermain lining project (Eng1393) it is recommended that the projects be combined into a single project. The design for the revised project, including the segment requiring emergency funding in December 2013, will be completed by a consultant in the summer of 2014. It is anticipated that construction tenders will be issued in August 2014 and that construction of the watermain and road work up to base asphalt will be completed in 2014. The surface course asphalt will be placed in 2015.

b) **Garrett Crescent Watermain Lining**

Approved Budget: \$0

Additional Funding Required: (\$200,000 – Water Reserve Fund 12-05-0580)

As part of the 2014 Business Plan deliberations, North Shore A Neighbourhood Renewal was added to the Capital Plan as a budget amendment, with both the design and construction approved to proceed in 2014. The project scope includes full depth asphalt replacement on a number of local roads in the neighbourhood bounded by Penetanguishene Road, Johnson Street, Blake Street and Shanty Bay Road (refer to Appendix A).

During design consultation meetings, the Water Operations Branch expressed concern for the watermain on Garrett Crescent. The City currently collects and maintains records on watermain breaks, and uses this data when assessing risk and scoping out capital projects, however this practise is relatively new, and there are gaps in the historical data. Limited data exists on the location of watermain breaks that occurred in this area, except within the memory of long service staff. A number of watermain breaks are reported to have occurred in North Shore Neighbourhood A in the mid 1980s, prior to the City maintaining formal records in this regard. Given the introduction of this information, the scope of the neighbourhood renewal project was revisited. The highest risk area was determined to be the watermain on Garrett Crescent, which is on a significant slope, so any breaks on this water main could result in washing out the new road surface. It is therefore recommended that this high risk watermain be lined prior to the road resurfacing taking place.

c) **Penetanguishene Road/North Shore Neighbourhood A**

Approved Budget: \$0

Additional Funding Required: (\$215,000 – Tax Capital Reserve 13-04-0440)

As part of the 2014 Business Plan deliberations, North Shore A Neighbourhood Renewal was added to the Capital Plan as a budget amendment, with both the design and construction approved to proceed in 2014. The project scope includes full depth asphalt replacement on a number of local roads in the neighbourhood bounded by Penetanguishene Road, Johnson Street, Blake Street and Shanty Bay Road (refer to Appendix A). Penetanguishene Road was not initially included for resurfacing.

Further review of the scope of work resulted in the identification of Penetanguishene Road as a good candidate for road rehabilitation. In addition to the roads previously identified for resurfacing as part of North Shore Neighbourhood A, it is recommended Penetanguishene Road between Crestwood to approximately Chippawa Court be included in the scope of work. The length of additional road is approximately 400 metres.

d) **Rodney Street – Blake to Kempenfelt**

Approved Budget: \$0

Additional Funding Required: (\$63,800 – Tax Capital Reserve 13-04-0440, Water Reserve Fund 12-05-0580, and Wastewater Reserve Fund 12-05-0575)

In March of 2014 the sanitary sewer on Rodney Street between Blake Street and Kempenfelt Drive failed. During excavation to repair, crews discovered that the sanitary sewer was crumbling. Approximately 30 metres of the sewer was replaced with PVC and connected to the existing 250mm vitrified clay pipe in order to restore service. Backfill and granular could not be reinstated to current standards due to extreme cold weather. This repair has a high risk of failure, and only addressed a portion of the sewer within the right of way. The sanitary sewer is in need of complete replacement. It has physically failed, and poses a high risk to the Corporation.

The existing storm sewer in the right of way is two thirds of the way through its expected useful life, is exhibiting some deterioration as would be expected for its age, and is undersized for the 100 year storm. The existing watermain extends partially along the road, in the boulevard, was installed in 1961 and does not meet current standards for size or material.

It is recommended that the entire Rodney Street right of way between Blake and Kempenfelt be reconstructed as soon as possible. While the design can be completed in 2014, if funds are approved through the capital status report, the construction (\$750K) will be considered to be the highest priority during the 2015 capital planning process.

e) **Cityworks Performance Improvements**

Approved Budget: \$0

Additional Funding Required: (\$298,000 – Tax Capital Reserve 13-04-0440 and Water Reserve Fund 12-05-0580)

The City of Barrie has been using the Cityworks Computerized Maintenance Management System (CMMS) since 2011 to manage its water operations and roads and parks maintenance management. The City has experienced significant performance issues with the system as it is currently deployed. Operational staff productivity is being significantly impacted as a result of system instability and lengthy time delays in work order creation. Projects are also being developed to extend the use of Cityworks to mobile users as well as to additional processes for road patrol, utility locate management and water operation valve maintenance. These additional applications will provide more effective service delivery and improved asset management, however will also result in further degradation of system performance. In addition, the planned integration of the Cityworks system and the Enterprise Resource Planning (ERP) will form a foundational element to achieve more effective asset management, however prior to this, it is essential the performance issues be addressed. Future phases of deployment will see the Cityworks application installed in Wastewater as well as Fleet Services.

Esri Canada Inc. (Esri) currently provides support to the City through an enterprise license for both ArcGIS and Cityworks. Esri is acting as technical lead on this project to ensure we meet the necessary performance targets. Through past support knowledge and defined health check workshops as well as Enterprise GIS – Cityworks System design workshops, Esri has identified potential causes and steps required to address the performance issues. The proposed performance improvements are scheduled to be complete within 2014.

f) **Wastewater Treatment Plant Twin Effluent Pipe Under Lakeshore Drive**

Approved Budget: \$0

Additional Funding Required: (\$550,000 – Wastewater Reserve Fund 12-05-0575)

There is currently one effluent pipe which was constructed in the 1970's and serves to direct treated wastewater from the Wastewater Treatment Facility to Kempenfelt Bay. The existing effluent pipe extends approximately 150 metres (500 feet) into Kempenfelt Bay. In the 1990's, the effluent pipe was extended approximately 150 metres further into Kempenfelt Bay with a diffuser pipe to help mix the effluent water with the Bay water.

In 2008, a piece of the 1970's pipe was replaced as part of the Sanitary Trunk Sewer Construction project where the trunk sewer crosses the effluent pipe. With the effluent pipe exposed, some rust colour on the concrete pipe and deterioration at the pipe joints was noticed, leading to a project to assess the remaining life expectancy in the existing effluent pipe.

This project adds a section of a future second effluent pipe across the new Lakeshore Drive roadway that can be extended to Kempenfelt Bay in the future. The proposed installation would result in a pipe underneath the new roadway, which would be capped at both ends. Due to the unstable soil conditions and the need to install the pipe on piles, it is not possible to install the pipe under the roadway utilizing tunneling methods, and as such, a deferral of the pipe installation would require a major open cut excavation through

the newly installed roadway. The installation of the twin pipe as part of the Lakeshore Drive road realignment project will result in economies of scale, being part of a larger project, and will minimize disruption to the road and public inconvenience in the future. The actual twinned outfall would be installed in the future, with timing to be determined through the prioritization process as part of the annual Business Plan process.

The Lakeshore Drive roadway is anticipated to have base asphalt placed in 2014, and top lift asphalt placed in Summer 2015. Traffic is to be transferred to the new roadway by end of Summer 2015. Having the funding for the twin effluent pipe advanced before the 2015 Capital Budget would allow for scheduling the installation in a manner that would not delay the opening of the new roadway and the subsequent open channel works.

Already coordinated with the Lakeshore Drive project is the work to investigate the condition of the length of existing effluent pipe under the new roadway.

g) **Thomson Street – Emergency Watermain Replacement**
Approved Budget: \$0

Additional Funding Required: (\$290,000 – Water Reserve Fund 12-05-0580)

The watermain on Thomson Street is a 32mm diameter galvanized pipe, constructed in 1911 making it one of the oldest pieces of infrastructure in the City. Watermains have expected useful lives of 85 years, meaning that this main has exceeded its theoretical useful life by nearly 20 years. The replacement of this watermain is not included in the City's current Capital Plan.

Representatives from the Water Operations Branch have attended residences on Thomson Street multiple times since March 2014. Crews from Water Customer Services made visits March 19, April 7, April 17 and April 22, while Water Distribution crews were on site for two days, May 6 and May 7.

Over the course of those visits several flow tests were completed that demonstrated flow rates of 1-3 gallons per minute (or 3.7 to 11.3 litres per minute). This is considered an extremely low flow rate. In an attempt to remedy this, service flushes were performed at two of the properties in question, and these attempts had little to no impact with operators reporting no noticeable difference in pre-flush and post-flush flow rates. Following those efforts, Water Distribution crews were dispatched to expose the watermain downstream of the joint service shared by #25 and #27, and install a blow off to attempt to flush out the existing main and increase flow. Once again flow rates remained very low (1-3 gallons/minute) and during flushing and the crew on site noted that attempts to open outside taps at residences upstream of the blow off location resulted in almost a complete stop of water flow at the blow off.

Obviously the lack of flow is problematic from a convenience perspective for the residents, but the bigger concern is the potential for a back siphonage event to occur. If flow/pressure cannot meet demand when multiple residents are attempting to use water at the same time, a vacuum effect can be created potentially resulting in water being sucked out of one home to feed another. If any cross connections exist within these homes (as there are in almost all older residential properties: water softeners, filtration systems, etc.) there is potential for non-potable water to enter the distribution system. In addition to that, and given the age of the existing galvanized main, the potential for

infiltration through perforations in the main are also a very real concern in the same scenario, as water/material outside a potentially perforated main could also be “sucked up” into the distribution system when demand exceeds available flow and a back siphonage situation is created.

It is recommended that a temporary system be installed as soon as possible, and that the watermain be replaced in 2014 in order to provide safe drinking water, with an acceptable flow rate to the residents of Thomson Street.

In addition to concerns with the local watermain on Thomson, the local sanitary sewer is in poor condition, being a 200mm vitrified clay pipe that was installed in 1921. The road surface is in fair condition, and is due for a rehabilitation, and in addition, there are no local storm sewers or catch basins within the right of way. Kidds Creek crosses under the road around through a concrete box culvert, which could be undersized. Through the Neighbourhood Renewal Program, this right of way was identified as being a high priority for reconstruction within the next few years, and the project will be considered as part of the 2015 – 2019 Capital Plan. The watermain work that is being recommended in this report should proceed in advance of the full right of way reconstruction in order to provide water service to the residents. Unfortunately this means some inefficiencies in construction. In the future the City will strive to undertake this work proactively in order to optimize investment of renewal funding.

h) Fire Station #3 – Roof Replacement

Approved Budget: \$0

Additional Funding Required: (\$65,000 – Tax Capital Reserve 13-04-0440)

Excessive wind damage expedited deterioration of the current shingled roof, which has caused water penetration into the building. Staff currently have safety and environmental concerns over the potential for mould growth to occur if water continues to enter into building. Operating out of those facilities, with the current conditions, could be challenging if the situation gets worse. Staff recommend replacing the current shingled roof with a standing seam metal roofing system which has a life cycle of 40+ years, compared to a 10 year lifecycle of a shingled system. Metal roofing systems have superior durability compared to a shingled roof when exposed to excessive wind or sun (UV), which would prevent this situation from occurring again in the near future.

i) Fire Station #4 – Roof Replacement

Approved Budget: \$0

Additional Funding Required: (\$35,000 – Tax Capital Reserve 13-04-0440)

Excessive wind damage expedited deterioration of the current shingled roof, which has caused water penetration into the building. Staff currently have safety and environmental concerns over the potential for mould growth to occur if water continues to enter into building. Operating out of those facilities, with the current conditions, could be challenging if the situation gets worse. Staff recommend replacing the current shingled roof with a standing seam metal roofing system which has a life cycle of 40+ years, compared to a 10 year lifecycle of a shingled system. Metal roofing systems have superior durability compared to a shingled roof when exposed to excessive wind or sun (UV), which would prevent this situation from occurring again in the near future.

20. It is recommended that the construction phase of the following projects be cancelled from the 2014 Capital Budget and funding commitment be released as described below.

a) **Advanced Nutrient Removal at WwTF - Interim Solution**

Approved Budget: \$7,634,000

Funding Commitment Release: (\$7,500,000 – Wastewater Reserve Fund 12-05-0575)

Council adopted Motion (14-G-134) which was not to proceed with this project and return the funds on the next capital status report. This is based on a letter from the Ministry of Environment (MOE) advising the City to contact the Barrie District Office to address any Phosphorus compliance concerns in the interim until the ultimate solution is operational. This letter was the result of a series of meetings and correspondence between the City and the MOE in the first quarter of 2014.

b) **Lakeshore Drive: Toronto - Victoria**

Approved Budget: \$9,145,000

Funding Commitment Release: (\$7,900,000 – Tax Capital Reserve 13-04-0440 and Development Charges – Parks and Recreation 11-05-0555)

The funding commitments from the proposed 2015 and 2016 Capital Budgets are being released per Council Motion 13-G-019, 2013 Business Plan, and reaffirmed in Council Motion 14-G-003, Spending Approval for Specific Parks Elements within Contract 2 of Lakeshore Drive Realignment and Centennial Park Improvements (Ward 2). The primary reason behind those two motions is that no funding on construction for Centennial Park improvements be spent until the Waterfront and Marina Strategic Plan is adopted.

21. Council passed Motion 14-G-016 which contained the following paragraph:

"That the funds included in the Working funds reserve account 13-04-0401 in the amount of \$464,861 and the General support services reserve account 13-04-0461 in the amount of at \$693,455 be applied as determined by staff, as an alternate funding source for completed project(s) included in the June 2014 planned debt issuance to reduce the reliance on debt financing..."

Staff reviewed the projects included in the debt issuance planned June 2014 and determined the Allandale Train Station Restoration project (Project #14-2000-1103) was suitable for Council's direction. If approved as presented, the recommendations in this report will use funding from these reserves in place of debt to the full extent directed by council

Projects with Excess Funding – Appendices C-1 and C-2

22. Appendix C of the report identifies capital projects by functional area that are either completed and have excess funds or are still underway but excess funds have been identified based on tender results. All completed projects will be closed.

23. Generally, excess funds are the result of several factors. The common reasons include:
- a) Better than expected market conditions. These are very hard to predict at the capital planning stage, well in advance of the actual tendering and construction. The market conditions can fluctuate a number of times throughout the year, and can be affected by what other municipalities are doing, or not doing.
 - b) The City includes contingencies in contracts which in some cases are not utilized. The contingencies are required because of the uncertainty of underground installations and soil investigation work ahead of any construction.

Projects Requiring Additional Council Approved Funding – Appendix D-1 and D-2

24. Appendix D identifies capital projects by functional area that exceed their materiality threshold (the lesser of 10% of the Capital Budget or \$250,000) or where there are insufficient funds available in the holding accounts. In these instances, Council approval is required for additional funding. The projects are identified as either those that are still active and require additional funds in order to complete or projects that have been completed but require additional funding in order to close them. Staff have provided detailed comments/explanations in the appendix for each project where an over expenditure occurred.
25. The total over expenditure represents \$4.4M on 15 projects. The majority of this has resulted from various issues related to construction projects (as described in further detail in Appendix D).

Projects Requiring Additional Funding (Delegated Authority) – Appendix E

26. Appendix E includes those capital projects that have been over spent but are within the materiality threshold established in the Capital Project Financial Control Policy. As per the Capital Project Financial Control Policy, Department Heads, subject to the review by the Director of Finance or delegate, have delegated authority, to transfer the required funds from the appropriate holding accounts established for this purpose. This information is being provided for information purposes only.

Holding Accounts:

27. As per the Capital Project Financial Control Policy, holding accounts are to be established for the following program areas with the respective target balances not to exceed the following:
- a) Tax Rate Holding Account \$3,000,000
 - b) Water Rate Holding Account \$1,000,000
 - c) Wastewater Rate Holding Account \$1,000,000
 - d) Parking Rate Holding Account \$ 100,000

The purpose of these holding accounts is to provide Department Heads, subject to the review by the Director of Finance or delegate, with some flexibility to authorize adjustments to a Capital Project Budget in an amount not to exceed a Council approved materiality threshold. This facilitates effective project management and reduces the need for Council to become engaged in routine project administration matters that not only consumes valuable time at Council meetings, but also risks slowing the project down and generating increased costs due to delay claims, price escalations or other factors.

28. The table below indicates the status of the holding accounts as at April 30, 2014 and year to date activity. With the adjustments proposed in this report, the balance in the holding accounts will be available in order to deal with future financing needs. The following chart depicts the impact on the holding accounts as a result of the transactions in Appendices B, C, D and E:

Holding Accounts				
	Tax Rate	Water Rate	Wastewater Rate	Parking Rate
Opening Balance	2,656,420	754,551	987,455	19,577
Transfers Out	(194,313)	(37,913)	(222)	-
Transfers In	537,893	153,384	12,767	-
Closing Balance	3,000,000	870,022	1,000,000	19,577

ENVIRONMENTAL MATTERS

29. There are no environmental matters related to the recommendation.

ALTERNATIVES

30. There are two alternatives available for consideration by General Committee:

Alternative #1

General Committee could choose alternative financing plans to fund the over expenditures such as increasing debt financing.

This alternative is not recommended given Barrie's objective of minimizing debt and the fact that reserves and reserve funds have sufficient funds available to address the net funding requirements.

FINANCIAL

31. The following charts depict the net impact to reserve funds, reserves and other funding sources for 2014 has been summarized in Appendices B-1, C-1, and D-1. The net commitment release for the Tax, Water and Wastewater Capital reserves is a follows:

Net Impact	
Tax Capital Reserve	672,378
Water Reserve Fund	571,656
Wastewater Reserve Fund	521,781

32. A review of committed debt was conducted which lead to several recommendations related to the funding plans for a number of projects as outlined below:

Debt Adjustment	
Arbour Trail	249,155
1 & 15 Bayfield	(200,000)
WwTF Expansion	2,500,000
Allandale Train Station Restoration	(1,158,316)
Net increase	1,390,839

Staff are seeking Council authorization to debt finance the Arbour Trail project, which was flagged to be funded from debt as part of the 2009 Capital Plan. Staff have suggested to fund the additional \$2.5M for the WwTF expansion from debt as: 1) the project provides future benefit and by financing the project it spreads those costs to the users over that time period; and, 2) the Wastewater Reserve Fund still remains in a deficit position.

The reduction in debt on the Allandale Train Station is a result of Council motion 14-G-016, where the debt was substituted with funding from the Working Fund Reserve(13-04-0401) and the General Support Services Reserve(13-04-0460).

33. The increase to the City's debt commitment of \$1,390,839 will increase the current committed debt capacity annual repayment limit (ARL) from 49.2% to approximately 49.3%.

LINKAGE TO COUNCIL STRATEGIC PRIORITIES

34. The recommendations included in this Staff Report support the following goal identified in the 2010-2014 City Council Strategic Plan:

Strengthen Barrie's Financial Condition

35. The Capital Project Financial Policy is a key element of the City's Financial Policy Framework. The transparency and accountability that it requires will support Council's Strategic Goal of strengthening the City's financial condition.

APPENDIX A: CAPITAL PROJECT STATUS
As at: April 30, 2014

Description	Previously Approved Capital Budget \$	2014 Approved Budget \$	Future Yrs Budget \$	Previously Approved Adjustments \$	Pending Adjustments \$	Revised Budget \$	Total Spent to Date \$	2014 Spending Plan \$	2015 Spending Plan \$	2016 Spending Plan \$	Status
Bridges:											
0469 Duckwth St- Bernick to Cundles	21,455,084	1,350,000				22,805,084	1,707,926	8,128,913	9,000,000	4,186,630	Underway
0615 Mapleview Dr E - Welham to Huronia	6,271,884					6,271,884	6,065,316	45,000			Substantially Complete
1224 Lakeshore Dr.Toronto-Victoria			1,500,000		-900,000	600,000			500,000		Design Phase
Culverts:											
0308 Ferndale : Tiffin-Dunlop	40,000					40,000	11,169	20,509			Design Phase
0615 Mapleview Dr. Welham-Huronia	487,101				-696	486,405	486,405				Completed
1120 Ross St: Wellington-Toronto	569,515				-32,959	536,556	536,556				Completed
1135 Mapleview Dr E - Huronia to Country	96,000					96,000	56,843	49,460			Design Phase
1209 Redfern Ave Culvert	621,689				-15,014	606,675	606,675	5,028			Completed
1224 Lakeshore Dr.Toronto-Victoria	3,900,000					3,900,000	1,868,768	2,180,424			Underway
1229 Whiskey Cr.Brennan Ave	110,000					110,000	35,685	67,800	7,000		Design Phase
1230 Whiskey Cr.The Boulevard	250,000					250,000	58,624	115,225	75,000		Design Phase
1294 County Rd 30 Culvert Bear Cr	370,000				-25,559	344,441	344,441				Completed
1304 Lakeshore Dr. Victoria-Tiffin	4,075,000					4,075,000	1,956,891	2,504,372			Underway
1508 Dunlop Street West - Eccles to Toronto	325,000					325,000	75,767	238,600	45,179		Design Phase
1519 Hotchkiss Creek - Essa Road - Anne to Gowan (H19)	230,000					230,000	111,517	129,000			Design Phase
Environmental:											
0179 Leachate Collection Works	915,000					915,000	727,113	70,000			Underway
0559 Landfill Re-engineering	35,477,933	7,975,000	5,085,000			48,537,933	31,825,880	7,949,616	10,400,000		Underway
0650 TCE Groundwater Monitoring Wells	492,062					492,062	408,536	83,500			Underway
1006 Landfill Wells	335,000	150,000	25,000			510,000	335,700	135,000	39,300		Underway
1362 Landfill Weigh Scales	185,000					185,000	194,042	14,501			Underway
1521 Landfill - Purge Well PW4 Installation	135,000					135,000	38,354	133,000			Underway
1456 Garbage/Roll Off Containers	70,000					70,000	27,984	40,000			Underway
Facilities:											
1103 Allandale Train Station	5,215,000					5,215,000	5,212,292	25,000			Substantially Complete
1206 Allandale Stn- Site Assessment	120,000					120,000	71,647				Design Phase
1466 University Lands	2,700,000					2,700,000	1,574,770				Completed
1564 First Responders Campus - Feasibility Study	375,000					375,000	100	374,900			Underway
1488 Artificial Turf Sports Facility	50,000	45,000				95,000	8,013				Underway
1500 City Administration Master Plan and Facility Needs Study	90,000					90,000	10,130	79,870			Underway
1427 Transit Term - Replace Flat R	220,000				723	220,723	220,723				Completed
1072 56 Mulcaster Relocate Improvement	285,000					285,000	181,841	3,305	101,009		Underway
1479 56 Mulcaster - Structural Remediation		410,000	410,000	(410,000)		410,000			410,000		Not Started
1190 City Hall - HVAC System	340,000					340,000	324,065	54,940			Underway
1276 City Hall Replace All Roofs	880,000				-521	879,479	879,479				Completed
1380 City Hall - Interim Accessibility Renovations	270,000	50,000			125,000	445,000	284,471	287,762			Underway
1421 City Hall - HVAC Replace	665,000	600,000				1,265,000	377,515	2,099,727			Underway
1501 City Hall - Council Chambers Accessibility Upgrades	155,000					155,000	1,279	153,721			Underway
1566 CH Data Centre Power Works (Emergency Repair)	55,000					55,000	24,380	35,544			Underway
1563 Space Accomodation - Corp Re-org	250,000				25,000	275,000	400,846	64,047			Underway
1419 BFES 65 Vespra - Demol	420,000				-78,809	341,191	341,191				Completed
1272 BFES Stn 3 Site Wrks Renewal	120,000					120,000	117,330	20,091			Underway
1524 MacLaren Art Centre - Replace Copper Eaves		30,500				30,500		30,500			Underway
1565 MacLaren Art Centre - Attic Rehabilitation	50,000					50,000	27,524	40,163			Underway
1520 Lampman Lane Community Centre/Park Refurbishment	2,908,000					2,908,000	2,655,398	283,617			Underway
1339 Police (29 Sperling) - Roof Replacement	600,000				-103,045	496,955	496,955	(39,044)			Completed
1426 Police Services Accom	4,200,000					4,200,000	4,389	4,200,000			Underway

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1099 79 Bell Farm Road	2,450,000			245,000	357,000	3,052,000	2,340,591	321,515			Underway
1588 Library Main Branch Elevator Repl		285,000				285,000		276,000	9,000		Underway
1511 Foodland Development - Interior Fit-Up	150,000					150,000		150,000			Underway
1102 Downtown Theatre	6,332,473					6,332,473	6,308,204	24,269			Underway
1337 Heritage Park Splash Pad - Pad Resurfacing	380,000					380,000	101,638	100,000			Underway
1133 Parkview CC - Environmental Restoration- Major Renovations	275,000					275,000	257,775	5,000			Substantially Complete
1282 Parkview CC: Structural Remedi	325,000					325,000	374,767				Substantially Complete
1425 Parkview CC ExtConcrete Rep	57,772					57,772	30,910				Substantially Complete
1340 ARC - Replace B-MU 2 Change Rooms	51,000				89,000	140,000	13,971				Underway
1381 ARC - Big Red Air Exchanger	255,000					255,000	199,886				Underway
1482 Allandale - Blue Arena - Ceiling		225,000	49,000	(225,000)		49,000			49,000		Not Started
1483 Allandale - Blue Arena - Chiller	75,000					75,000	945	20,000			Underway
1485 Allandale - Flooring Upgrades		125,000	125,000	(125,000)		125,000			125,000		Not Started
1486 Allandale - Hot Water Supply 1 & 2	80,000					80,000	3,000	77,000			Underway
1487 Allandale - Replace AC4	30,000				15,000	45,000	41,454	35,000			Underway
1533 Parks - 2 Ice Resurfacers (99-246, 01-253)	80,000	80,000			8,212	168,212	168,212	8,212			Completed
1583 East Bayfield - Pool Lighting Retrofit		55,000				55,000		55,000			Underway
1422 Holly C.C. - Roof remed	135,500					135,500	19,914	61,000			Underway
1336 Barrie Molson Centre - Replace Gas Fired Heaters	209,000				74,000	283,000	248,142				Underway
1491 BMC - Building Automation System	97,800					97,800	46,827				Underway
1492 Barrie Molson Centre - Supply Fan #1	385,000					385,000	369,649	385,000			Underway
1568 Structural Rehabilitation (Wash Bay)	55,000	600,000				655,000		653,000	2,000		Underway
1366 Georgian Theatre-Upgrades & Re	205,200					205,200	148,768				Underway
0411 Transit Garage	6,362,406				81,049	6,443,455	6,443,455	1,611			Completed
1216 Transit Garage	9,480,000	10,000,000	1,900,000			21,380,000	1,537,571	243,837	18,000,000	1,674,541	Underway
1278 Water Pollution Ctrl Ctr Roof	439,060				222	439,282	439,282				Completed
1529 Marina - Administration Building Retrofit	45,000				3,664	48,664		45,000			Underway
1528 Marina - Electronic Gate Access Control	45,000					45,000	48,664				Completed
1292 Sports Complex:Ops & Maint Fac	282,500				200,000	482,500	301,672	201,424			Underway
1493 Barrie Sports Complex - Grounding Study/Works	40,000					40,000		40,000			Underway
Fire Station #3 - Roof Replacement					65,000	65,000					Not Yet Approved
Fire Station #4 - Roof Replacement					35,000	35,000					Not Yet Approved
Finance:											
1206 Water Billing System; Software & Hardware	535,147					535,147	524,742	24,400			Substantially Complete
Fire:											
1332 Communications Equip- Fire Radio Infrastructure	200,000				-5,384	194,616	194,616				Completed
1333 Communications Equipment - Mobile Radios	77,254				-28	77,226	77,226				Completed
1496 BFES - Aerial Platform Truck		400,000		(400,000)		0					Not Started
1497 BFES - Fire Dept Van	40,000				-1,557	38,443	38,443				Completed
1510 Fire Prevention Car - 2 Door, PU Utility Truck	50,000				786	50,786	50,786	1,150			Completed
Information & Communications Technology:											
0455 Communication Towers	420,000					420,000	400,323	20,000			Underway
1153 Emergency Response Radio Systems Expansion	350,000				4,463	354,463	354,463				Completed
1241 Radio Infrastructure:Simulcast	320,000					320,000	276,754	135,000			Underway
1243 2011 Network Switch Replacement	150,000					150,000	142,455	7,600			Underway
1244 Phone Systems Renewals	315,450					315,450	166,069	161,786			Underway
1248 2011 Voice & Data Radio Communications	100,000					100,000	85,981	36,000			Underway
1250 2011 Server Replace & Virtualiz	900,000	300,000				1,200,000	719,307	623,869			Underway

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1251 2011 Tower Infrastructure Repl	900,000					900,000	611,426	970,813			Underway
1253 Technology Communications Mast	100,000					100,000	20,492	100,000			Underway
1451 2012 Voice & Data Radio Renewal	160,000					160,000	116,287	112,255			Underway
1453 2012 Network System Replacement	300,000					300,000	237,788	67,000			Underway
1609 Network Infrastructure		300,000				300,000		300,000			Underway
1610 Public Safety Communications Infrastructure		214,750				214,750		220,000			Underway
1611 Server and Storage Infrastructure		300,000				300,000		300,000			Underway
1612 Corporate Communications Infrastructure		150,000				150,000		150,000			Underway
1107 2-3 Year Great Plains	465,370					465,370	385,594	80,000			Underway
1117 External Web Site	620,000					620,000	546,665	73,000			Underway
1252 ERP System	3,485,000	2,235,000	4,200,000			9,920,000	1,067,475	4,400,000	3,000,000	1,400,000	Underway
1414 Desktop Software Maintenance Program	1,391,800	650,000				2,041,800	1,420,088	672,700			Underway
1415 2012 Laptop Replacement	108,000					108,000	86,156	13,664			Underway
1416 2012 Printer Replacement	109,000				1,127	110,127	110,127	163			Completed
1449 2012 Monitor Replacements	218,200					218,200	122,376	106,579			Underway
1450 2012 PC Replacements	483,020					483,020	234,187	212,430	48,862		Underway
1613 Corporate Imaging Infrastructure		106,750				106,750	2,785	106,000			Underway
1614 Corporate PC Infrastructure		304,600				304,600			304,600		Underway
Cityworks Performance Improvements					298,000	298,000					Not Yet Approved
Parking:											
0523 10-14 Collier St.	308,000					308,000	203,122				Design Phase
0537 1 & 15 Bayfield St.	1,585,000		500,964	(500,964)		1,585,000	1,094,438				Underway
0670 GO Train Parking Lot	7,862,500					7,862,500	4,214,474				Substantially Complete
1224 Lakeshore Drive: Toronto- Victoria	195,000		3,450,000		-3,450,000	195,000	59,622	5,725			Design Phase
Parks:											
1224 Lakeshore Dr:Toronto-Victoria	100,000		3,900,000		-3,550,000	450,000	282,963	25,000			Design Phase
1322 Dunsmore Park (Georgian Glen)	35,000				3,853	38,853	38,853	1,034			Completed
1372 North Shore Trail - Ecological Restoration	1,295,000	580,000				1,875,000	1,087,624	787,376			Underway
1460 Brunton Park	75,000					75,000	75,182	2,000			Underway
1461 Memorial Park	200,000					200,000	167,822	64,000	13,178		Design Phase
1462 Cricket Pitch	9,500				-397	9,103	9,103				Completed
1472 Playground replacement program(2013)	250,000				1,853	251,853	251,853				Completed
1495 Bear Creek Eco Park Rehabilitation	25,000					25,000	8,610				Design Phase
1517 Heritage Park Bridge Replacements	120,000					120,000	49,972	51,000	2,000		Underway
1525 MacMorrison Park Pedestrian Bridge Replacement	75,000					75,000	63,397	2,003			Underway
1539 Queen's Park Tennis Court Rehabilitation	135,000					135,000	107,896	27,152			Underway
1557 Waterfront Heritage Walk Plaques/Displays	10,000					10,000	3,587	6,000			Underway
1596 Playground Replacement Program		160,000				160,000	4,002	160,000			Underway
1597 Playground Repl Prog-Sunnidale Park		250,000				250,000	2,243	250,000			Underway
Roads, Parks & Fleet Dept:											
1502 Clerks - Bylaw Pickup Truck (01-184)	30,000				-6,789	23,211	23,211				Completed
1578 Clerks - Bylaw Pickup Truck (01-120)		35,000				35,000		35,000			Underway
1579 Clerks - Courier Van (01-190)		30,000				30,000		30,000			Underway
1580 Clerks car (05-1037)		25,000				25,000		25,000			Underway
1587 Lkshore/Waterfront Pay & Display Machines & Signage		190,000				190,000	120,406	190,000			Underway
1478 2013 Additional Fleet - Approved Program Change	84,000				228	84,228	81,101	84,000			Completed
1543 Roads - Traffic Pickup (01-186)	30,000				2,013	32,013	32,013	356			Completed
1433 Downtown CCTV Cameras	250,000				-106,464	143,536	143,536				Completed
1598 Road and Sidewalk Patrol Application		40,000				40,000		40,000			Underway

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1541 Roads - Hydro Excavation Truck (99-414)	350,000				-13,275	336,725	336,725	330,877			Completed
1601 Roads - Rubber Tire Loader (06-8003)		200,000				200,000		200,000			Underway
1506 Downtown Sidewalk Replacement	65,000					65,000		65,000			Underway
1542 Roads - Salter/Sander (98-546, 99-548, 00-553)	555,000					555,000	8	554,992			Underway
1602 Roads - Sidewalk Tractor (01-212)		120,000				120,000		120,000			Underway
1603 Roads - Street Sweeper (05-706)		250,000				250,000		250,000			Underway
1559 WPCC - Water Van (00-162)	35,000				2,536	37,536	37,536				Completed
1345 Parks - Mid-size Dump Truck (02-308)	75,000				419	75,419	75,419				Completed
1470 Roads - One ton dump trucks (8 additional)	320,000				16,949	336,949	336,949	1,048			Completed
1534 Parks - Foreperson's Pickup truck (replacement)	35,000				-10,599	24,401	24,401				Completed
1595 Parks - Forestry Pick-up (03-1017)		30,000				30,000		30,000			Underway
1599 Road Patrol Pickup (04-1031)		35,000				35,000		35,000			Underway
1600 Road Patrol Pickup (05-1039)		35,000				35,000		35,000			Underway
Roads:											
0308 Ferndale: Tiffin - Dunlop	1,120,000	1,350,000				2,470,000	787,516	630,165	1,000,000		Underway
0339 Harvie Rd: Essa - Bryne	294,200					294,200	121,048	5,000	168,414		Design Phase
0377 Hanmer: Finlay - Bayfield	75,000					75,000			75,000		Underway
0469 Duckwth St- Bemick to Cundles	8,179,326	120,000				8,299,326	2,867,304	145,404	2,123,353	3,185,029	Underway
0537 1 & 15 Bayfield St.	200,000				-153,636	46,364	46,364				Completed
0538 Bayview Dr: Mapleview S 200 m	281,481				-7,265	274,216	274,216				Completed
0542 Ferndale Dr: Dunlop to Edgehill	2,297,017				-19,210	2,277,807	2,277,807	56			Completed
0544 Cundles Rd E: Livingstone to Duckworth	3,131,202					3,131,202	1,771,754	1,103,268	120,000	202,050	Underway
0545 Toronto St: Dunlop to Ross	1,767,192				-34,133	1,733,059	1,733,059				Completed
0546 Donald St: Wellington to Eccles	1,142,196					1,142,196	1,049,394	5,006			Substantially Complete
0547 Essa Rd: Ferndale to Coughlin	827,000					827,000	303,671	580,084	27,285		Underway
0615 Mapleview Dr E - Welham to Huronia	6,327,082				-151,219	6,175,863	6,175,863	(121,668)			Completed
0626 Essa Rd - Anne to Fairview	5,297,000					5,297,000	2,217,386	938,072	1,200,000		Underway
0679 Retaining Wall - Shanty Bay/Blake	314,887				50	314,937	314,937	43			Completed
0683 Duckworth Collector Road	834,952					834,952	487,697	326,072	40,176		Underway
1120 Ross St - Wellington to Toronto	1,067,913					1,067,913	970,040	45,554			Substantially Complete
1135 Mapleview Dr E - Huronia to Country	895,000					895,000	493,765	404,715	242		Design Phase
1224 Lakeshore Dr: Toronto-Victoria	655,000	3,078,000	342,000			4,075,000	561,550	3,219,179	389,744		Underway
1237 Georgian Dr: Georgian College E	477,938				132,873	610,811	610,811				Completed
1275 Little Ave: Fairview-Jane Lv 3	1,800				5,792	7,592	7,592	65			Completed
1287 Johnson St: Hickling-Steele	399,521				463	399,984	399,984	32			Completed
1306 Williams Street Drainage Outlet	386,750					386,750	372,752	250			Substantially Complete
1383 Huronia Rd Rail S of Herrell	165,000					165,000	156,014	1,000			Substantially Complete
1384 Huronia Rd Rail S of Ellis	165,000					165,000	156,626	1,000			Substantially Complete
1385 Servicing - Royal Oak/Gables	105,000					105,000	19,541	93,521			Design Phase
1386 Little Av Rail W Huronia	177,000					177,000	159,051	1,000			Substantially Complete
1400 Dunlop Tiffin/Miller Inter Imp	1,203,000	300,000				1,503,000	24,942	557,000			Underway
1401 Essa Road Level Rail Crossing	175,000					175,000	74,720	72,159	40,000		Design Phase
1404 Mapleview Dr/25th & City Rd 27	91,500					91,500	842	90,658			Underway
1507 Dunlop Street West - Anne to Eccles - Level 3	39,000	540,500				579,500	16,970	502,000	63,876		Underway
1508 Dunlop Street West - Eccles to Toronto	50,000	200,000				250,000	11,283	197,909	48,639		Underway
1513 Grove Street - Duckworth to Nelson - Level 3	17,000					17,000	4,985	4,000	9,520		Design Phase
1514 Grove Street East - Peel to Davidson - Level 3	5,000					5,000	6,044	3,500			Underway
1518 Highland Avenue - Rodney to Cook	18,000	350,000				368,000	11,195	307,573	54,842		Underway
1523 Little Avenue Retaining Wall	110,000					110,000	27,087	82,860			Design Phase
1531 Mountbatten Road and Rodney Street - Design	91,000		1,820,000			1,911,000	52,799	50,323	1,600,000	231,301	Design Phase
1544 Rose Street - St. Vincent to Blue Mound	11,000					11,000	7,774	2,000	6,717		Design Phase

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1546 Sanitary Servicing - Jean, Tyndale	20,000					20,000	9,324	8,100	4,860		Design Phase
1548 Sunnidale Road - Cundles to Letitia - Level 3	431,351					431,351	246,388	175,000	4,731		Underway
1553 Victoria Street - Bradford to Ellen - Level 3			32,400			32,400					Not Started
1554 Victoria Street - Ellen to Lakeshore		370,000	45,000			415,000		370,000	45,000		Underway
1558 Welham Road - Ellis to Hamilton	14,000	440,000				454,000	8,644	451,104			Underway
1570 Bayview Dr - Holgate to Tower	10,000	380,000			375,000	765,000	18,571	387,235			Underway
1589 Mapleview Dr E - Country Lane to Yonge		262,300				262,300	1,435	221,000	41,300		Underway
1591 Morrow Rd - Patterson to Ardagh		52,700				52,700	20	35,500	17,200		Design Phase
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington		72,500				72,500	333	62,500	10,000		Design Phase
1594 North Shore A Neighborhood Renewal		585,000			215,000	800,000	12,597	585,000			Underway
1606 Tiffin St Underpass Cost Sharing with MTO		300,000			140,000	440,000	440	335,000	15,000		Underway
1608 Welham Rd - Mapleview to Churchill Level 3		13,200				13,200		11,650	1,550		Design Phase
Rodney St: Blake to Kempenfelt					18,400	18,400					Not Yet Approved
Sidewalk:											
0308 Ferndale: Tiffin - Dunlop	3,000					3,000		3,000			Design Phase
0469 Duckwrth St- Bernick to Cundles	160,210					160,210	9,272	30,184	50,000	71,098	Underway
0544 Cundles Rd E - Livingstone to Duckworth	187,644					187,644	17,997	160,268	11,902		Underway
0547 Essa Rd: Ferndale-Coughlin	6,000					6,000		6,000			Design Phase
0615 Mapleview Dr: Welham-Huron	115,120				11,637	126,757	126,757				Completed
0626 Essa Road - Anne to Fairview	7,000					7,000	1,190	6,072			Design Phase
0683 Little Lake Drive Realignment - Duckworth to Cundles	46,871					46,871	5,544	35,050	7,387		Underway
1120 Ross St - Wellington to Toronto	155,000				-29,772	125,228	125,228				Completed
1224 Lakeshore Dr: Toronto-Victoria	20,000	170,000				190,000	37,271	130,000	28,741		Underway
1237 Georgian Drive - Georgian College	9,249				32,103	41,352	41,352				Completed
1306 Williams Street Drainage Outlet	55,736				-21,074	34,662	34,662				Completed
1385 Servicing - Royal Oak/Gables	5,000					5,000	524	1,150	3,520		Design Phase
1508 Dunlop Street West - Eccles to Toronto	6,000					6,000	1,101	5,660			Design Phase
1509 Essa Road Sidewalk - Mapleview south for 130 metres	26,000					26,000	16,870				Substantially Complete
1518 Highland Ave - Rodney to Cook		10,000				10,000		8,000	2,000		Underway
1531 Mountbatten Road and Rodney Street - Design	8,500	262,000	170,000			440,500	3,160	250,000	180,000	8,337	Underway
1546 Sanitary Servicing - Jean, Tyndale	5,000					5,000	1,017	2,150	2,312		Design Phase
1554 Victoria Street - Ellen to Lakeshore		31,000				31,000		25,000	6,000		Underway
1584 Edgehill Drive - Sidewalk		70,000				70,000	577	70,000			Underway
1585 Essa Rd - Sidewalk Extension		55,000				55,000	73	55,000			Underway
1589 Mapleview Dr E - Country Lane to Yonge		14,000				14,000	62	14,000			Design Phase
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington		9,500				9,500	38	6,500	3,000		Design Phase
Rodney St: Blake to Kempenfelt					5,000	5,000					Not Yet Approved
Storm:											
0307 Kidd's Crk: Eccles - Sophia	45,000					45,000	28,448	18,300			Design Phase
0308 Ferndale: Tiffin - Dunlop	50,019					50,019	13,443	26,536			Design Phase
0339 Harvie Rd : Essa - Bryne	6,000					6,000	261		5,739		Design Phase
0362 County Rd 27/CN RailL: Bear Crk	550,000					550,000			550,000		Underway
0469 Duckwrth St- Bernick to Cundles	298,491					298,491	66,475	64,771	120,000	49,544	Underway
0544 Cundles Rd E - Livingstone to Duckworth	847,166					847,166	416,635	451,055	12,053		Underway
0547 Essa Rd: Ferndale-Coughlin	8,000					8,000		8,000			Design Phase
0615 Mapleview Dr E - Welham to Huronia	694,773				-5,784	688,989	688,989				Completed
0626 Essa Road - Anne to Fairview	64,000					64,000	60,807	22,776			Design Phase
0683 Little Lake Drive Realignment - Duckworth to Cundles	211,997					211,997	38,940	175,251	7,033		Underway

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1120 Ross St - Wellington to Toronto	281,567				-22,535	259,032	259,032				Completed
1135 Mapleview Dr E:Huronia-Country	40,000					40,000	15,103	25,825			Design Phase
1143 Arch Brown Crl Realignment	794,932				5,634	800,566	800,566				Completed
1208 Shirley St Storm Drain	445,000				57,914	502,914	502,914	1,784			Completed
1224 Lakeshore Dr:Toronto-Victoria	80,000	2,190,000				2,270,000	69,659	2,200,000	12,154		Underway
1231 Bunkers Cr: Wellington Pl-Donald -N. of Wellington	2,024,000					2,024,000	1,922,588	6,249			Substantially Complete
1237 Georgian Drive - Georgian College	47,567				4,280	51,847	51,847				Completed
1306 Williams St Drainage PH2 2011	1,991,850				-74,196	1,917,654	1,917,654	7,390			Completed
1480 71 Duckworth Drainage Improvement	15,000					15,000	11,849	3,100			Design Phase
1508 Dunlop Street West - Eccles to Toronto	32,000					32,000	2,565	30,274			Design Phase
1518 Highland Avenue - Rodney to Cook	18,600	150,000				168,600	7,965	155,030	7,848		Underway
1531 Mountbatten Road and Rodney Street - Design	33,000	103,000	660,000			796,000	14,101	11,054	774,890		Underway
1546 Sanitary Servicing - Jean, Tyndale	10,000					10,000	4,108	5,150	2,288		Design Phase
1554 Victoria Street - Ellen to Lakeshore		117,000				117,000		110,000	7,000		Underway
1567 Shirley Ave - Stormwater	130,000					130,000	30,621	109,261			Design Phase
1589 Mapleview Dr E - Country Lane to Yonge		142,300				142,300	780	142,300			Underway
1591 Morrow Rd - Patterson to Ardagh		21,000				21,000	6	19,000	2,000		Design Phase
1592 Mulcaster St Storm Outlet		79,000				79,000		55,500	23,500		Underway
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington		50,000				50,000	230	45,000	5,000		Design Phase
0544 Cundles Rd E: Livingstone to Duckworth	1,528,429					1,528,429	519,921	1,101,876	102,254		Underway
1376 Little Lake - Pd Cardinal-St V	86,000				6,418	92,418	92,418	500			Completed
1407 Bear Crk SWM Pond 8a Reh	435,000					435,000	22,036	405,000	8,000		Design Phase
1408 Bear Crk SWM Pond 8b Reh	410,000					410,000	21,021	380,000	8,000		Design Phase
1536 Pond LV4 - East of Bayview	75,000	800,000				875,000	15,002	851,374	15,000		Underway
1537 Pond LV5 - East Of Bayview	75,000	800,000				875,000	12,320	851,374	15,000		Underway
1538 Pond LV6 - East of Bayview, North of Lockhart	75,000	800,000				875,000	12,062	851,374	15,000		Underway
1586 Kidds Cr Storm Grate for Storm Pond KD1		25,700				25,700	768	25,700			Design Phase
1604 Sun King Pond Retrofit (HW9)		250,000			-235,934	14,066	14,066				Completed
1222 Whiskey Cr Fldway:Brennan-Boul	58,000					58,000	14,267	34,200	10,000		Design Phase
1224 Lakeshore Dr:Toronto-Victoria	3,000		45,000			48,000	35,744		18,440		Design Phase
1269 Whiskey Cr: N> of Brennan	464,000	325,000				789,000	41,241	497,675	250,000		Underway
1304 Lakeshore Dr: Victoria-Tiffin	120,000		405,000			525,000	253,643		288,697		Design Phase
1314 Dymont's Creek Erosion Remediation	200,000					200,000	151,804	2,000			Substantially Complete
1508 Dunlop Street West - Eccles to Toronto	96,200					96,200	8,973	70,369	19,606		Design Phase
1577 Bunkers Cr - Shirley Ave to Hwy 400		100,000				100,000	44	75,000	25,000		Underway
Rodney St: Blake to Kempenfelt					24,000	24,000					Not Yet Approved
Street Lighting:											
0308 Ferndale : Tiffin-Dunlop	25,000					25,000	2,850	15,000	7,271		Design Phase
0469 Duckwth St- Bemick to Cundles	286,184					286,184	18,386	5,179	50,000	213,593	Underway
0544 Cundles Rd E - Livingstone to Duckworth	314,317					314,317	24,292	295,929			Underway
0547 Essa Rd: Ferndale-Coughlin	10,000					10,000		10,000			Design Phase
0615 Mapleview Dr: Welham-Huron	191,150				7,148	198,298	198,298				Completed
0626 Essa Rd: Anne to Fairview	50,000					50,000	15,589	37,205			Design Phase
0683 Duckworth Collector Road	57,640					57,640	4,537	53,297			Underway
1139 Infill Street Lighting	100,000					100,000	40,497				Underway
1224 Lakeshore Dr:Toronto-Victoria	50,000		850,000			900,000	43,017	400	860,738		Design Phase
1237 Georgian Drive - Georgian College	6,499				-656	5,843	5,843				Completed
1385 Bay Lane Sanitary Servicing	15,000					15,000	10,023	300	4,677		Design Phase
1518 Highland Ave - Rodney to Cook		10,000				10,000		10,000			Underway
1531 Mountbatten Road and Rodney Street - Design	3,500		70,000			73,500	5,301	426			Design Phase

APPENDIX A: CAPITAL PROJECT STATUS
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Description	Previously Approved Capital Budget \$	2014 Approved Budget \$	Future Yrs Budget \$	Previously Approved Adjustments \$	Pending Adjustments \$	Revised Budget \$	Total Spent to Date \$	2014 Spending Plan \$	2015 Spending Plan \$	2016 Spending Plan \$	Status
1546 Sanitary Servicing - Jean, Tyndale	10,000					10,000	2,034	4,200	4,723		Design Phase
1554 Victoria Street - Ellen to Lakeshore		160,000				160,000		160,000			Underway
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington Rodney St. Blake to Kempenfelt		6,600			5,000	6,600	26	4,000	2,600		Design Phase
						5,000					Not Yet Approved
Traffic Signals:											
0469 Duckwith St- Bemick to Cundles	1,030,133					1,030,133	90,200	208,704	210,000	548,020	Underway
0544 Cundles Rd E - Livingstone to Duckworth	150,885					150,885	31,048	120,354			Underway
0615 Mapleview Dr East - Welham to Huronia	211,691				-511	211,180	211,180				Completed
0626 Essa Road - Anee to Fairview	93,000					93,000	75,676	38,097			Design Phase
0645 Georgian Dr/RVH Entrance - Signals	70,731					70,731	70,731				Substantially Complete
1001 Cundles Road East/ Lion's Gate Boulevard Signals	198,018					198,018	51,782	150,616			Underway
1003 Cundles Road East/ Home Depot Entrance Signals	43,467					43,467	51,910	40,963			Underway
1120 Ross St-Wellington Local Main)	119,214				-10,262	108,952	108,952				Completed
1135 Mapleview Dr East - Huronia to Country Lane	5,000					5,000		5,000			Design Phase
1224 Lakeshore Drive - Toronto to Tiffin		310,000				310,000	3,810	311,431			Design Phase
1237 Georgian Drive - Georgian College	127,152				-23,720	103,432	103,432				Completed
1324 Dymont Rd & Tiffin St - Traffic Signals	25,000				-17,447	7,553	7,553				Completed
1325 Yonge St & Esther Dr - Traffic Signals	25,000				-13,088	11,912	11,912				Completed
1326 Yonge St & Country Ln - Traffic Signals	25,000				-14,175	10,825	10,825				Completed
1327 Hanmer StE- St. Vincent StTraffic Signals	160,000					160,000	141,025	1,707			Substantially Complete
1328 Madelaine Dr-Esther Dr- Traffic Signals	160,000					160,000	140,989	1,000			Substantially Complete
1329 Hanmer St E- Stanley St- Traffic Signals	140,000					140,000	124,359	1,000			Substantially Complete
1373 Ardagh Road & Mapleton Avenue	160,000					160,000	145,191	1,000			Substantially Complete
1374 Summerset Drive & Hawkins	155,000					155,000	113,380	1,000			Substantially Complete
1394 Anne Street Central System	25,000					25,000	22,018	2,500			Underway
1398 Collier St & Clapperton Traf	140,000				-6,818	133,182	133,182				Completed
1403 Mapleview Drive Central System	25,000					25,000	22,911	2,250			Underway
1405 Marsellus Drive - IPS Tra Sig	65,000				-5,496	59,504	59,504				Completed
1406 McKay Rd&VeteransTraff Sig	80,000				-5,127	74,873	74,873				Completed
1411 System Surveillances	20,000				493	20,493	20,493				Completed
1413 Yonge Street Central System	25,000					25,000	7,161	17,500			Underway
1494 Bayfield Street & Livingstone Street - Advanced Phases	30,000					30,000	8,095	21,905			Underway
1515 Hanmer Street - Flashing 40 km/hr Variable Message	15,000					15,000		15,000			Underway
1526 Mapleview Drive & Veterans Drive - Advanced Phases	15,000				-1,131	13,869	13,869				Completed
1549 The Queensway Pedestrian Signal	90,000					90,000	80,317	1,000			Substantially Complete
1550 Traffic Signal Installation	30,000					30,000	875	23,250	6,750		Design Phase
1576 Bayview Dr - IPS Traffic Signals		65,000				65,000	611	64,250	750		Underway
1589 Mapleview Dr E - Country Lane to Yonge		15,000				15,000	94	15,000			Underway
1590 Marsellus Dr-Sundew/Timothy IPS Traffic Signals		65,000				65,000	729	64,250	750		Underway
Transit:											
1271 Fare Collection System	945,000					945,000	9,489		935,511		Underway
1357 Transit - Fleet Expansion for 2013 Service Plan	900,000					900,000	831,630	55,000			Substantially Complete
1457 Real-time Passenger Info System	300,000					300,000	198,432	101,000			Underway
1535 Plan for Transit Implementation	100,000				-662	99,338	99,338	688	()		Completed
1551 Transit Bus Replacements (for 2013)	925,000					925,000	887,592	30,000	(37,408)		Substantially Complete
1607 Transit Bus Replacements (for 2014)		1,800,000				1,800,000		1,980,000			Underway
1455 BACTS Bus (replacement)	95,000				-4,780	90,220	90,220		()		Completed
1574 BACTS Bus (replacement)		320,000				320,000		320,000			Underway

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Transportation Studies:											
0119 Dunlop - Anne to Leacock	128,000				65,000	193,000	179,536	5,000			Underway
0651 Harvie Rd/Big Bay Point Class EA	600,000					600,000	281,045	274,905	73,825		Underway
0689 Bryne Dr - South of Essa to Caplan Class EA	150,000					150,000	141,744	6,000	2,256		Underway
1581 Duckworth St EA - Grove to St Vincent		86,000				86,000		70,000	16,000		Underway
1582 Dunlop St EA-Toronto-Mulcaster		86,000				86,000	12,413	66,000	2,000		Underway
Wastewater:											
1545 Sanitary Servicing - Foster, Merrett, Garson	86,000					86,000	2,396	40,000	43,604		Underway
0135 WPCC Pre-Design/ Phase II Expansion	87,900,000				2,500,000	90,400,000	87,753,688	3,770,691			Substantially Complete
0308 Ferndale: Tiffin - Dunlop	20,000					20,000	3,601	7,733			Design Phase
0339 Harvie Rd: Essa - Bryne	10,200					10,200	320		9,880		Design Phase
0469 Duckwth St- Bemick to Cundles	1,069,455					1,069,455	232,872	752,022	88,005		Underway
0544 Cundles Rd E - Livingstone to Duckworth	3,873					3,873	15,878	34			Underway
0547 Essa Rd: Ferndale to Coughlin	20,000					20,000	12,628	7,436			Design Phase
0615 Mapleview Dr E - Welham to Huronia	192,500				-3,637	188,863	233,863				Completed
0626 Essa Rd.: Anne to Fairview	25,000				18,000	43,000	26,285	37,399			Design Phase
0640 Co-generation & Biogas Treatment	600,000					600,000	203,186	252,232	150,000		Design Phase
0641 WPCC Inlet Works Conversion	500,000					500,000	434,100	139,437			Design Phase
0690 Oro-Medonte Biosolids Facility	21,505,227					21,505,227	21,468,495	220,000	30,000		Substantially Complete
1120 Ross St - Wellington to Toronto	384,405				-25,175	359,230	359,230				Completed
1317 Scum Conveyance	630,500					630,500	474,792	60,000			Design Phase
1334 Raw Sewage Pump #3	250,000					250,000	87	250,000			Underway
1385 Sanitary Serv- Royal Oak/Gables/Cottage Lane	310,000					310,000	316,095	18,000	2,623		Underway
1389 High Purity Oxygen S Study	95,000					95,000	17,897	77,147			Design Phase
1434 BSF - Storage Tanks Replacement of Mixers	50,000					50,000	24,633	25,411			Design Phase
1435 Inlet Works Screen Installations	5,500,000	500,000				6,000,000	997	860,000	1,000,000	500,000	Underway
1436 Lagoon Overf Piping Feasibil	25,000					25,000	13,921	11,123			Design Phase
1437 Raw Sludge Pump	583,345					583,345	34,646	450,000	80,000	20,000	Underway
1438 Return Activated Sludge Piping Replac	379,253					379,253	25,164	260,000	60,000	30,000	Underway
1439 Struct Repair Aerobic React Tanks # 1 and 2	600,000			200,000		800,000	17,303	589,554			Underway
1440 Structural Repair for RBC Influent Channels	50,000					50,000	2,782				Underway
1441 Structural Repair of Filters Tank # 1 & 2 Weirs	300,000			75,000		375,000	6,323	295,588			Underway
1442 Structural repair Tanks Secondary Clarifier 4	250,000			100,000		350,000	2,782	248,059			Underway
1443 WPCC - Master Space Plan and Sequencing Strategy	300,000					300,000	122,225	177,906			Design Phase
1446 Wastewater - Treatment Facility Security WPCC	100,000					100,000	5,752	94,939			Underway
1447 Wastewater - UNOX Gates	100,000			100,000		200,000	426	99,623			Underway
1469 WwTF Boiler Replacement Project	230,000					230,000	98,367	(216,478)			Underway
1481 Advanced Nutrient Removal at WPCC	429,082					429,082	189,493	86,191			Design Phase
1507 Dunlop Street West - Anne to Eccles Level 3		365,000				365,000		365,000			Underway
1508 Dunlop Street West - Eccles to Toronto	30,000					30,000	3,705	21,431	6,843		Design Phase
1518 Highland Avenue - Rodney to Cook	13,600	90,000				103,600	9,541	96,177			Underway
1531 Mountbatten Road and Rodney Street - Design	35,000	85,000	700,000			820,000	29,964	13,557	782,704		Underway
1540 RBC Removal	20,000					20,000		20,000			Design Phase
1546 Sanitary Servicing - Jean, Tyndale	55,000					55,000	26,685	23,200	12,153		Design Phase
1556 Wastewater Outfall Pipe Condition Assessment	100,000					100,000	431	100,000			Design Phase
1569 Advanced Nutrient Removal at WwTF - Interim Solution	160,000	4,162,000	3,312,000		-7,500,000	134,000	31,613	4,322,000			Underway
1572 Advanced Nutrient Removal at WwTF - Ultimate Solution		1,650,000	2,850,000			4,500,000		1,650,000	2,850,000		Design Phase
1589 Mapleview Dr E - Country Lane to Yonge		130,300				130,300	718	98,000	32,300		Design Phase
1591 Morrow Rd - Patterson to Ardagh		7,000				7,000		5,150	1,850		Design Phase
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington		36,600				36,600	166	31,600	5,000		Design Phase
Rodney St: Blake to Kempenfelt					5,000	5,000					Not Yet Approved

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Lakeshore Drive Twinned Outfall					550,000	550,000					Not Yet Approved
Wastewater Operations:											
1388 Oro Biosolids Fac- Forklift	50,000					50,000	39,053	10,739			Underway
1555 Wastewater - Security Monitoring & Gates (BSF)	225,000					225,000		225,000			Design Phase
1254 Process Instrumentation	135,000					135,000	95,892	39,108			Underway
1015 Polymer System	70,000					70,000	23,578		46,422		Design Phase
1019 UV DIS Ventilation	30,000				-4,851	25,149	25,149				Completed
1022 Grounding St WPC	100,000					100,000	28,486	71,514			Design Phase
1023 Secondary Scum	20,000				-253	19,747	19,747				Completed
1060 Plant Paving System	50,000					50,000	28,358	22,286			Underway
1225 Corealis Meters	50,000					50,000	16,101	34,604			Underway
1335 Storage Mezzanine	35,000					35,000	34,980	7,811			Underway
1360 12" Portable Pump/Piping	150,000					150,000		150,000			Underway
1444 Wastewater - Automatic Valves and Flowmetres	319,100					319,100	58,934	100,000	81,177	81,177	Underway
1445 Wastewater - Tertiary Filter PLC Replacement	50,000				-32,994	17,006	17,006				Completed
1552 TWAS Thickening - RDT Drum	90,000					90,000	86,773	3,227			Underway
Water:											
0184 Surface Water Treatment Plant	146,553,990					146,553,990	145,490,540	560,123			Substantially Complete
0227 Sunnidale Reservoir	16,252,523	400,000				16,652,523	13,367,807	541,016			Underway
0308 Ferndale: Tiffin - Dunlop	16,000					16,000	1,669	11,967			Design Phase
0315 Anne St N: Letitia- Cundles	778,223					778,223	777,986				Completed
0413 Boulton Court Well 19 and Pumphouse	882,000					882,000	823,216				Design Phase
0415 Perry St Well 4 Replacement Solution	615,000					615,000	558,131	4,149			Design Phase
0417 Harvie Road Booster Pumping Stn	5,324,330					5,324,330	5,309,580	15,232			Underway
0469 Duckwith St- Bernick to Cundles	502,122					502,122	39,553	150,302	300,000	14,181	Underway
0544 Cundles Rd E: Livingstone to Duckworth	539,322					539,322	330,421	220,659	10,185		Underway
0546 Donald St: Wellington to Eccles	352,160				1,280	353,440	353,440				Completed
0569 Sunnidale - Letitia to Wellington	250,900				452,400	703,300	205,316	3,000			Underway
0576 Harvie Road - Essa to County Road 27	3,014,800				-129,045	2,885,755	2,885,755	41			Completed
0615 Mapleview Dr E - Welham to Huronia	358,590				2,448	361,038	361,038				Completed
0630 Tiffin St - Well 7 to Ferndale	90,000					90,000	85,252	3,000	1,748		Design Phase
0631 Tiffin St - Well 7 to Anne	115,000					115,000	115,488	2,512			Design Phase
0632 Mapleview Drive West - Veteran's to Elevated Tower	99,000	1,300,000				1,399,000	40,605	1,223,196	141,351		Underway
0675 Mapleview Dr Supply - Mapleview to ET	704,500					704,500	676,085	14			Substantially Complete
1120 Ross Sr - Wellington to Toronto	589,993				-26,680	563,313	563,313				Completed
1144 Anne Street Watermain crossing Highway 400	1,573,000				-121,044	1,451,956	1,451,956				Completed
1224 Lakeshore Drive - Toronto to Tiffin		640,000				640,000		600,000	40,000		Underway
1306 Williams Street Drainage Outlet	104,690				-10,636	94,054	94,054				Completed
1307 Sunnidale Rd : Letitia to reservoir #2	1,411,000				31,271	1,442,271	1,442,271	49			Completed
1308 Sunnidale Rd: Cundles-Pump Stn	500,649				153,700	654,349	654,349	28			Substantially Complete
1311 Mapleview Water Tower De-Icing	340,000					340,000	318,881	21,194			Underway
1358 Mapleview Drive West - County Road 27 to Red Oak	24,000					24,000	3,517	20,832			Design Phase
1378 Ardagh Ferndale Water Quality Sampling Station	38,000	20,000		(20,000)		38,000	48,885	20,000			Design Phase
1379 Leacock Drive - Thackeray to Browning	390,000					390,000	458,943				Substantially Complete
1385 Servicing - Royal Oak/Gables	36,000					36,000	4,210	33,000	342		Design Phase
1392 Cathodic Protection - Phase 1	420,000					420,000	362,276	58,210			Substantially Complete
1393 3 PRV - Zone 3N to Zone 2N	702,500					702,500	434,319	269,331			Underway
1396 Big Bay Trans.-SWTP-Sandri	892,500					892,500	900,744	504			Underway
1409 PRV - Hemingway Cr&Fox R	230,000					230,000	220,836	3,000			Substantially Complete
1448 PRV & Chambers Condition Assess& Strat Investment	400,000	300,000	250,000			950,000	26,443	680,421	250,000		Underway

APPENDIX A: CAPITAL PROJECT STATUS
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1465 Sophia St E: Clapperton-Owen	218,000				-5,385	212,615	212,615				Completed
1468 Edgehill Dr: Leacock & Engel(West Leg)	200,000				5,894	205,894	205,894				Completed
1499 Cathodic Protection - Phase 2	30,000	450,000				480,000	7,422	479,521			Underway
1504 County Road 27 - Harvie to Hubbard	48,000	862,000				910,000	37,932	883,892			Underway
1505 County Road 27 - Hubbard to Mapleview	30,000	700,000				730,000		650,000	80,000		Underway
1507 Dunlop Street West - Anne to Eccles - Level 3	21,000	835,000				856,000	31,706	800,000	26,096		Underway
1508 Dunlop Street West - Eccles to Toronto	23,000					23,000	2,000	13,562			Design Phase
1518 Highland Avenue - Rodney to Cook	5,800	150,000				155,800	5,601	150,009	917		Underway
1531 Mountbatten Road and Rodney Street - Design	36,000		720,000			756,000	15,924	7,558	725,000	8,246	Design Phase
1561 Bulk Water Fill Station	100,000					100,000	119,587	63,611			Underway
1570 Bayview Dr - Holgate to Tower	10,000	353,000				363,000	16,635	117,236			Underway
1589 Mapleview Dr E - Country Lane to Yonge		5,000				5,000	31	5,000			Design Phase
1591 Morrow Rd - Patterson to Ardagh		34,300				34,300	11	34,000	300		Design Phase
1593 Mulcaster, Dunlop, Poyntz, Berczy to Codrington		100,800				100,800	473	75,800	25,000		Design Phase
1605 Sunnidale Rd - Anne to Letitia		878,400				878,400	1,158	878,400			Underway
Rodney St: Blake to Kempenfelt					6,400	6,400					Not Yet Approved
Garrett Crescent Water Main Lining					200,000	200,000					Not Yet Approved
Thomson - Emergency Main Replacement					290,000	290,000					Not Yet Approved
TOTAL	520,471,161	60,888,300	33,416,364	-960,964	-11,404,962	602,409,899	427,286,047	95,404,024	60,861,881	12,423,746	

APPENDIX B-1: NEW CAPITAL PROJECTS
As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Funding Adjustment	Sources of Funding		
				Tax Capital Reserve	Water Reserve Fund	Wastewater Reserve Fund
Facilities:						
Fire Station #3 - Roof Replacement	-	65,000	65,000	65,000		
Fire Station #4 - Roof Replacement	-	35,000	35,000	35,000		
Information & Communications Technology:						
Cityworks Performance Improvements	-	298,000	298,000	149,000	149,000	
Roads:						
Rodney Street – Blake to Kempenfelt	-	63,800	63,800	52,400	6,400	5,000
Penetanguishene Road / North Shore Neighbourhood A	-	215,000	215,000	215,000		
1570 Bayview Dr - Burton to Glenridge	390,000	765,000	375,000	375,000		
Wastewater:						
Wastewater Treatment Plant Twin Effluent Pipe	-	550,000	550,000			550,000
Water:						
Garrett Crescent Water Main Lining	-	200,000	200,000		200,000	
Thomson - Emergency Main Replacement	-	290,000	290,000		290,000	
Grand Total	390,000	2,481,800	2,091,800	891,400	645,400	555,000

APPENDIX B-2: NEW CAPITAL PROJECTS - FUNDING REQUEST
As at: April 30, 2014

Reserve / Funding Source	Account #	Committed Funding Adjustment
Tax Capital Reserve	13-04-0440	\$ 891,400
Water Reserve Fund	12-05-0580	\$ 645,400
Wastewater Reserve Fund	12-05-0575	\$ 555,000
	Total	\$ 2,091,800

APPENDIX C-1: PROJECTS WITH EXCESS COMMITTED FUNDING

As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Excess Funding	Sources of Funding								Other Source Description	
				Tax Capital Reserve	Tax Rate Holding Acct	Development Charges	Water Reserve Fund	Water Holding Acct	Wastewater Reserve Fund	Wastewater Holding Acct	Other Source		
Active Projects:													
CULVERTS:													
1224 Lakeshore Dr-Toronto-Victoria	3,900,000	3,900,000	-	(50,000)								50,000	Developer agreement
PARKS:													
1596 Playground Replacement Program	160,000	160,000	-	(24,000)								24,000	Donation
ROADS:													
0546 Donald St: Wellington to Eccles	1,142,196	1,142,196	-	(29,652)								29,652	Infrastructure Stimulus Funding
WATER:													
1396 Big Bay Trans.-SWTP-Sandringham	892,500	892,500	-			490,875	(490,875)						
Sub-total	6,094,696	6,094,696	-	(103,652)	-	490,875	(490,875)	-	-	-	-	103,652	
Completed Projects:													
CULVERTS:													
0615 Mapleview Dr: Welham-Huronia	487,101	486,405	(696)			(696)							
1120 Ross St: Wellington-Toronto	569,515	536,556	(32,959)			(32,959)							
1209 Redfern Ave Culvert	621,689	606,675	(15,014)			(15,014)							
1294 County Rd 30 Culvert Bear Cr	370,000	344,441	(25,559)			(25,559)							
0545 Toronto St: Dunlop to Ross	1,556,457	1,556,457	-			15,641						(15,641)	Federal Gas Tax
FACILITIES:													
1466 University Lands	2,700,000	1,574,770	(1,125,230)	(971,336)		(153,894)							
1276 City Hall Replace All Roofs	880,000	879,479	(521)			(521)							
1419 BFES 65 Vespra - Demol	420,000	341,191	(78,809)	(36,809)		(42,000)							
1339 Police (29 Sperling) - Roof Replacement	600,000	496,955	(103,045)	(43,045)		(60,000)							
FIRE:													
1332 Communications Equip- Fire Radio Infrastructure	200,000	194,616	(5,384)			(5,384)							
1333 Communications Equipment - Mobile Radios	77,254	77,226	(28)			(28)							
1497 BFES - Fire Dept Van	40,000	38,443	(1,557)			(1,557)							
PARKS:													
1462 Cricket Pitch	9,500	9,103	(397)			(397)							

APPENDIX C-1: PROJECTS WITH EXCESS COMMITTED FUNDING

As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Excess Funding	Sources of Funding								Other Source	Other Source Description
				Tax Capital Reserve	Tax Rate Holding Acct	Development Charges	Water Reserve Fund	Water Holding Acct	Wastewater Reserve Fund	Wastewater Holding Acct			
ROADS & PARKS DEPT:													
1433 Downtown CCTV Cameras	250,000	143,536	(106,464)	(6,464)	(25,000)							(75,000)	Service Partner Contribution
1502 Clerks - Bylaw Pickup Truck (01-184)	30,000	23,211	(6,789)	(3,789)	(3,000)								
1541 Roads - Hydro Excavation Truck (99-414)	350,000	336,725	(13,275)		(13,275)								
1534 Parks - Foreperson's Pickup truck (replacement)	35,000	24,401	(10,599)	(7,099)	(3,500)								
ROADS:													
0537 1 & 15 Bayfield St.	200,000	46,364	(153,636)		46,364							(200,000)	Debt
0538 Bayview Dr: Mapleview S 200 m	281,481	274,216	(7,265)		(1,406)	(5,859)							
0542 Ferndale Dr: Dunlop to Edgehill	2,297,017	2,277,807	(19,210)		(6,430)	(12,780)							
0545 Toronto St: Dunlop to Ross	1,767,192	1,733,059	(34,133)		(9,242)	(24,891)							
0615 Mapleview Dr E - Welham to Huronia	6,327,082	6,175,863	(151,219)		(38,906)	(112,313)							
SIDEWALK:													
1120 Ross St - Wellington to Toronto	155,000	125,228	(29,772)	(9,460)	(15,500)	(4,812)							
1306 Williams Street Drainage Outlet	55,736	34,662	(21,074)	(15,500)	(5,574)								
STORM:													
0615 Mapleview Dr E - Welham to Huronia	694,773	688,989	(5,784)		(1,616)	(4,168)							
1120 Ross St - Wellington to Toronto	281,567	259,032	(22,535)		(18,893)	(3,642)							
1306 Williams St Drainage PH2 2011	1,991,850	1,917,654	(74,196)		(74,196)								
1604 Sun King Pond Retrofit (HW9)	250,000	14,066	(235,934)	(210,934)	(25,000)								
0625 Bunkers Creek: Storm Sewer Ph 2	739,231	739,231	-		(19,053)							19,053	Federal Gas Tax
0491 Bunkers Creek - SWM Pond (Ops Ctr)	3,981,299	3,981,299	-		76,020	(22,279)						(53,741)	Federal Gas Tax
1047 Dunlop Street/Mary Street	2,205,949	2,205,949	-		18,567							(18,567)	Federal Gas Tax
0121 Anne St: Hotchkiss	1,185,408	1,185,408	-		15,921							(15,921)	Federal Gas Tax
0122 Anne St: Dyments	1,019,318	1,019,318	-		10,811							(10,811)	Federal Gas Tax
0488 Bunkers Creek - Milligan Pond	2,068,217	2,068,217	-		3,295							(3,295)	Federal Gas Tax
TRAFFIC SIGNALS:													
0615 Mapleview Dr East - Welham to Huronia	211,691	211,180	(511)		(511)								
1120 Ross St-Wellington Local Main)	119,214	108,952	(10,262)		(8,607)	(1,655)							
1398 Collier St & Clapperton Traf	140,000	133,182	(6,818)		(2,686)	(4,132)							
1405 Marsellus Drive - IPS Tra Sig	65,000	59,504	(5,496)		(5,496)								
1406 McKay Rd&VeteransTraff Sig	80,000	74,873	(5,127)		(2,020)	(3,107)							
1526 Mapleview Drive & Veterans Drive - Advanced Phases	15,000	13,869	(1,131)		(1,131)								
1324 Dymont Rd & Tiffin St - Traffic Signals	25,000	7,553	(17,447)	(4,373)	(2,500)	(10,574)							
1325 Yonge St & Esther Dr - Traffic Signals	25,000	11,912	(13,088)	(2,656)	(2,500)	(7,932)							
1326 Yonge St & Country Ln - Traffic Signals	25,000	10,825	(14,175)	(3,084)	(2,500)	(8,591)							
TRANSIT:													
1535 Plan for Transit Implementation	100,000	99,338	(662)		(150)	(512)							
1455 BACTS Bus (replacement)	95,000	90,220	(4,780)	(16,606)								11,826	Provincial Gas Tax & Ontario Bus Replacement Program

APPENDIX C-1: PROJECTS WITH EXCESS COMMITTED FUNDING

As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Excess Funding	Sources of Funding							Other Source	Other Source Description
				Tax Capital Reserve	Tax Rate Holding Acct	Development Charges	Water Reserve Fund	Water Holding Acct	Wastewater Reserve Fund	Wastewater Holding Acct		
WASTEWATER:												
1120 Ross St - Wellington to Toronto	384,405	359,230	(25,175)						(24,298)	(877)		
0615 Mapleview Dr E - Welham to Huronia	192,500	188,863	(3,637)							(3,637)		
1047 Dunlop Street/Mary Street	968,780	968,780	-						2,924		(2,924)	Federal Gas Tax
WASTEWATER OPERATIONS:												
1019 UV DIS Ventilation	30,000	25,149	(4,851)						(1,851)	(3,000)		
1023 Secondary Scum	20,000	19,747	(253)							(253)		
1445 Wastewater - Tertiary Filter PLC Replacement	50,000	17,006	(32,994)						(27,994)	(5,000)		
WATER:												
0315 Anne St N: Lelitia- Cundles	778,223	778,223	-									
0576 Harvie Road - Essa to County Road 27	3,014,800	2,885,755	(129,045)			(116,940)		(12,105)				
1120 Ross Sr - Wellington to Toronto	589,993	563,313	(26,680)			(2,566)		(24,114)				
1144 Anne Street Watermain crossing Highway 400	1,573,000	1,451,956	(121,044)			(18,788)		(102,256)				
1306 Williams Street Drainage Outlet	104,690	94,054	(10,636)					(10,636)				
1465 Sophia St E Clapperton-Owen	218,000	212,615	(5,385)				(5,385)					
0676 Salem Rd: Veterans to Saunders	1,036,495	1,036,495	-			(17,531)	(1,127)	(4,273)			22,932	Infrastructure Stimulus Funding
Sub-total	44,559,427	41,839,146	(2,720,281)	(1,255,623)	(537,893)	(360,793)	(6,512)	(153,384)	(51,219)	(12,767)	(342,089)	
Grand Total	50,654,123	47,933,842	(2,720,281)	(1,359,275)	(537,893)	130,082	(497,387)	(153,384)	(51,219)	(12,767)	(238,437)	

**APPENDIX C-2: SUMMARY OF EXCESS COMMITTED FUNDING
ADJUSTMENTS
As at: April 30, 2014**

Reserve / Funding Source	Account #	Committed Funding Adjustment
Tax Capital Reserve	13-04-0440	\$ 1,359,275
Tax Rate Holding Acct	13-04-0443	\$ 537,893
Development Charges - Water	11-05-0540	\$ (335,050)
Development Charges - Roads	11-05-0520	\$ 196,645
Development Charges - Transit	11-05-0550	\$ 512
Development Charges - Storm	11-05-0530	\$ 7,811
Water Reserve Fund	12-05-0580	\$ 497,387
Water Holding Acct	12-05-0581	\$ 153,384
Wastewater Reserve Fund	12-05-0575	\$ 51,219
Wastewater Holding Acct	12-05-0576	\$ 12,767
Federal Gas Tax	11-05-0596	\$ 101,847
Provincial Gas Tax	11-05-0595	\$ 2,986
Ontario Bus Replacement Program	11-05-0598	\$ (14,812)
Debt		\$ 200,000
Infrastructure Stimulus Funding		\$ (52,584)
Developer Agreement		\$ (50,000)
Donation		\$ (24,000)
Service Partner Contribution		\$ 75,000
Total		\$ 2,720,280

APPENDIX D-1: PROJECTS REQUIRING ADDITIONAL FUNDING - COUNCIL APPROVAL REQUIRED
As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Additional Funding Required	Sources of Funding					Other Source Description	Comments
				Tax Capital Reserve	Water Reserve Fund	Wastewater Reserve Fund	Development Charges	Other Source		
Active Projects (Require additional Council Approved funding):										
FACILITIES:										
1099 79 Bell Farm Road	2,695,000	3,052,000	357,000	357,000						Note that the construction portion of the project is essentially complete with the exception of the below. Additional requirements were identified near close of the project including code requirements, and resulting space needs at existing police facility. This also included a room enclosure and lower false ceiling to reduce the costs for the suppression system. Note that this suppression system can be relocated to the proposed First Responders campus. During Building Department inspections for Occupancy, it was identified that canopies at entrances/exits were required as a Health and Safety requirement to protect the users. The design was downsized to meet minimal requirements while still protecting the users and complying with the Building Dept requirements
1380 City Hall - Interim Accessibility Renovations	270,000	395,000	125,000	75,000				50,000	Grant	The construction portion of the project is essentially complete with the exception of the below. The renovation to the Clerk's, Finance and Planning customer service counters was undertaken to enhance Customer Service and AODA requirements. Scope had to be adjusted to allow for: a) Designated substances not previously identified were found and had to be removed under legislative requirements. b) Customized Security windows had to be installed to address staff Health & Safety and security concerns that were identified during the detail design. c) Smooth transitions between old and new finishes (ie. Tiling, wall finishes), that extended into the elevator lobby and also to the rotunda. d) Upon removal of the floor tile, a structural expansion joint had to be installed to properly transition a butt joint interface between the old and new buildings. In addition, Tender results over consultant estimates
1340 ARC - Replace B-MU 2 Change Rooms	51,000	140,000	89,000	89,000						This project is ready for tendering subject to approval of the additional funding requested herein. The Consultant's initial design and estimates omitted dehumidification and associated electrical.
1487 Allandale - Replace AC4	30,000	45,000	15,000	15,000						This project is complete. Additional costs were incurred during construction due to unknown building conditions
1292 Sports Complex:Ops & Maint Fac	282,500	482,500	200,000	200,000						Provide operational efficiencies in labor allowing minor maintenance, painting of ancillary equipment (ie benches, Picnic tables) during inclement weather when field maintenance cannot be performed. Asset deterioration and maintenance requirements are accelerated due to exposure to the elements. The current value of tractors and cutting equipment exceed \$200,000.00. Preventative maintenance can be regularly performed to maintain the life cycle of the equipment and reduced down time. Covered storage is also required for perishable goods that must be kept dry.

APPENDIX D-1: PROJECTS REQUIRING ADDITIONAL FUNDING - COUNCIL APPROVAL REQUIRED
As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Additional Funding Required	Sources of Funding					Other Source Description	Comments
				Tax Capital Reserve	Water Reserve Fund	Wastewater Reserve Fund	Development Charges	Other Source		
1336 Barrie Molson Centre - Replace Gas Fired Heaters	209,000	283,000	74,000	74,000						The construction portion of the project is essentially complete. The additional funds are required due to: a) Added fire access door in duct work and associated electrical work b) Unforeseen site conditions c) Design changes required due to new Building Code This request also includes the previously approved funding shortfall when the Purchase Order was issued.
ROADS:										
1606 Tiffin St Underpass Cost Sharing with MTO	300,000	440,000	140,000	102,666			37,334			MTO have revised their cost estimate for the City's share of the 30% design fee for the Tiffin Street bridge and have added an administration fee.
TRANSPORTATION STUDIES:										
0119 Dunlop: Anne to Leacock	128,000	193,000	65,000	19,000			46,000			The scope of the Dunlop St EA (Anne to Ferndale) expanded from that originally planned due to additional MTO consultation standards that arose during the course of the project. This included much more detailed plans and reporting requirements that were not needed in past City project completed with MTO being a review agency. Costs for additional staff time and consultant time were necessary to address these additional requirements.
WASTEWATER:										
0626 Essa Rd.: Anne to Fairview	25,000	43,000	18,000			18,000				The limits of the sanitary sewer replacement expanded as a result of conflicts with the proposed sizing of the major storm sewer. Additional sanitary sewer design work by the consultant is required.
0135 WPCC Pre-Design/ Phase II Expansion	87,900,000	90,400,000	2,500,000					2,500,000	Debt	Additional funds are required to complete the WWTF Expansion project with all works to be completed by the end of 2014. The remaining work includes installation of larger raw sewage pumps with associated larger variable frequency control drives and electrical upgrades, and upgrades to the inlet channel works that are required to prevent spills to the environment. The cost has increased from the estimate previously provided by the consultant in 2013 based on further development of construction sequencing requirements. The remaining work is extremely complex and will involve close coordination with operations to ensure that the facility remains fully operational throughout the various stages of the work and continues to meet legislative requirements. For example, in order to accomplish the inlet channel works, the contractor must maintain 3 grit tanks in operation at all times, as opposed to 2 grit tanks as the consultant had previously proposed, which requires additional piping, by-pass pumping and isolation devices. Further, the state of the concrete in the existing channel is unknown because it cannot be taken out of service for inspection, so the cost estimate to complete this work increased to account for this risk.

APPENDIX D-1: PROJECTS REQUIRING ADDITIONAL FUNDING - COUNCIL APPROVAL REQUIRED
As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Additional Funding Required	Sources of Funding					Other Source Description	Comments
				Tax Capital Reserve	Water Reserve Fund	Wastewater Reserve Fund	Development Charges	Other Source		
WATER:										
0569 Sunnidale - Letitia to Wellington	250,900	703,300	452,400		299,395		153,005			The Preferred Design Alternative for the Municipal Class Environmental Assessment for Sunnidale Road - Highway 400 Transmission Watermain Class EA was adopted as per Council Motion 13-G-227. The preferred design alternative requires the purchase of properties on the east side of Sunnidale Road immediately north and south of the highway, to allow for the watermain undercrossing of the highway. The Motion also requires that when the property owners are ready to sell their properties, that staff report back to General Committee to obtain the required funding. The property owner on the north side of the highway has now indicated that he is ready to sell, and as such, funding is being sought
1308 Sunnidale Rd: Cundles-Pump Stn	500,649	654,349	153,700		124,248		29,452			Unexpected conflicts with the sanitary sewer required field changes to maintain MOE water/wastewater minimum clearances. Post tender 2 valve chambers were added to the scope. Sign off sheets have been developed to finalize operational requirements prior to tender.
Sub-total	92,642,049	96,831,149	4,188,100	931,667	423,643	18,000	265,790	2,550,000		
Completed Projects (Require additional Council Approved funding):										
ROADS:										
1275 Little Ave: Fairview-Jane Lv 3	1,800	7,592	5,792	5,792						The geotechnical investigation scope of work increased after the work was awarded.
1237 Georgian Dr:Georgian College E	668,405	813,285	144,880	144,880						During construction, sidewalk work was increased in scope; roadway asphalt restoration area was increased; and matching the limits of Barrie's project with Georgian College's driveway entrance improvements lead to some extra work.
STORM:										
1208 Shirley St Storm Drain	445,000	502,914	57,914	57,914						During construction, extra work included additional erosion control measures per the LSRCA's request; additional driveway restoration; and, the area of road restoration in the Shirley Avenue-Wesley Street intersection was increased from the design values because the extent of the damage to the road base was not known until the pipe repairs began.
Sub-total	1,115,205	1,323,791	208,586	208,586	-	-	-	-		
Grand Total (Requiring Council Approval)	93,757,254	98,154,940	4,397,686	1,140,253	423,643	18,000	265,790	2,550,000		

**APPENDIX D-2: SUMMARY OF FUNDING ADJUSTMENTS FOR
PROJECTS REQUIRING ADDITIONAL FUNDING - COUNCIL
APPROVAL REQUIRED
As at: April 30, 2014**

Reserve / Funding Source	Account #	Committed Funding Adjustment
Tax Capital Reserve	13-04-0440	\$ 1,140,253
Development Charges - Water	11-05-0540	\$ 182,457
Development Charges - Roads	11-05-0520	\$ 83,333
Water Reserve Fund	12-05-0580	\$ 423,643
Wastewater Reserve Fund	12-05-0575	\$ 18,000
Debt		\$ 2,500,000
Enabling Accessibility Funding		\$ 50,000
Total		\$ 4,397,686

APPENDIX E: PROJECTS REQUIRING ADDITIONAL FUNDING - DELEGATED AUTHORITY

As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Additional Funding Required	Sources of Funding					Other Source Description
				Tax Rate Holding Acct	Water Holding Acct	Wastewater Holding Acct	Development Charges	Other Source	
Active Projects (Require additional funding - Delegated Authority):									
FACILITIES:									
1563 Space Accomodation - Corp Re-org	250,000	275,000	25,000	25,000					
Sub-total	250,000	275,000	25,000	25,000	-	-	-	-	
Completed Projects (Require additional funding - Delegated Authority):									
FACILITIES:									
1427 Transit Term - Replace Flat R	220,000	220,723	723	723					
1533 Parks - 2 Ice Resurfacers (99-246, 01-253)	160,000	168,212	8,212	8,212					
1278 Water Pollution Ctrl Ctr Roof	439,060	439,282	222			222			
0411 Transit Garage	6,362,406	6,443,455	81,049	81,049					
1528 Marina - Electronic Gate Access Control	45,000	48,664	3,664	3,664					
1085 Lake Simcoe Regional Airport	15,320,000	15,337,477	17,477	13,982				3,495	Service Partner Contribution
FIRE:									
1510 Fire Prevention Car - 2 Door, PU Utility Truck	50,000	50,786	786	786					
Information & Communications Technology:									
1153 Emergency Response Radio Systems Expansion	350,000	354,463	4,463	4,463					
1416 2012 Printer Replacement	109,000	110,127	1,127	8,127				(7,000)	Grants
PARKS:									
1322 Dunsmore Park (Georgian Glen)	35,000	38,853	3,853	3,853					
1472 Playground replacement program(2013)	250,000	251,853	1,853	1,853					
ROADS, PARKS & FLEET:									
1559 WPCC - Water Van (00-162)	35,000	37,536	2,536		2,536				
1543 Roads - Traffic Pickup (01-186)	30,000	32,013	2,013	2,013					
1470 Roads - One ton dump trucks (8 additional)	320,000	336,949	16,949	13,525			3,424		
1345 Parks - Mid-size Dump Truck (02-308)	75,000	75,419	419	419					
1478 2013 Additional Fleet - Approved Program Change	84,000	84,228	228		228				

APPENDIX E: PROJECTS REQUIRING ADDITIONAL FUNDING - DELEGATED AUTHORITY

As at: April 30, 2014

Project Name	Total Approved Budget	Estimated Total Project Costs	Additional Funding Required	Sources of Funding					Other Source Description
				Tax Rate Holding Acct	Water Holding Acct	Wastewater Holding Acct	Development Charges	Other Source	
ROADS:									
0679 Retaining Wall - Shanty Bay/Blake	314,887	314,937	50	50					
1287 Johnson St:Hicking-Steele	399,521	399,984	463	463					
SIDEWALK:									
0615 Mapleview Dr: Welham-Huronia	115,120	126,757	11,637	11,637					
STORM:									
1376 Little Lake - Pd Cardinal-St V	86,000	92,418	6,418	6,418					
1143 Arch Brown Crt Realignment	794,932	800,566	5,634	5,634					
STREET LIGHTING:									
0615 Mapleview Dr: Welham-Huronia	191,150	198,298	7,148	1,949			5,199		
TRAFFIC SIGNALS:									
1411 System Surveillances (4 loc	20,000	20,493	493	493					
WATER:									
0546 Donald St: Wellington to Eccles	352,160	353,440	1,280		1,280				
0615 Mapleview Dr E - Welham to Huronia	358,590	361,038	2,448		2,448				
1307 Sunnidale Rd : Lelitia to reservoir #2	1,411,000	1,442,271	31,271		25,527		5,744		
1468 Edgehill Dr: Leacock & Engel(West Leg)	200,000	205,894	5,894		5,894				
Sub-total	28,127,826	28,346,136	218,310	169,313	37,913	222	14,367	(3,505)	
Grand Total (Requiring Delegated Authority)	28,377,826	28,621,136	243,310	194,313	37,913	222	14,367	(3,505)	