



2014

BUSINESS PLAN & BUDGET

CAPITAL

As Approved at Regional Council on

December 19, 2013

Executive Summary.....	1
Consolidated Financial Reports.....	27
Transportation & Community Planning-Property & Facilities	43
York region Transit/VIVA	55
Roads	73
Traffic Management & Intelligent Transportation Systems.....	117
Water	131
Wastewater	165
Waste Management	195
Natural Heritage & Forestry	217
Housing Services	233
Long Term Care	245
Emergency Medical Services	261
Information Technology Services	275
Property Services	289
York Region Rapid Transit Corporation.....	317
York Regional Police	335

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York Region

One of six regional governments in Ontario, York Region provides capital infrastructure for residents, businesses and visitors, including:

- Water/Wastewater infrastructure
- Transit/Viva buses and facilities
- Roadway construction and infrastructure
- Waste Management facilities
- Police stations and equipment
- EMS stations and vehicles
- Long-Term Care and Seniors facilities
- Affordable housing units
- IT infrastructure
- Rehabilitation and construction of service buildings

Vision 2051

The strategic plan highlights goal areas for York Region, including:

- A place where everyone can thrive
- Liveable cities and complete communities
- A resilient natural environment and agricultural system
- Appropriate housing for all ages and stages
- An innovation economy
- Interconnected systems for mobility
- Living sustainably
- Open and responsive governance

The Business Plan and Budget Supports the Region's Strategic Plan

York Region provides services that are fundamental to the quality of life and economic prosperity of residents and businesses. The Region's 2014 Capital Business Plan and Budget outlines how financial resources will be applied and managed to deliver these services. The Business Plan and Budget document helps align efforts to achieve both near and long-term goals for our community, including the strategic priorities outlined in *Vision 2051*.

Since the creation of the Region in 1971, its population has grown dramatically. In just over 40 years, the Region's population has increased more than seven-fold, from 169,000 in 1971 to more than 1.1 million in 2014. To help plan for the future and guide programs, services and initiatives, York Region developed *Vision 2051*, its third long term strategic planning blueprint. The principles that inspire the long-term vision were then translated into priority areas for action in the *2011 to 2015 Strategic Plan*.

The Business Plan and Budget aims to target resources and align efforts to ensure that programs and services help achieve long-term goals while addressing current needs and priorities. The challenge of the budget process is to meet the many and varied needs of residents and businesses at a reasonable cost.

Budget Review and Approval Process

Budget tabling is the first formal step towards adoption by Council...

Proposed departmental budgets are then reviewed by Committee of the Whole...

Committee recommendations are forwarded to Council for approval...

Council considers the Business Plan and Budget for adoption...

Framework for Capital Budget Development

The Ten-Year Capital Plan reflects the strategic nature of infrastructure investment and the capital planning process at York Region. A number of planning processes and multi-year master plans drive the development of the Ten-Year Capital Plan.

Major elements include:

- Vision 2051
- York Region Official Plan
- Transportation Master Plan
- Water and Wastewater Master Plans
- Pedestrian Master Plan / Cycling Master Plan
- York Region Sustainability Strategy "Towards a Sustainable Region"
- Community and Health Services Multi-Year Plan
- 2011 – 2015 Strategic Plan

Growth continues to be the primary driver of the 2014 capital budget and Ten-Year Capital Plan. The majority of the projects are for new capital infrastructure to address anticipated population growth and development demands of York Region. At the same time, increased emphasis is being placed on maintaining York Region's capital asset infrastructure and providing for its eventual replacement.

Budget Review and Approval

The proposed 2014 Business Plan and Budget was tabled at Council on November 21, 2013. The Business Plan and Budget included the departmental Ten-Year Capital Plans and 2014 Capital Spending Authority (CSA) for consideration by Council.

Following the tabling of the Budget at Council, departmental budgets were reviewed at Committee of the Whole meetings in December 2013.

Following completion of Committee of the Whole reviews, Council approved the 2014 Budget on December 19, 2013.

Introduction

Capital budgeting is a crucial planning process at York Region. Through capital budgeting, the Region can plan future operating budget expenditures, debt repayment, and potential reserve fund requirements, all of which are needed to effectively manage the Region's long-term financial position. Capital budgets enable the implementation of official plans, master plans and strategic plans and also provide the financial mechanism to implement Council's capital planning. Ultimately, the implementation of the Capital Plan allows the Region to provide the necessary infrastructure to maintain or enhance future service levels to the communities.

At a Glance

This section of the 2014 Capital Budget and Business Plan provides a consolidated financial summary of the budget and business plan. This section also provides details of the budget process, capital financing, debt financing and reserve fund policy.

Following the financial summary are separate sections for each of the service areas:

- Transportation and Community Planning Property and Facilities
- York Region Transit/Viva
- Roads
- Traffic Management & Intelligent Transportation Systems
- Water
- Wastewater
- Waste Management
- Natural Heritage & Forestry
- Housing Services
- Long-Term Care
- Emergency Medical Services
- Information Technology Services
- Property Services
- York Region Rapid Transit Corporation
- York Regional Police

Each of the service areas includes the following types of reports:

1. Capital Business Plan, including Capital Strategy, Key Initiatives, Long-Term Outlook, and Pressures from the Net Operating Impact of Capital Projects
2. 2014 Capital Spending Authority Outlook Change
3. 2014 Capital Spending Authority and the associated financing sources
4. 2014 Ten-Year Capital Plan and the associated financing sources

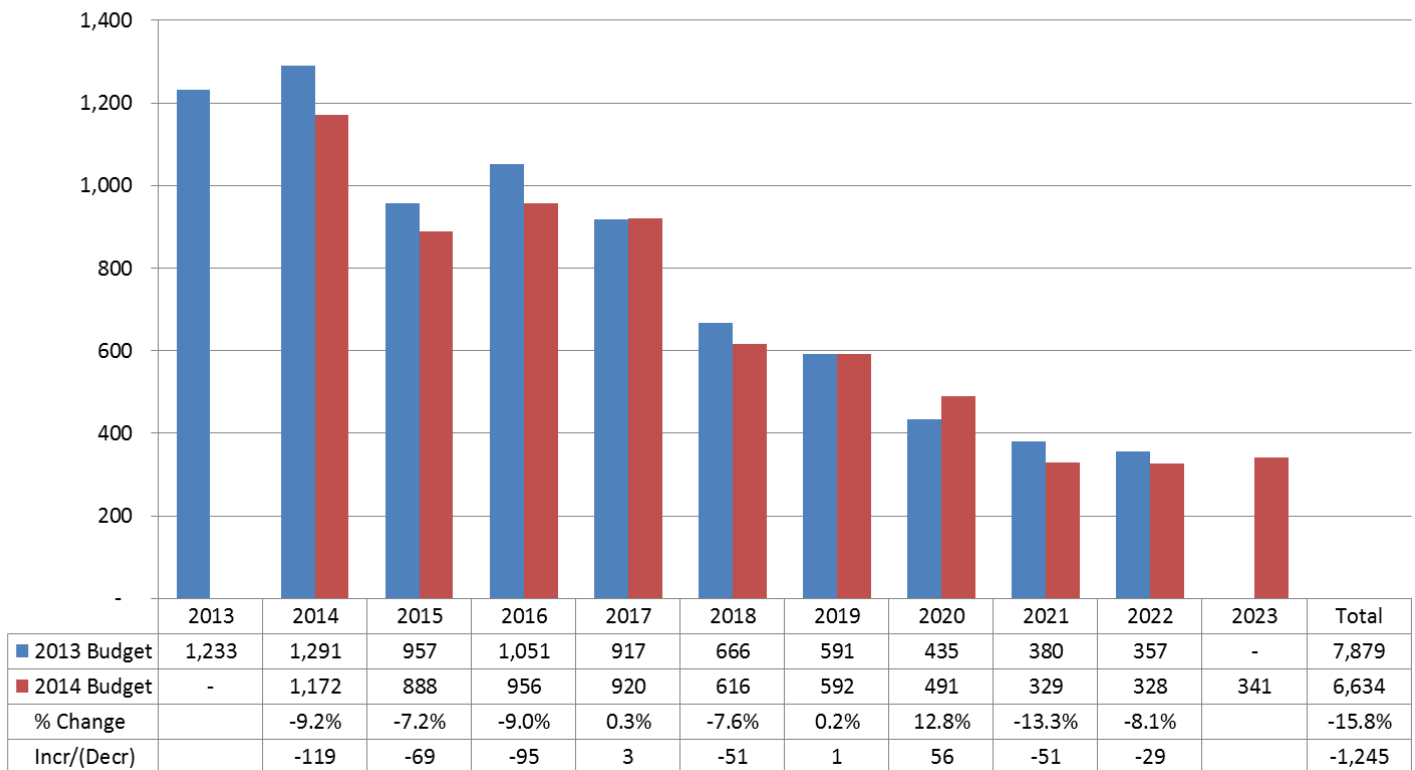
Ten-Year Capital Plan

The 2014 Capital Plan totals \$6.6 billion over the next ten years, of which \$1.2 billion is for gross capital expenditures in 2014.

The capital budget was prepared with a focus on long-term sustainability, the requirement to remain within the provincially regulated annual debt repayment limit (ARL), and consideration of recent commentary from credit rating agencies. As part of the 2014 capital budget process, departments were requested to realign their Capital Plans accordingly. Departmental project prioritization and corporate priorities were used to guide the realignment exercise. As compared to the 2013 Ten-Year Capital Plan, the 2014 Ten-Year Capital Plan has been reduced by \$1.2 billion.

Below is a comparison between the 2013 and 2014 Ten-Year Capital Plans:

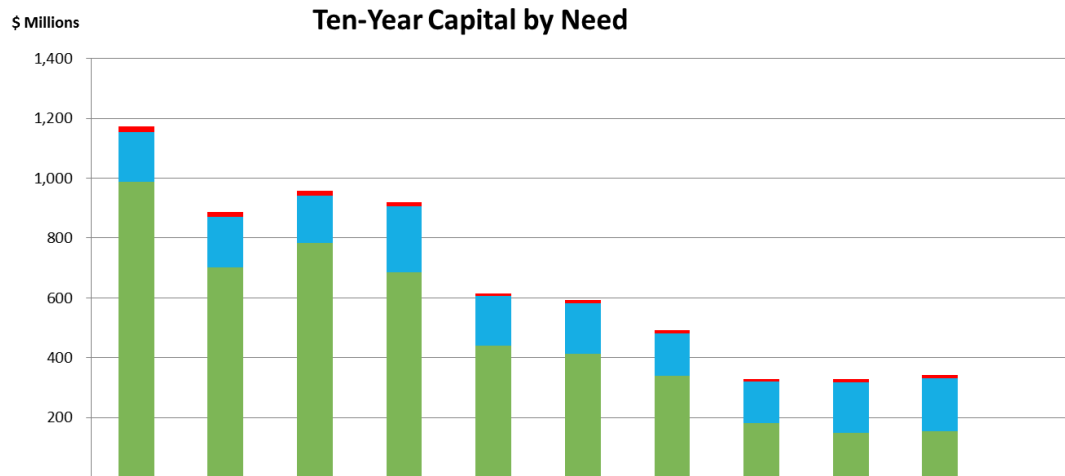
Ten-Year 2014 Budget Comparison to 2013 Budget



2014 Capital Budget Financial Summary

High levels of investment are needed to put in place the infrastructure required to support future growth. Approximately 73% of the Ten-Year Capital Plan expenditures are for growth/expansion related projects.

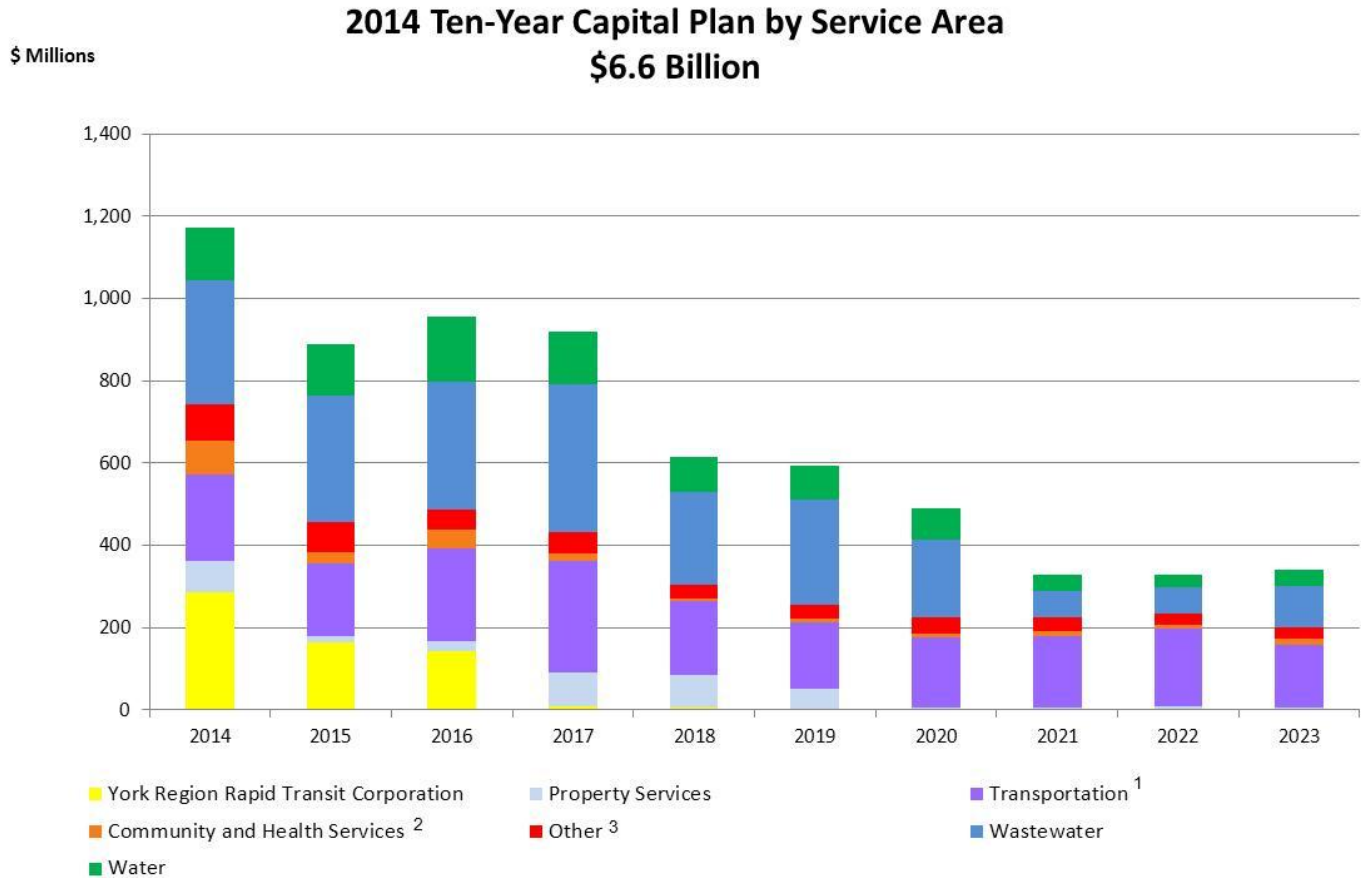
Below is a breakdown by need category:



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Total Gross Expenditures	1,172	888	956	920	616	592	491	329	328	341	6,634
■ Enhancement	19	16	14	14	11	10	10	9	10	10	122
■ Rehabilitation	166	170	158	221	164	169	141	138	170	178	1,674
■ Growth	987	702	784	686	441	414	340	182	148	154	4,838
% Growth	84.2%	79.1%	82.0%	74.5%	71.6%	69.8%	69.2%	55.2%	45.3%	45.1%	72.9%

Approximately 84% of the Ten-Year Capital Plan consists of investments in Transportation, Water, Wastewater and York Region Rapid Transit Corporation.

The annual breakdown by service area is as follows:



¹Transportation includes: Transportation and Community Planning Property and Facilities, York Region Transit/Viva, Roads, and Traffic Management and Intelligent Transportation Systems

²Community and Health Services includes: Housing Services, Long-Term Care, and Emergency Medical Services

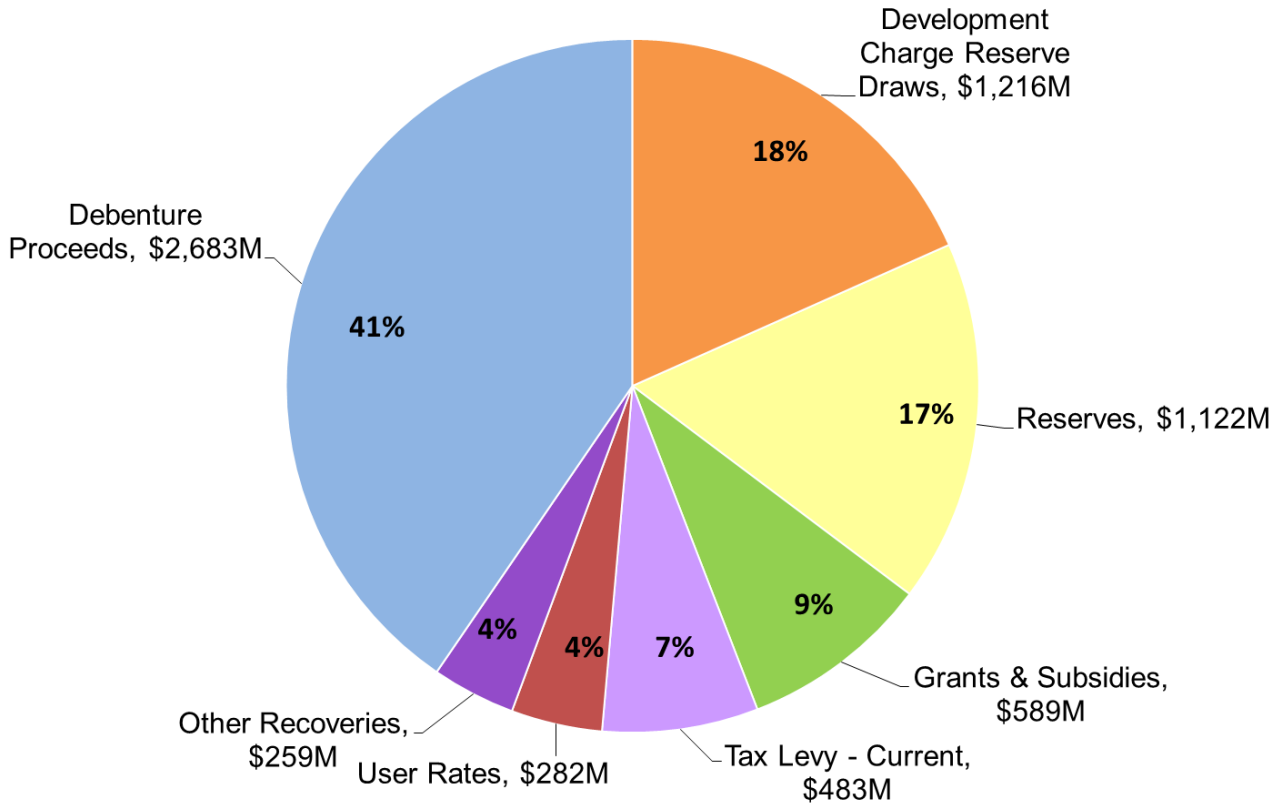
³Other includes: Waste Management, Natural Heritage and Forestry, Information Technology Services and York Regional Police

The primary drivers of the Ten-Year Capital Plan are:

- Water and Wastewater \$3.1 billion
- Transportation \$1.9 billion
- York Region Rapid Transit Corporation \$0.6 billion.

Approximately 89% of the Capital Plan is financed through debentures and Regional sources.

Ten-Year Financing Sources



Other recoveries include third party, developer up-front financing and sale of equipment

Financing from Regional sources in the amount of \$3.2 billion includes financing from development charges, reserves, water and wastewater user rates, tax levy, other reserves, and developer up-front financing.

Financing from grants & other external sources in the amount of \$0.7 billion includes grants and subsidies (including federal gas tax), and third party recoveries.

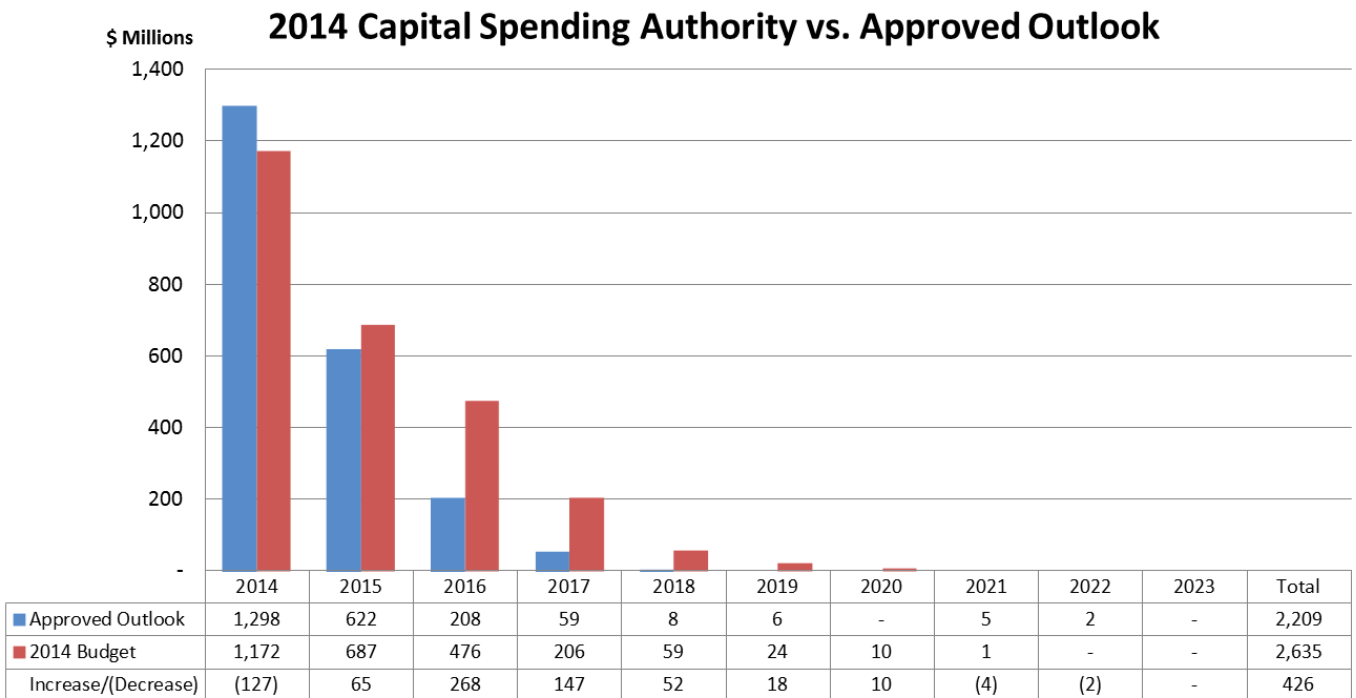
The \$2.7 billion financed by debenture proceeds will be repaid mainly by the following funding sources:

- Development Charges - \$2.0 billion
- User Rates - \$0.5 billion
- Tax Levy - \$0.2 billion

Capital Spending Authority (CSA)

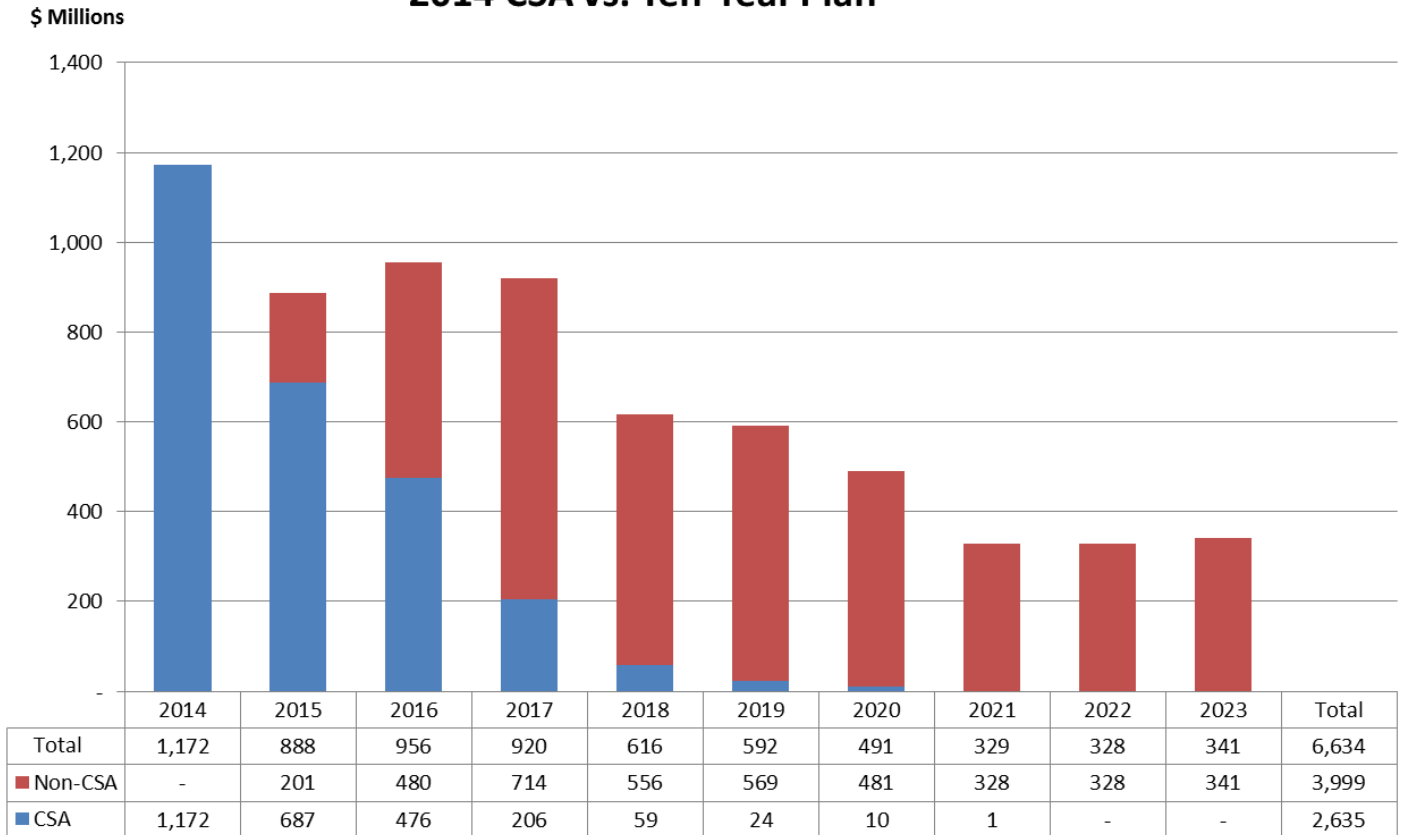
York Region continues to use the concept of Capital Spending Authority in the development and approval of its 2014 Capital Budget. Capital Spending Authority is a budgeting concept that combines the current year's requirements with expenditure commitments required in subsequent years, for approval by Council.

As part of the 2013 Capital Budget, Council approved a 2014 CSA outlook of \$2.2 billion. The approved 2014 Capital Spending Authority is \$2.6 billion. Approximately \$0.2 billion of the \$0.4 billion increase in 2014 CSA is caused by project delays and the remaining \$0.2 billion is associated with the increases in project costs and rehabilitation expenditures, and changes in project timelines.

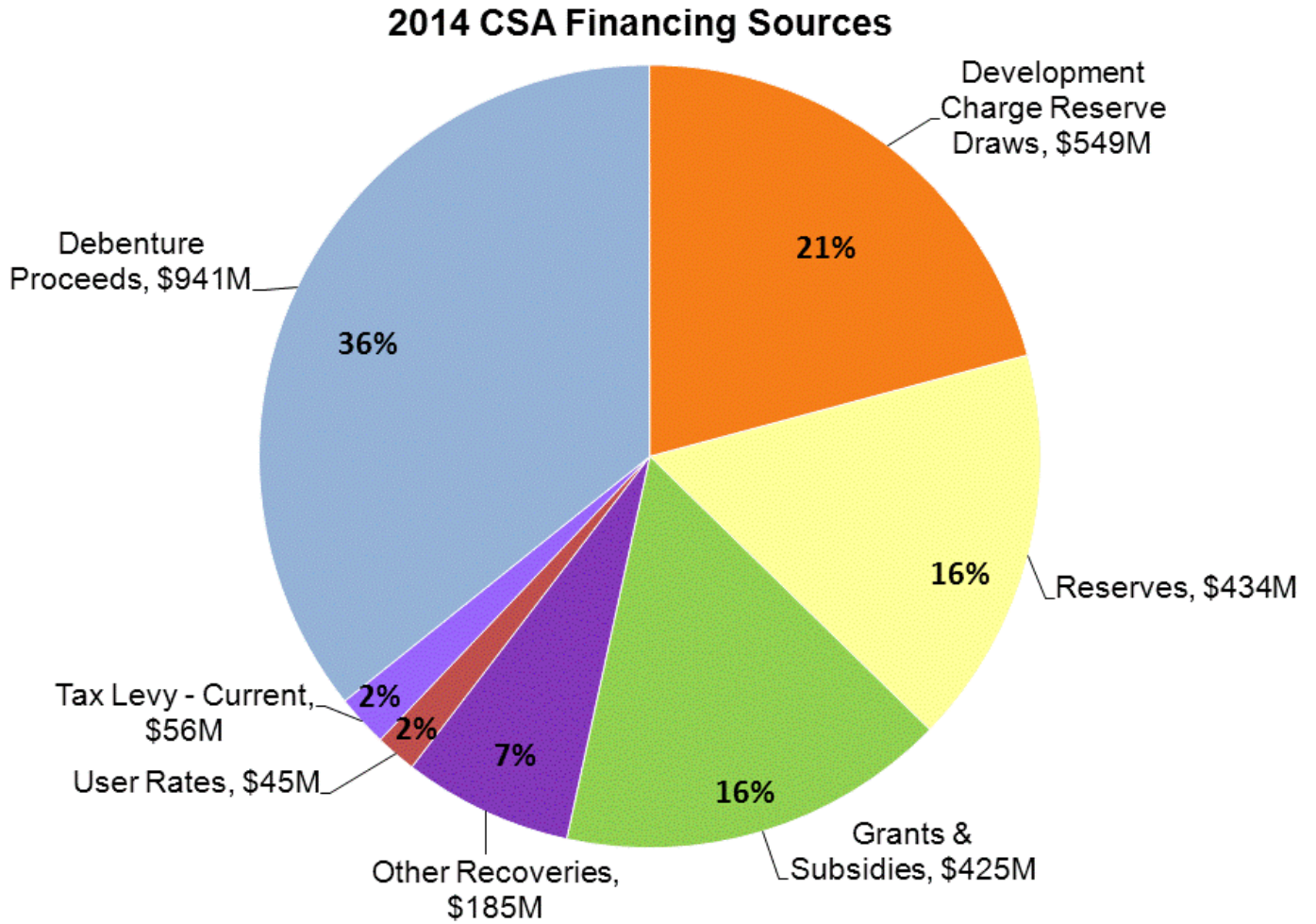


The 2014 Ten-Year Capital Plan totals \$6.6 billion, which includes 2014 Capital Spending Authority of \$2.6 billion.

2014 CSA vs. Ten-Year Plan



The associated financing sources for the 2014 Capital Spending Authority of \$2.6 billion are as follows:



Note: Grants & Subsidies include Federal Gas Tax

Debuture proceeds of \$0.9 billion will be repaid through the following funding sources: \$0.8 billion in development charges and \$0.1 billion in user rates.

Incremental Net Operating Impact of Capital on Tax Levy

York Region's Ten-Year Capital Plan will result in future operating costs that will affect York Region's tax levy requirement. Some of these costs include salaries for additional staff required to operate new capital assets (e.g., new facilities, vehicles, etc.), operating contract costs for additional services, debt repayment costs, and contribution to reserves to fund future rehabilitation and replacement needs. These costs may be partially offset by operating revenues.

Based on the projection in the Ten-Year Capital Plan, there will be a downward trend in tax levy funding for capital projects. The major drivers of net operating impact of capital projects include the following:

- Operating and maintenance costs associated with Bus Rapid Transit facilities, terminals, and dedicated lanes.
- Salaries and benefits associated with the acquisition of new ambulances.
- Contractor payment costs for York Region Transit conventional bus operations.
- Debt Repayment associated with the construction of the Administrative Centre Annex, Bus Rapid Transit Facilities and Terminals, Spadina Subway Extension, Roads Operations Facility, and Southeast Patrol Area Works Yard.

Capital Financing

York Region's Financial Mission Statement adopted by Council in 1999 states that capital financing and debt practices will be responsive and fair to the needs of both current and future taxpayers and will be reflective of the underlying life cycle and nature of the expenditure.

To accommodate growth, York Region's capital program includes significant investment, particularly in wastewater, water, roads and rapid transit infrastructure. As a result, there has been a significant increase in the issuance of debt to help finance these expenditures. The majority of debt issued is to be recovered from future development charge revenues.

Capital Asset Management

In 2006 a review was undertaken of the Region's existing capital asset inventory as part of the development of a Long Range Fiscal Planning Strategy. That review and strategy identified the need to develop a capital financing plan that would provide for the replacement over the next 50 years of approximately \$6.3 billion of existing infrastructure as well as the replacement of additional new capital assets as they are acquired. Starting in 2007, Regional Council authorized setting aside 1% of the tax levy with an additional 1% to be added each year for replacement of assets. The amount set aside in 2007 was \$6.2 million; by 2013 this amount had increased to \$49 million.

In 2013, Council approved an incremental increase to the replacement reserves by a further 0.2% a year, for each of the next five years until the incremental increase is 2% per year, by which time it is estimated to be \$114 million.

Development Charges

Development charges are collected to recover the growth-related capital costs associated with residential and non-residential development that creates the need for the capital works. As the majority of York Region's capital expenditures are growth related, development charges are a major source of financing for York Region's capital plan. Other sources of financing for the Region's capital plan include tax levy, provincial and federal grants, user rates and reserves.

York Region's current Region-wide Development Charge By-law was updated in June 2012 to reflect currently forecasted growth project costs and expected development. Such updates assist the Region by ensuring that growth-related costs are recovered from Development Charges to the greatest extent possible.

Debt and Debt Financing

Section 401 of the *Municipal Act* grants Council the authority to issue debentures, when deemed in the best interest of its taxpayers, to finance its own capital expenditures as well as those of its area municipalities and school boards.

The Region's Capital Financing and Debt Policy as updated and approved by Council in June 2006 outline the following primary objectives:

- Adhere to statutory requirements
- Ensure long-term financial flexibility
- Limit financial risk exposure
- Minimize long-term cost of financing
- Match term of financing to the useful life of the related asset.

A municipality in Ontario may only issue new debentures provided that the projected financial charges related to the outstanding debt will be within its annual debt repayment limit (ARL) prescribed by the Ministry of Municipal Affairs and Housing (MMAH). This limit is set at 25% of a municipality's own source revenues, which in the Region's case is comprised primarily of property taxes and user rate fees. In the event that the projected financial charges exceed the ARL, a municipality could still issue new debt provided that authority to do so is obtained from the Ontario Municipal Board (OMB). The calculation of own source revenues excludes any development charge receipts.

In 2011, the Provincial Government revised its debt limit regulation to allow York Region to add significant debt room. The additional room allows for additional debt payments based on 80% of the average of the last three years of development charge collections.

The *Municipal Act* permits the Region to issue debentures on behalf of local municipalities and school boards. York Region's ability to raise debt for these entities is not affected by its own ARL, as each area municipality and school board is governed by their own debt limits.

Since 2000, York Region has received a "AAA" credit rating from both Moody's and Standard & Poor's, allowing it to issue debt at the lowest possible interest rates. The rating agencies have noted the Region's strong economic growth, high cash and reserve levels, prudent fiscal management and strong budgetary flexibility are key factors in achieving this rating. Notwithstanding this, one agency has some concern with the Region's high debt levels relative to other AAA rated municipalities resulting in its changing its outlook from AAA stable to AAA negative in 2013.

As part of this budget process an integrated debt and reserve Fiscal Strategy was approved by Council. The strategy involved prioritizing and rationalizing capital expenditures, continuing a strong commitment to asset replacement funding, and the establishment of a Debt Reduction reserve to minimize the issuance of tax-levy related debt on a going-forward basis.

Funding Outstanding Debt

As a result of the new debt limit regulation enacted by the Province in 2011, Regional Council must consider a long-term Debt Management Plan as part of its budget deliberation. The Plan, which compares future forecasted debt to projected ARL levels, also outlines debt mitigation strategies to be considered by Council. The Plan was considered and approved by Council as part of its 2014 budget considerations.

Reserves and Reserve Fund Policy

Under the *Municipal Act*, Council has the authority to establish reserves as required. Reserves and reserve funds can be created to meet specific liabilities such as the replacement / rehabilitation or acquisition of capital assets. Contingency reserves can also be used to stabilize the tax levy and / or user rates for unexpected or atypical expenditures. Other reserves have been established to meet potential insurance and long-term disability claims.

Additionally, the Fiscal Strategy adopted by Council as part of its budget approval established several new reserves including a Transit Vehicle Replacement Reserve and a Debt Reduction Reserve that will be used to reduce tax-levy debt going-forward. The establishment of these Reserves reflects Council's on-going commitment to sufficient asset replacement funding and debt reduction.

-The *Development Charges Act, 1997* and other legislation require that municipal governments maintain specific reserves that can only be used for legally restricted purposes. Such reserves include development charge deferred revenue and funds set aside for potential workers' compensation claims. The Region's Financial Mission Statement, representing prudent best financial practices indicates that:

"Adequate reserves will be maintained to:

1. Replace and rehabilitate major capital infrastructure assets as required
2. Provide a buffer for significant unanticipated expenditures beyond the control of the Region
3. Supply funds for new major capital assets identified in the long-term corporate strategy."

In addition, adequate reserves promote fiscal opportunity, reflecting a primary goal of Vision 2051.

The Region's policy and practices with respect to reserves are major factors in maintaining the AAA rating assigned to it by its credit rating agencies. This rating allows the Region to raise funds in the capital markets at the lowest possible borrowing rates.

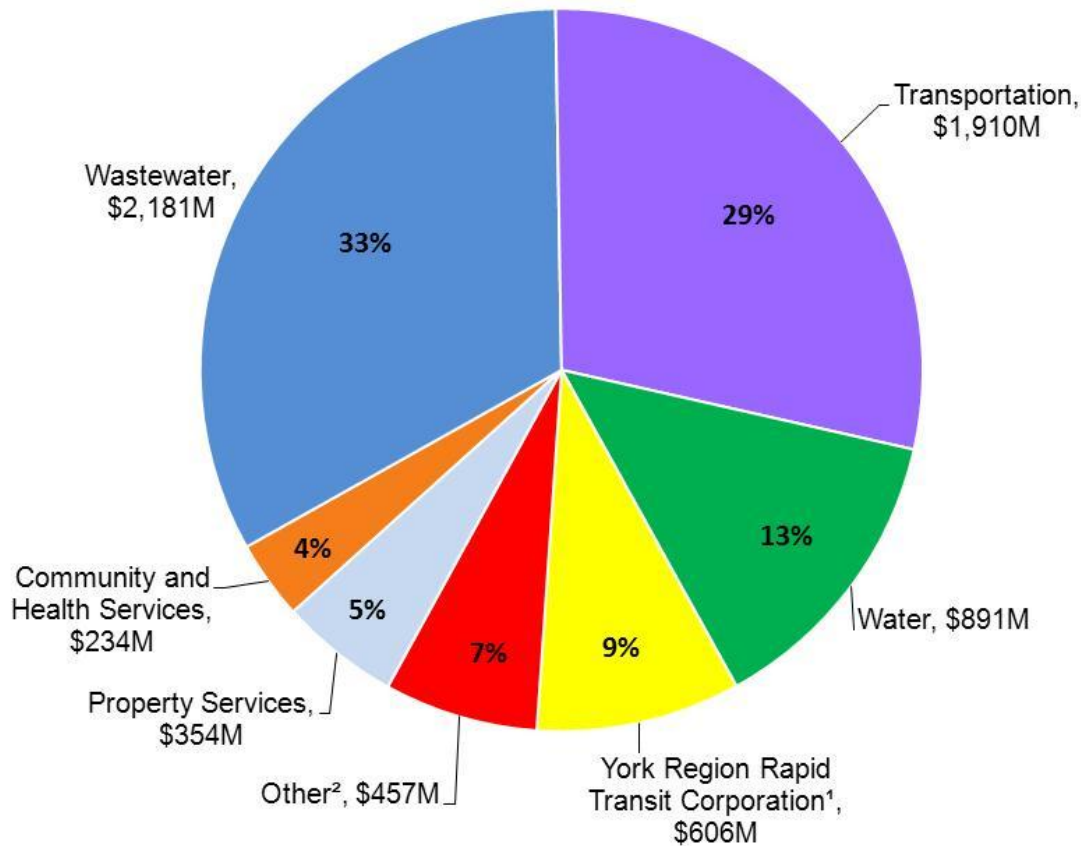
Ten-Year Capital Plan Detailed Review

The following section provides details of the Region’s 2014 Ten-Year Capital Plan and associated financing sources.

Ten-Year Capital Plan Expenditures

To meet future infrastructure needs, \$6.6 billion of gross capital expenditures have been forecast for the ten-year period. The following chart presents capital expenditures by service area.

2014 Ten-Year Gross Expenditures



¹ Includes projects that are partially or fully funded by York Region.

²Other includes

Police	\$194M
Information Technology Services	\$169M
Waste Management	\$73M
Natural Heritage and Forestry	\$21M

The following highlights some of the key projects in the Ten-Year Capital Plan by service area:

Transportation Property & Facilities - \$233 million

Includes the construction of facilities for various roads and transit purposes.

Major projects included in the Ten-Year Capital Plan:

- Three Transit Vehicle Garages
- Southeast Patrol Area Works Yard
- York Region Roads Operations facility
- Ride Facilities for Viva/Transit

York Region Transit/Viva - \$376 million

Includes the purchase of new and replacement conventional and Viva buses, as well as major structural refurbishments and mechanical overhaul of the existing fleet.

Major projects included in the Ten-Year Capital Plan:

- 118 Conventional Buses (Expansion) and 105 Conventional Buses (Replacement)
- 24 Viva Buses (Expansion) and 96 Viva Buses (Replacement)
- Structural Refurbishing of 287 Conventional Buses

Roads - \$1,168 million

Includes major road widening, transit supportive and intersection improvement projects throughout York Region.

Major growth-related projects included in the Ten-Year Capital Plan:

- Various projects along Major Mackenzie Drive, from the CPR line in the west, to Ninth line in the east
- Three Mid-block Crossings of Highway 404
- Various projects along Rutherford Road, from Pine Valley Drive in the west, to Keele Street in the east

- Various projects along Bathurst Street, from Highway 7 in the south, to Yonge Street in the north
- Various projects along 16th Avenue from Yonge Street in the west, to Woodbine Avenue in the east

Major rehabilitation-related projects included in the Ten-Year Capital Plan:

- Various Road and Bridge resurfacing and improvement projects
- Replacement of York Region fleet vehicles

Traffic Management & Intelligent Transportation Systems - \$135 million

Includes initiatives to improve the safety and efficiency of the Region's transportation system.

Major projects included in the Ten-Year Capital Plan:

- Civil engineering projects:
 - Intersection improvements, including pavement marking and traffic control signals
- Road Infrastructure technology-based projects
- YRT/Viva technology-based projects

Water - \$891 million

The Ten-Year Plan focuses on continued expansion of the York Water System and the implementation of cost shared projects with Peel and Toronto to service growth.

Major projects included in the Ten-Year Capital Plan:

- Expansion of the York Water System which services over 90% of York Region residents
- Implementation of cost shared projects with Peel and Toronto to increase water supply capacity from Lake Ontario
- Rehabilitation/replacement of aging infrastructure
- Major growth-related infrastructure to be delivered over the next ten years includes 42 kilometres of new trunk watermains, 8 new storage facilities, 1 new pumping station, 4 pumping station upgrade projects and 1 new groundwater well

Wastewater - \$2,181 million

The Ten-Year Plan focuses on the expansion of York Durham Sewage System, cost-shared work with Peel Region, and the implementation of sewage works to service Holland Landing, Queensville and Sharon.

Major projects included in the Ten-Year Capital Plan:

- Expansion of the York Durham Sewage System including the Southeast Collector Trunk Sewer and works at Duffin Creek Water Pollution Control Plant including the outfall
- Major infrastructure renewal projects through the infrastructure asset management program including rehabilitation of the existing Southeast Collector and Duffin Creek Water Pollution Control Plant
- Upper York Sewage Solutions water reclamation centre, and other sewage works for long-term sanitary servicing in the Holland Landing, Sharon and Queensville communities in East Gwillimbury and parts of Aurora and Newmarket
- Major growth-related infrastructure to be delivered over the next ten years includes 58 kilometers of new sanitary trunk sewers and forcemains, a water reclamation centre, 1 water pollution control plant expansion and 5 new sewage pumping stations

Community and Health Services - \$234 million

(Emergency Medical Services, Long-Term Care, and Housing)

Capital Plans include additional social housing units, EMS vehicles and paramedic response stations.

Major projects included in the Ten-Year Capital Plan include:

- Building or renovating 11 Paramedic Response Stations
- Replacing 136 EMS ambulances and 46 other vehicles
- Purchasing 11 new ambulances
- Renovating to increase Long-Term Care - Maple Health Adult Day Centre program space by approximately 5,000 square feet.
- Completing over 480 new affordable housing units (including emergency shelter)
 - Richmond Hill Housing and Community Hub: 202 affordable housing units

- Woodbridge Avenue, Vaughan: 150 new apartment units for seniors, singles and families
- Lakeside Residences, Keswick: 6-storey building with 97 units
- Belinda's Place, Newmarket: 9 transitional apartments and 28 emergency beds for homeless single women.

Property Services - \$354 million

Major projects included in the Ten-Year Capital Plan:

- Pre-Construction and Construction of the Annex
- Construction of a Vaughan Regional Service Centre
- Leasehold Improvements to Harry Walker Parkway
- Various Rehabilitation and Repair projects for existing facilities

York Region Rapid Transit Corporation - \$606 million

Includes construction of Spadina subway extension, Rapid Transit facilities, terminals, vehicles and preliminary engineering for the Yonge Street subway extension and Rapidways studies.

Major projects included in the Ten-Year Capital Plan:

- Spadina Subway Extension
- Bus Rapid Transit Facilities and Terminals

Other - \$457 million

Capital Plans for Waste Management, Natural Heritage & Forestry, Information Technology Services and York Regional Police include Community Environmental Centres, IT Hardware and Software, implementation of accommodation master plan, and purchase of Police vehicles.

Major projects included in the Ten-Year Capital Plan:

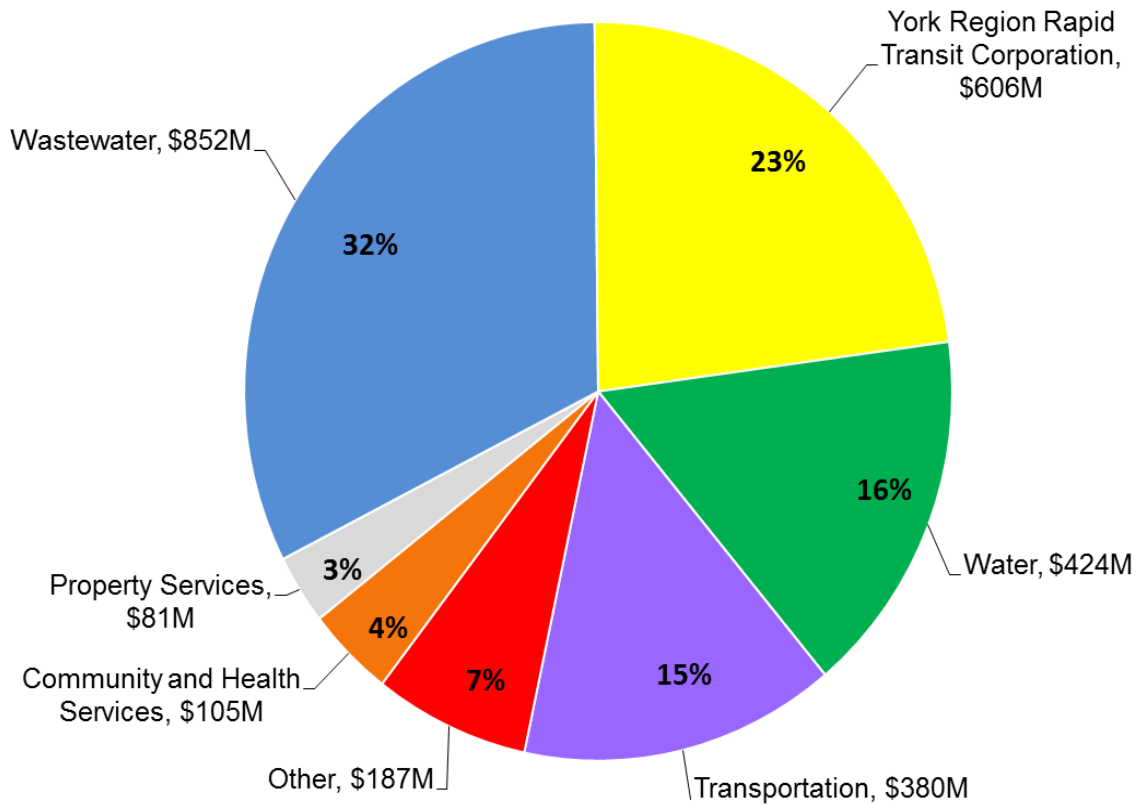
- Construction of Energy From Waste facility
- York Regional Forest Stewardship and Education Centre

2014 Capital Spending Authority Detailed Review

Capital Spending Authority of \$2.6 billion has been approved. This reflects the amount that is required for multi-year commitments, including contractual agreements and other firm commitments.

The following chart outlines the 2014 Capital Spending Authority by service area.

2014 Capital Spending Authority Expenditures \$2.6 Billion



*Other includes:	
Information Technology Services	\$85M
Waste Management	\$50M
Police	\$47M
Natural Heritage and Forestry	\$5M

The following highlights significant capital investment and initiatives with 2014 Capital Spending Authority.

Transportation Property & Facilities - \$67 million

- Transit Vehicle Garage (North) - \$28 million
- Southeast Patrol Area Works Yard - \$39 million

York Region Transit/Viva - \$38 million

- Conventional Bus Expansion - \$18 million
- Conventional Bus Replacement - \$7 million
- Conventional Bus Refurbishing & Mechanical Overhaul - \$4 million

Roads - \$256 million

- 2nd Concession - Green Lane to Doane Road - \$44 million
- Mid-Block Crossing of Hwy 404, north of Hwy 7 - \$30 million
- Construction of Bathurst Road - Green Lane west to Yonge Street - \$19 million
- Various road resurfacing and improvement projects - \$15 million
- Bridge and Culvert Rehabilitation and reconstruction projects - \$8 million

Traffic Management & Intelligent Transportation Systems - \$20 million

- Viva-related Intelligent Transportation Software Systems - \$11 million
- Intersection Improvements and Pavement Marking Programs - \$5 million

Water - \$424 million

- Peel Water Supply cost shared works - \$135 million
- Toronto Water Supply cost shared works - \$78 million
- West Richmond Hill Pumping Station and Watermain - \$46 million

- Kennedy Road Watermain from Milliken to Major Mackenzie - \$31 million

Wastewater - \$852 million

- Duffin Creek Stages 1 and 2 Upgrades - \$221 million
- York Durham Sewage System (YDSS) Southeast Collector - \$175 million
- Queensville/Holland Landing/Sharon YDSS Connection - \$116 million
- Humber Pump Station Relocation Expansion - \$30 million
- West Vaughan Sewage Servicing - \$30 million

Community & Health Services - \$105 million

(Emergency Medical Services, Long-Term Care, and Housing)

- Richmond Hill Housing and Community Hub (Housing) - \$51 million
- Lakeside Residences – Keswick (Housing) - \$23 million
- Belinda's Place – Newmarket (Housing) - \$6 million
- Vehicle Replacement (EMS) - \$2 million
- Newmarket Southeast EMS Station - \$3 million
- Holland Landing EMS Station - \$2 million

Property Services - \$81 million

- Construction of a Vaughan Regional Service Centre - \$48 million
- Leasehold Improvements to Harry Walker Parkway - \$10 million
- Pre-Construction of the Annex - \$9 million

York Region Rapid Transit Corporation - \$606 million

- Spadina Subway Extension - \$471 million
- Bus Rapid Transit Facilities and Terminals - \$133 million

Other - \$187 million

(Waste Management, Natural Heritage & Forestry, Information Technology Services, Property Services, York Regional Police)

- York Regional Police Radio System and Training Facility - \$33 million
- IT Equipment (Printers/PCs) - \$23 million
- Energy From Waste Facility - \$19 million
- Source Separated Organics Facility - \$16 million

Program Groupings

Similar to the 2013 budget cycle, individual capital projects and program groupings have been approved. Departments are permitted to reallocate funding between capital projects within a program group in-year without requiring additional Council approvals. Through the 2014 budget process, additional flexibility has been provided to allow departments to respond to changes in project timing. Specifically, within each program group, departments have been granted authority to re-profile funding into 2014 from future years, as long as the program groups' total capital plan and CSA do not change. The objective is to improve departments' ability to deliver their Capital Plans by recognizing the inherent volatility in the timing of capital projects.

Reports that list capital projects and their associated funding sources within each program group has been approved by Council as part of the budget process for York Region Transit/Viva, Roads, Water, Wastewater, Waste Management, and Property Services. Only projects identified in these reports are considered to be part of the program group.

Note that York Region Rapid Transit Corporation and York Regional Police have no program groupings. The following have program groupings by branch: Transportation and Community Planning Property and Facilities, Traffic Management & Intelligent Transportation Systems, Natural Heritage and Forestry, Housing Services, Long-Term Care, Emergency Medical Services, and Information Technology Services.

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2014 Capital Budget

York Region-Capital Spending Authority Outlook Change

(In \$000's)	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Total Estimated Cost
Transportation Property and Facilities							
Transportation Property and Facilities	-	-	-	66,800	66,800	228,850	295,650
York Region Transit/Viva							
Garages*	-	-	18,000	(18,000)	-	-	-
Growth	11,615	2,140	17,590	5,611	23,201	94,493	131,449
Rehabilitation & Replacement	11,875	6,340	9,345	5,675	15,020	242,885	276,120
York Region Transit/Viva	23,490	8,480	44,935	(6,714)	38,221	337,378	407,569
Roads							
Growth	293,023	77,478	217,199	8,489	225,688	994,045	1,590,234
Rehabilitation & Replacement	150,376	26,242	25,072	4,756	29,828	251,067	457,513
Facilities/Operations*	-	-	3,600	(3,600)	-	-	-
Roads	443,399	103,720	245,871	9,645	255,516	1,245,112	2,047,747
Traffic Management & Intelligent Transportation Systems							
Traffic Management & Intelligent Transportation Systems	52,539	11,329	16,350	3,289	19,639	114,938	198,445
Water							
Growth	845,396	135,492	354,603	14,495	369,098	515,224	1,865,210
Rehabilitation & Replacement	32,154	19,052	59,312	(4,856)	54,456	180,749	286,411
Water	877,550	154,544	413,915	9,639	423,554	695,973	2,151,621
Wastewater							
Growth	1,311,759	251,936	661,372	128,290	789,662	1,288,523	3,641,880
Rehabilitation & Replacement	94,809	17,477	80,867	(18,432)	62,435	461,492	636,213
Wastewater	1,406,568	269,413	742,239	109,858	852,097	1,750,015	4,278,093

2014 Capital Budget

York Region-Capital Spending Authority Outlook Change

(In \$000's)	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Total Estimated Cost
Waste Management							
Growth	42,536	31,423	27,465	15,462	42,927	12,000	128,886
Rehabilitation & Replacement	12,915	1,448	9,593	(2,043)	7,550	10,148	32,061
Waste Management	55,451	32,871	37,058	13,419	50,477	22,148	160,947
Natural Heritage & Forestry							
Natural Heritage & Forestry	15,661	2,460	2,261	2,815	5,076	15,884	39,081
Housing Services							
Housing Services	39,984	36,380	57,850	23,348	81,198	81,860	239,422
Long Term Care							
Long Term Care	2,334	1,693	4,293	(540)	3,753	8,667	16,447
Emergency Medical Services							
Emergency Medical Services	20,779	9,190	15,706	4,413	20,119	52,408	102,496
Public Health							
Public Health	565	215	-	-	-	-	780
Information Technology Services							
Information Technology Services	51,186	14,757	61,024	23,831	84,855	150,531	301,329
Property Services							
Business Initiatives	698	334	-	10,400	10,400	2,300	13,732
Capital Improvements	10,699	2,692	1,771	4,318	6,089	28,809	48,289
Land Acquisition & Corporate Construction	23,485	4,520	29,885	27,085	56,970	202,987	287,962
New Construction & Accommodation	4,791	2,223	2,400	2,010	4,410	8,705	20,129

2014 Capital Budget

York Region-Capital Spending Authority Outlook Change

(In \$000's)	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Total Estimated Cost
Capital Allocated Salaries (PSB & Client Projects)	-	2,133	2,314	382	2,696	31,061	35,890
Property Services	39,673	11,902	36,370	44,195	80,565	273,862	406,002
York Region Rapid Transit Corporation							
York Region Rapid Transit Corporation	471,481	287,610	482,804	123,561	606,365	-	1,365,456
York Regional Police							
York Regional Police	11,461	30,198	48,874	(2,064)	46,810	147,670	236,139
Total York Region	3,512,121	974,762	2,209,550	425,495	2,635,045	5,125,296	12,247,224

* Projects moved to new Transportation Property and Facilities program.

2014 Capital Budget Gross Capital Expenditures by Program Group - Capital Spending Authority

(in \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total CSA
Transportation Property and Facilities											
Transportation Property and Facilities	50,900	3,200	7,200	5,500	-	-	-	-	-	-	66,800
York Region Transit/VIVA											
Growth	19,539	3,662	-	-	-	-	-	-	-	-	23,201
Rehabilitation & Replacement	8,384	6,636	-	-	-	-	-	-	-	-	15,020
Subtotal York Region Transit/VIVA	27,923	10,298	-	-	-	-	-	-	-	-	38,221
Roads											
Growth	89,743	65,121	45,234	25,490	100	-	-	-	-	-	225,688
Rehabilitation & Replacement	27,663	1,100	365	700	-	-	-	-	-	-	29,828
Subtotal Roads	117,406	66,221	45,599	26,190	100	-	-	-	-	-	255,516
Traffic Management & Intelligent Transportation Systems											
Traffic Management & Intelligent Transportation Systems	12,990	2,564	3,025	1,060	-	-	-	-	-	-	19,639
Water											
Growth	101,608	73,520	87,880	69,180	28,570	6,240	930	1,170	-	-	369,098
Rehabilitation & Replacement	26,141	19,175	3,670	5,450	10	10	-	-	-	-	54,456
Subtotal Water	127,749	92,695	91,550	74,630	28,580	6,250	930	1,170	-	-	423,554
Wastewater											
Growth	265,245	255,640	148,557	71,300	25,120	15,250	8,550	-	-	-	789,662
Rehabilitation & Replacement	37,485	21,980	1,850	920	200	-	-	-	-	-	62,435
Subtotal Wastewater	302,730	277,620	150,407	72,220	25,320	15,250	8,550	-	-	-	852,097
Waste Management											
Growth	18,832	18,020	6,075	-	-	-	-	-	-	-	42,927
Rehabilitation & Replacement	6,850	700	-	-	-	-	-	-	-	-	7,550
Subtotal Waste Management	25,682	18,720	6,075	-	-	-	-	-	-	-	50,477

2014 Capital Budget Gross Capital Expenditures by Program Group - Capital Spending Authority

(in \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total CSA
Natural Heritage & Forestry											
Natural Heritage & Forestry	5,076	-	-	-	-	-	-	-	-	-	5,076
Housing Services											
Housing Services	64,764	11,287	5,147	-	-	-	-	-	-	-	81,198
Long Term Care											
Long Term Care	3,753	-	-	-	-	-	-	-	-	-	3,753
Emergency Medical Services											
Emergency Medical Services	14,972	4,440	707	-	-	-	-	-	-	-	20,119
Information Technology Services											
Information Technology	25,765	20,488	21,691	16,911	-	-	-	-	-	-	84,855
Property Services											
Business Initiatives	10,400	-	-	-	-	-	-	-	-	-	10,400
Capital Improvements	6,089	-	-	-	-	-	-	-	-	-	6,089
Land Acquisition & Corporate Construction	51,902	1,390	845	957	1,045	685	146	-	-	-	56,970
New Construction & Accommodation	4,410	-	-	-	-	-	-	-	-	-	4,410
Capital Allocated Salaries (PSB & Client Projects)	2,696	-	-	-	-	-	-	-	-	-	2,696
Subtotal Property Services	75,497	1,390	845	957	1,045	685	146	-	-	-	80,565
York Region Rapid Transit Corporation											
York Region Rapid Transit Corporation	287,297	162,832	141,815	8,609	4,331	1,481	-	-	-	-	606,365
York Regional Police											
York Regional Police	29,350	15,520	1,940	-	-	-	-	-	-	-	46,810
Total Gross Expenditures	1,171,854	687,275	476,001	206,077	59,376	23,666	9,626	1,170	-	-	2,635,045

York Region Rapid Transit Corporation and York Regional Police capital is approved by project and program groups do not apply.

2014 Capital Budget
York Region Financing Sources Capital Spending Authority
(In \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total CSA
Regional											
Current Tax Levy - Reserves	38,621	10,401	4,117	3,136	-	-	-	-	-	-	56,275
Development Charges	142,471	112,745	108,501	103,506	50,061	21,336	9,480	1,170	-	-	549,270
Other Recoveries	75,131	33,518	8,045	-	-	-	-	-	-	-	116,694
Reserves	270,684	73,279	61,122	20,691	5,476	2,166	146	-	-	-	433,564
User Rates	30,604	9,318	2,270	3,165	100	-	-	-	-	-	45,457
Sub Total Regional	557,511	239,261	184,055	130,498	55,637	23,502	9,626	1,170	-	-	1,201,260
External											
Federal Funding	118,567	62,992	43,988	4,730	-	-	-	-	-	-	230,277
Provincial Funding	94,471	47,841	47,907	4,314	-	-	-	-	-	-	194,533
Other Recoveries	16,008	21,126	20,496	8,441	1,631	154	-	-	-	-	67,856
Sub Total External	229,046	131,959	112,391	17,485	1,631	154	-	-	-	-	492,666
Total Available Financing	786,557	371,220	296,446	147,983	57,268	23,656	9,626	1,170	-	-	1,693,926
Debenture											
Debenture Proceeds DC	334,607	259,922	153,630	41,721	-	-	-	-	-	-	789,880
Debenture Proceeds User Rate	50,690	56,133	25,925	16,373	2,108	10	-	-	-	-	151,239
Sub Total Debenture	385,297	316,055	179,555	58,094	2,108	10	-	-	-	-	941,119
Total Financing Sources	1,171,854	687,275	476,001	206,077	59,376	23,666	9,626	1,170	-	-	2,635,045

2014 Capital Budget York Region - 2014 Capital Spending Authority Financing Sources by Program

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/ure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
Transportation Property and Facilities								
Transportation Property and Facilities	66,800	500	-	49,550	3,850	12,900	-	-
York Region Transit/Viva								
Growth	23,201	-	-	-	1,450	21,751	-	-
Rehabilitation & Replacement	15,020	7,278	7,652	-	-	90	-	-
York Region Transit/Viva	38,221	7,278	7,652	-	1,450	21,841	-	-
Roads								
Growth	225,688	27,721	1,580	172,536	1,163	10,944	-	11,744
Rehabilitation & Replacement	29,828	15,274	9,958	3,583	965	-	-	48
Roads	255,516	42,995	11,538	176,119	2,128	10,944	-	11,792
Traffic Management & Intelligent Transportation Systems								
Traffic Management & Intelligent Transportation Systems	19,639	4,166	200	-	12,539	2,734	-	-
Water								
Growth	369,098	-	-	355,838	6,375	-	6,885	-
Rehabilitation & Replacement	54,456	-	-	33,440	-	-	21,016	-
Water	423,554	-	-	389,278	6,375	-	27,901	-
Wastewater								
Growth	789,662	-	-	628,121	1,895	-	-	159,646
Rehabilitation & Replacement	62,435	-	-	44,879	-	-	17,556	-
Wastewater	852,097	-	-	673,000	1,895	-	17,556	159,646
Waste Management								
Growth	42,927	-	8,252	34,675	-	-	-	-

2014 Capital Budget York Region - 2014 Capital Spending Authority Financing Sources by Program

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/ure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
Rehabilitation & Replacement	7,550	-	7,550	-	-	-	-	-
Waste Management	50,477	-	15,802	34,675	-	-	-	-
Natural Heritage & Forestry								
Natural Heritage & Forestry	5,076	1,025	3,371	-	680	-	-	-
Housing Services								
Housing Services	81,198	-	53,195	10,287	1,886	13,830	-	2,000
Long Term Care								
Long Term Care	3,753	-	2,868	885	-	-	-	-
Emergency Medical Services								
Emergency Medical Services	20,119	67	4,419	15,228	405	-	-	-
Information Technology Services								
Information Technology Services	84,855	-	84,855	-	-	-	-	-
Property Services								
Business Initiatives	10,400	-	400	10,000	-	-	-	-
Capital Improvements	6,089	-	4,789	1,300	-	-	-	-
Land Acquisition & Corporate Construction	56,970	-	45,800	8,970	2,200	-	-	-
New Construction & Accommodation	4,410	244	4,166	-	-	-	-	-
Capital Allocated Salaries (PSB & Client Projects)	2,696	-	2,696	-	-	-	-	-
Property Services	80,565	244	57,851	20,270	2,200	-	-	-
York Region Rapid Transit Corporation								
York Region Rapid Transit Corporation	606,365	-	13,912	189,897	32,960	362,561	-	7,035

2014 Capital Budget York Region - 2014 Capital Spending Authority Financing Sources by Program

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debt Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
York Regional Police								
York Regional Police	46,810	-	6,860	35,018	855	-	-	4,077
Corporate Debt Reduction								
Corporate Debt Reduction	-	-	171,041	(653,088)	482,047	-	-	-
Total York Region Financing Sources	2,635,045	56,275	433,564	941,119	549,270	424,810	45,457	184,550

York Region Rapid Transit Corporation and York Regional Police capital is approved by project and program groups do not apply.

2014 Capital Budget Gross Capital Expenditures by Program Group - 10 Year Capital Plan (in \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	10 Year Total
Transportation Property and Facilities											
Transportation Property and Facilities	50,900	3,750	49,500	65,800	31,100	1,600	10,500	15,500	500	3,500	232,650
York Region Transit/VIVA											
Growth	19,539	9,057	19,135	18,570	1,485	9,228	1,160	6,538	16,231	16,751	117,694
Rehabilitation & Replacement	8,384	24,237	14,170	43,730	8,820	18,995	24,923	22,175	69,559	22,912	257,905
Subtotal York Region Transit/VIVA	27,923	33,294	33,305	62,300	10,305	28,223	26,083	28,713	85,790	39,663	375,599
Roads											
Growth	89,743	98,864	97,178	95,860	96,768	95,430	95,026	89,989	60,550	67,314	886,722
Rehabilitation & Replacement	27,663	24,026	24,725	25,480	26,310	25,520	28,000	30,730	34,761	33,680	280,895
Subtotal Roads	117,406	122,890	121,903	121,340	123,078	120,950	123,026	120,719	95,311	100,994	1,167,617
Traffic Management & Intelligent Transportation Systems											
Traffic Management & Intelligent Transportation Systems	12,990	16,865	20,687	21,509	13,566	11,148	10,705	10,812	8,219	8,076	134,577
Water											
Growth	101,608	87,596	127,220	100,888	58,035	65,325	62,365	26,595	10,605	15,535	655,772
Rehabilitation & Replacement	26,141	37,468	30,785	26,742	27,200	14,388	14,318	12,803	19,250	26,110	235,205
Subtotal Water	127,749	125,064	158,005	127,630	85,235	79,713	76,683	39,398	29,855	41,645	890,977
Wastewater											
Growth	265,245	261,470	262,340	290,800	161,840	180,540	152,810	33,280	48,030	38,760	1,695,115
Rehabilitation & Replacement	37,485	45,196	49,316	70,419	63,874	75,392	36,322	31,572	15,863	60,388	485,827
Subtotal Wastewater	302,730	306,666	311,656	361,219	225,714	255,932	189,132	64,852	63,893	99,148	2,180,942
Waste Management											
Growth	18,832	18,020	6,075	-	350	6,900	2,750	2,000	-	-	54,927
Rehabilitation & Replacement	6,850	2,578	609	1,533	744	200	3,459	436	450	839	17,698
Subtotal Waste Management	25,682	20,598	6,684	1,533	1,094	7,100	6,209	2,436	450	839	72,625

2014 Capital Budget Gross Capital Expenditures by Program Group - 10 Year Capital Plan (in \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	10 Year Total
Natural Heritage & Forestry											
Natural Heritage & Forestry	5,076	2,081	2,098	1,896	1,703	1,784	1,550	1,522	1,650	1,600	20,960
Housing Services											
Housing Services	64,764	12,367	33,829	13,299	80	704	5,075	6,320	1,472	11,228	149,138
Long Term Care											
Long Term Care	3,753	2,268	3,368	533	368	428	433	468	368	433	12,420
Emergency Medical Services											
Emergency Medical Services	14,972	13,063	8,758	4,214	5,974	7,236	5,198	3,384	5,774	3,954	72,527
Information Technology Services											
Information Technology	25,765	20,488	21,691	16,911	15,891	12,590	14,969	15,617	12,981	12,119	169,022
Property Services											
Business Initiatives	10,400	250	250	250	250	260	260	260	260	260	12,700
Capital Improvements	6,089	8,873	2,251	3,803	1,092	3,660	1,653	1,021	4,984	1,472	34,898
Land Acquisition & Corporate Construction	51,902	1,390	15,947	73,143	75,701	41,728	146	-	-	-	259,957
New Construction & Accommodation	4,410	3,400	2,400	400	400	421	421	421	421	421	13,115
Capital Allocated Salaries (PSB & Client Projects)	2,696	2,997	3,657	3,889	4,143	3,275	3,275	3,275	3,275	3,275	33,757
Subtotal Property Services	75,497	16,910	24,505	81,485	81,586	49,344	5,755	4,977	8,940	5,428	354,427
York Region Rapid Transit Corporation											
York Region Rapid Transit Corporation	287,297	162,832	141,815	8,609	4,331	1,481	-	-	-	-	606,365
York Regional Police											
York Regional Police	29,350	28,901	18,685	31,968	15,740	14,146	15,433	14,762	12,758	12,737	194,480
Total Gross Expenditures	1,171,854	888,037	956,489	920,246	615,765	592,379	490,751	329,480	327,961	341,364	6,634,326

York Region Rapid Transit Corporation and York Regional Police capital is approved by project and program groups do not apply.

2014 Capital Budget
York Region Financing Sources 10 Year Capital Plan
(In \$000's)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	10 Year Total
Regional											
Current Tax Levy - Reserves	38,621	49,723	46,838	46,439	44,127	50,361	49,806	52,604	52,138	52,072	482,729
Development Charges	142,471	124,821	127,364	129,481	122,497	114,002	114,232	110,962	113,038	117,033	1,215,901
Other Recoveries	75,131	33,858	8,395	360	1,060	370	880	380	390	400	121,224
Reserves	270,684	117,431	148,387	153,364	69,453	74,863	66,793	66,652	106,482	48,424	1,122,533
User Rates	30,604	39,080	38,864	41,247	28,144	22,897	18,912	18,502	21,279	22,434	281,963
Sub Total Regional	557,511	364,913	369,848	370,891	265,281	262,493	250,623	249,100	293,327	240,363	3,224,350
External											
Federal Funding	118,567	74,726	80,520	28,730	3,467	10,415	4,054	9,350	12,051	17,512	359,392
Provincial Funding	94,471	47,931	57,003	4,404	1,540	2,212	9,374	9,716	383	3,166	230,200
Other Recoveries	16,008	21,528	23,885	10,445	3,897	14,336	13,944	13,270	4,979	15,448	137,740
Sub Total External	229,046	144,185	161,408	43,579	8,904	26,963	27,372	32,336	17,413	36,126	727,332
Total Available Financing	786,557	509,098	531,256	414,470	274,185	289,456	277,995	281,436	310,740	276,489	3,951,682
Debenture											
Region Of York Housing	-	-	-	7,078	-	133	1,064	1,329	296	2,374	12,274
Debenture Proceeds DC	334,607	306,898	357,121	374,459	193,982	221,496	181,589	22,205	-	6,350	1,998,707
Debenture Proceeds Tax Levy	-	-	-	51,241	79,109	22,534	-	-	-	-	152,884
Debenture Proceeds User Rate	50,690	72,041	68,112	72,998	68,489	58,760	30,103	24,510	16,925	56,151	518,779
Sub Total Debenture	385,297	378,939	425,233	505,776	341,580	302,923	212,756	48,044	17,221	64,875	2,682,644
Total Financing Sources	1,171,854	888,037	956,489	920,246	615,765	592,379	490,751	329,480	327,961	341,364	6,634,326

2014 Capital Budget York Region - 10 Year Plan Financing Sources by Program 2014 - 2023

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/ure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
Transportation Property and Facilities								
Transportation Property and Facilities	232,650	5,000	-	181,899	20,454	25,297	-	-
York Region Transit/Viva								
Growth	117,694	-	-	-	32,004	85,690	-	-
Rehabilitation & Replacement	257,905	117,560	139,905	-	-	440	-	-
York Region Transit/Viva	375,599	117,560	139,905	-	32,004	86,130	-	-
Roads								
Growth	886,722	107,096	1,580	701,008	10,208	30,544	-	36,286
Rehabilitation & Replacement	280,895	220,194	31,623	27,565	965	-	-	548
Roads	1,167,617	327,290	33,203	728,573	11,173	30,544	-	36,834
Traffic Management & Intelligent Transportation Systems								
Traffic Management & Intelligent Transportation Systems	134,577	22,983	16,100	-	55,698	39,796	-	-
Water								
Growth	655,772	-	-	574,188	39,900	-	41,684	-
Rehabilitation & Replacement	235,205	-	-	126,664	310	-	108,231	-
Water	890,977	-	-	700,852	40,210	-	149,915	-
Wastewater								
Growth	1,695,115	-	-	1,522,674	4,215	-	-	168,226
Rehabilitation & Replacement	485,827	-	-	319,195	-	-	132,048	34,584
Wastewater	2,180,942	-	-	1,841,869	4,215	-	132,048	202,810
Waste Management								
Growth	54,927	-	8,252	46,675	-	-	-	-

2014 Capital Budget York Region - 10 Year Plan Financing Sources by Program 2014 - 2023

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
Rehabilitation & Replacement	17,698	-	17,698	-	-	-	-	-
Waste Management	72,625	-	25,950	46,675	-	-	-	-
Natural Heritage & Forestry								
Natural Heritage & Forestry	20,960	7,389	5,891	-	7,680	-	-	-
Housing Services								
Housing Services	149,138	-	73,020	26,968	1,886	45,264	-	2,000
Long Term Care								
Long Term Care	12,420	-	8,080	4,340	-	-	-	-
Emergency Medical Services								
Emergency Medical Services	72,527	67	39,683	30,549	2,228	-	-	-
Information Technology Services								
Information Technology Services	169,022	-	169,022	-	-	-	-	-
Property Services								
Business Initiatives	12,700	-	2,700	10,000	-	-	-	-
Capital Improvements	34,898	-	26,648	8,250	-	-	-	-
Land Acquisition & Corporate Construction	259,957	-	45,800	211,957	2,200	-	-	-
New Construction & Accommodation	13,115	2,440	10,675	-	-	-	-	-
Capital Allocated Salaries (PSB & Client Projects)	33,757	-	33,757	-	-	-	-	-
Property Services	354,427	2,440	119,580	230,207	2,200	-	-	-
York Region Rapid Transit Corporation								
York Region Rapid Transit Corporation	606,365	-	13,912	189,897	32,960	362,561	-	7,035

2014 Capital Budget York Region - 10 Year Plan Financing Sources by Program 2014 - 2023

(In \$000's)

	Capital Project Total	Tax Levy - Reserves	Reserves	Debt Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
York Regional Police								
York Regional Police	194,480	-	62,210	113,224	8,761	-	-	10,285
Corporate Debt Reduction								
Corporate Debt Reduction	-	-	415,977	(1,412,409)	996,432	-	-	-
Total York Region Financing Sources	6,634,326	482,729	1,122,533	2,682,644	1,215,901	589,592	281,963	258,964

York Region Rapid Transit Corporation and York Regional Police capital is approved by project and program groups do not apply.

INTENTIONAL BLANK

Property and Facilities Capital Program

Capital Strategy

For the 2014 Budget and outlook years, Transportation and Community Planning has made the strategic decision to separate the land/real estate and facilities capital expenditures related to Roads and Transit capital and move them to the management of the Commissioner's Office. This provides senior management with a more strategic ability to directly monitor and influence the expenditures associated with land and property acquisition.

The Transportation and Community Planning Facilities capital program is aligned with the corporate strategic plan in the following priority area:

Continue to deliver and sustain critical infrastructure

- Continue to prioritize new capital infrastructure projects to support managed growth and optimize community benefit

Key Initiatives

Capital expenses related to land/real estate required to support Transportation facility strategies are programmed through the Commissioner's Office. Due to the sensitivity and critical timing nature of real estate transactions, decisions may require priority and direct communication between the Commissioners' Office and other Regional Departments such as Corporate Services (Legal, Property Services and the CAO's Office). However, once the project is complete, the operating costs related to the facilities will be programmed back into the operating business units.

Transit (YRT/Viva)

- Implement the operations and maintenance facilities strategy for North, Southeast and South areas. Below is a timeline of the planned facilities:



- Land purchase for the development of 2 parking lots: in the areas of Jane Street and Major Mackenzie Drive and Leslie Street and Major Mackenzie Drive. These parking lots will be in support of the 2017 Viva Network Plan.

Property and Facilities Capital Program

Roads

- Additional maintenance facilities are required to maintain service levels as the Regional Road network expands and urbanizes. A review is underway to determine future maintenance facility requirements. Based on preliminary assessments, below is a timeline for facility related projects:



New Projects Added to the 2014 Budget

The following are new projects introduced as part of this budget cycle:

New Projects	Planned Start Date
2017 vivaNext Network – Parking Lots	2017

Property and Facilities Capital Program

Summary of Capital Program

Below is a summary of the planned facility expansions and estimated land and construction costs:

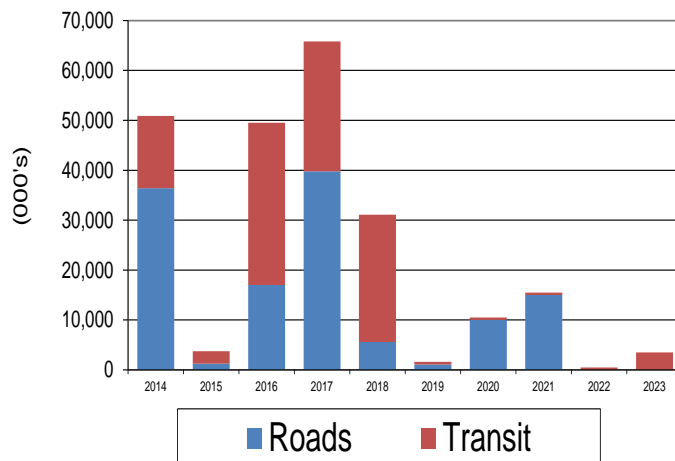
		Budget (#'s in 000's)
Transit (YRT/Viva)		
	Parking facility	\$ 20,000
	Garage - north	27,500
	Garage - southeast	29,000
	Garage - #4	25,000
		\$ 101,500
Roads		
	Works patrol yard – southeast replacement	66,650
	Roads operations facility strategy and implementation	52,000
	Snow management facility	7,500
		\$ 126,150
Other		
	TCP office expansion	5,000
		\$ 232,650

Long Term Outlook

Total expenditures are budgeted at \$233 million.

Capital spending is high in 2014 due to the land purchase for a North Transit Garage and a South East Roads Maintenance Patrol Yard. Spending is also high in 2016 and 2017 due to the planned development of two parking garages for Transit and construction of the South East Roads Maintenance Patrol Yard.

Investment in TCP Facilities



Property and Facilities Capital Program

Pressures of Net Operating Impact of New Capital Projects

The net operating impacts for the new facilities relate to financing costs and partial recoveries from Development Charges.

As Transit develops its own facilities and reduces reliance on contractors' facilities, it is anticipated that facility maintenance costs will be offset by reduced contractor rates.

Property and Facilities Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	-	-	-	-	-
Financing Costs	569	3,655	541	4,137	4,083	4,286
Occupancy Costs	-	-	27	1	151	101
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	569	3,655	568	4,138	4,234	4,387
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	300	1,615	191	816	621	160
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	300	1,615	191	816	621	160
Net Operating Impact	269	2,040	377	3,322	3,613	4,227

2014 Capital Budget

Property and Facilities-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
80240: Snow Management Facility	-	-	-	-	-	7,500	7,500
81040: York Region Roads Operations Facility Strategy	-	-	-	-	-	52,000	52,000
81582: Transit Vehicle Garage - North	-	-	27,500	27,500	27,500	-	27,500
81583: Transit Vehicle Garage - Southeast	-	-	-	-	-	92,000	92,000
81584: Transit Vehicle Garages #4	-	-	-	-	-	25,000	25,000
82155: Parking Facilities	-	-	-	-	-	20,000	20,000
85790: Southeast Patrol Area Works Yard	-	-	38,800	38,800	38,800	27,850	66,650
86117: Transportation & Community Planning Office Expansion	-	-	500	500	500	4,500	5,000
Total Gross Expenditures	-	-	-	66,800	66,800	228,850	295,650
Financing Sources							
Regional							
Current Tax Levy - Reserves	-	-	500	500	500	4,500	5,000
Development Charges	-	-	3,850	3,850	3,850	29,267	33,117
Sub Total Regional	-	-	-	4,350	4,350	33,767	38,117
External							
Federal Funding	-	-	12,900	12,900	12,900	62,734	75,634
Sub Total External	-	-	-	12,900	12,900	62,734	75,634
Total Available Financing	-	-	-	17,250	17,250	96,501	113,751
Total Debenture Requirements	-	-	-	49,550	49,550	132,349	181,899
Total Financing Sources	-	-	-	66,800	66,800	228,850	295,650
Debtenture Proceeds DC	-	-	-	25,608	25,608	20,631	46,239
Debtenture Proceeds Tax Levy	-	-	-	23,942	23,942	111,718	135,660
Total Debtenture Requirements	-	-	-	49,550	49,550	132,349	181,899

**2014 Capital Budget
Property and Facilities - Capital Spending Authority
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
81582 Transit Vehicle Garage - North	-	-	14,000	2,000	6,000	5,500	-	-	27,500	-	27,500
85790 Southeast Patrol Area Works Yard	-	-	36,400	1,200	1,200	-	-	-	38,800	-	38,800
86117 Transportation & Community Planning Office Expansion	-	-	500	-	-	-	-	-	500	-	500
Total Gross Expenditures	-	-	50,900	3,200	7,200	5,500	-	-	66,800	-	66,800

**2014 Capital Budget
Property and Facilities - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	-	-	500	-	-	-	-	-	500	-	500
Development Charges	-	-	1,960	280	840	770	-	-	3,850	-	3,850
Sub Total Regional	-	-	2,460	280	840	770	-	-	4,350	-	4,350
External											
Federal Funding	-	-	1,290	1,720	5,160	4,730	-	-	12,900	-	12,900
Sub Total External	-	-	1,290	1,720	5,160	4,730	-	-	12,900	-	12,900
Total Available Financing	-	-	3,750	2,000	6,000	5,500	-	-	17,250	-	17,250
Debtenture											
Debtenture Proceeds DC	-	-	24,024	792	792	-	-	-	25,608	-	25,608
Debtenture Proceeds Tax Levy	-	-	23,126	408	408	-	-	-	23,942	-	23,942
Sub Total Debtenture	-	-	47,150	1,200	1,200	-	-	-	49,550	-	49,550
Total Financing Sources	-	-	50,900	3,200	7,200	5,500	-	-	66,800	-	66,800

2014 Capital Budget Property and Facilities - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81582	Transit Vehicle Garage - North	27,500	-	-	10,750	3,850	12,900	-	-
85790	Southeast Patrol Area Works Yard	38,800	-	-	38,800	-	-	-	-
86117	Transportation & Community Planning Office Expansion	500	500	-	-	-	-	-	-
Total Tax Supported		66,800	500	-	49,550	3,850	12,900	-	-

**2014 Capital Budget
Property and Facilities - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
80240	-	-	-	2,500	2,500	2,500	2,500	-	7,500	-	7,500
81040	-	-	-	-	-	25,000	2,000	25,000	52,000	-	52,000
81582	-	-	14,000	2,000	6,000	5,500	-	-	27,500	-	27,500
81583	-	-	-	-	26,000	-	-	3,000	29,000	63,000	92,000
81584	-	-	-	-	-	-	25,000	-	25,000	-	25,000
82155	-	-	-	-	-	20,000	-	-	20,000	-	20,000
85790	-	-	36,400	1,250	14,500	12,300	1,100	1,100	66,650	-	66,650
86117	-	-	500	500	500	500	500	2,500	5,000	-	5,000
Total Gross Expenditures	-	-	50,900	3,750	49,500	65,800	31,100	31,600	232,650	63,000	295,650

**2014 Capital Budget
Property and Facilities - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	-	-	500	500	500	500	500	2,500	5,000	-	5,000
Development Charges	-	-	1,960	280	6,066	770	10,775	603	20,454	12,663	33,117
Sub Total Regional	-	-	2,460	780	6,566	1,270	11,275	3,103	25,454	12,663	38,117
External											
Federal Funding	-	-	1,290	1,720	5,160	14,730	-	2,397	25,297	50,337	75,634
Sub Total External	-	-	1,290	1,720	5,160	14,730	-	2,397	25,297	50,337	75,634
Total Available Financing	-	-	3,750	2,500	11,726	16,000	11,275	5,500	50,751	63,000	113,751
Debtenture											
Debtenture Proceeds DC	-	-	24,024	825	10,320	8,868	1,476	726	46,239	-	46,239
Debtenture Proceeds Tax Levy	-	-	23,126	425	27,454	40,932	18,349	25,374	135,660	-	135,660
Sub Total Debtenture	-	-	47,150	1,250	37,774	49,800	19,825	26,100	181,899	-	181,899
Total Financing Sources	-	-	50,900	3,750	49,500	65,800	31,100	31,600	232,650	63,000	295,650

2014 Capital Budget Property and Facilities - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
80240	Snow Management Facility	7,500	-	-	7,500	-	-	-	-
81040	York Region Roads Operations Facility Strategy	52,000	-	-	52,000	-	-	-	-
81582	Transit Vehicle Garage - North	27,500	-	-	10,750	3,850	12,900	-	-
81583	Transit Vehicle Garage - Southeast	29,000	-	-	20,774	5,829	2,397	-	-
81584	Transit Vehicle Garages #4	25,000	-	-	14,225	10,775	-	-	-
82155	Parking Facilities	20,000	-	-	10,000	-	10,000	-	-
85790	Southeast Patrol Area Works Yard	66,650	-	-	66,650	-	-	-	-
86117	Transportation & Community Planning Office Expansion	5,000	5,000	-	-	-	-	-	-
Total Tax Supported		232,650	5,000	-	181,899	20,454	25,297	-	-

Capital Strategy

The 2012-2016 Five-Year Service Plan describes the next few years as a period of service realignment, followed by a period of growth and a mature state thereafter (see Figure-1). The Ten-Year Capital Plan is based on these phases and incorporates aspects of the:

- *Regional Official Plan*
- *Transportation Master Plan*
- *Five-Year Service Plan*
- *Corporate Strategic Plan.*



The Plan covers the current period of service realignment and transitions to a period of system growth. The Capital Plan identifies the fleet and facilities required for future service needs. It is linked to three major corporate strategic plan priority areas:

- 1.) Continue to deliver and sustain critical infrastructure
 - Continue to prioritize new capital infrastructure projects to support managed growth and optimize community benefit
- 2.) Focusing growth along Regional centres and corridors
 - Increase the intensified mixed-use development in Regional centres and corridors consistent with intensification targets
- 3.) Maintaining assets in a state of good repair (primarily fleet focus)

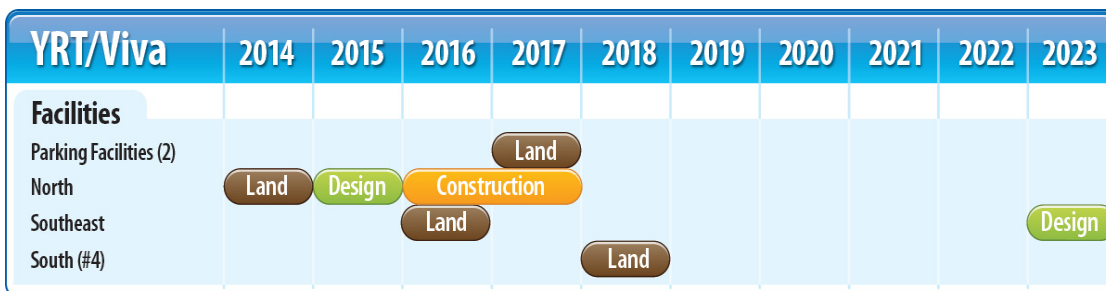
Key Initiatives

The Ten-Year Capital Plan includes significant capital initiatives such as:

- The completion of 36 km of vivaNext rapidways and the opening of the Spadina subway (both primarily funded by Metrolinx).
- The proposed 2017 Rapid Transit Network Plan will contribute to York Region’s long-term 2031 Transit Network vision. The changes will adjust and optimize existing Viva service for operation on vivaNext rapidways and launch new Viva service to expand and integrate York Region’s rapid transit network.
- Fleet expansion to meet service change and growth for vivaNext rapidways, Spadina subway and 2017 Rapid Transit Network. Future bus growth and replacement requirements are significantly less than those proposed in the service plan from five years ago.

Fleet Inventory	2013	Growth	2023	Replace
Conventional	339	118	457	105
Viva	123	24	147	96
Mobility Plus	20	11	31	21
Totals	482	153	635	222

- A Viva garage will be coming into operation in 2015. This project is budgeted and funded as part of the York Region Rapid Transit Corporation’s capital budget.
- To better coordinate efforts amongst the branches, all department capital projects which include land purchases are included in the Transportation and Community Planning’s Property and Facilities capital budget. Although not budgeted in this section, these facilities are significant components of the branch’s business plan. Below is a timeline of the planned facilities:



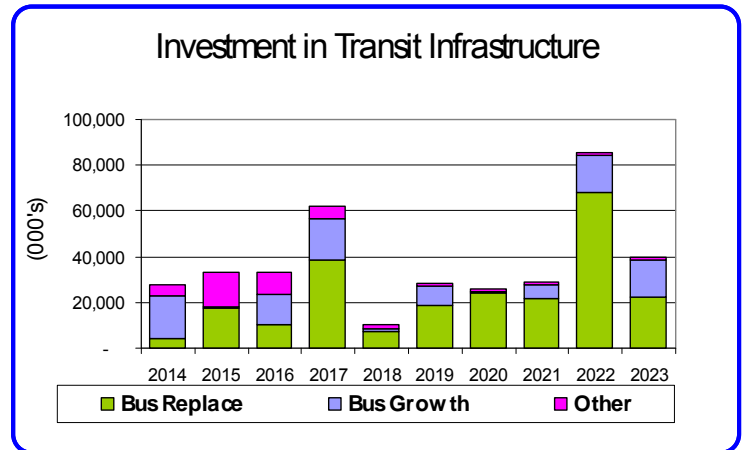
- Ensuring a state of good repair for fleet. This covers mid-life bus refurbishment and the replacement of existing vehicles.
- Upgrades and expansion to transit bus stops, terminals and facilities.

Long Term Outlook

The Transit Ten-Year Capital Plan expenditures total \$376 million. Of the total capital spending, 62% relates to fleet replacement. 2017 is higher due to:

- Viva bus replacement and
- The additional fleet requirement for 2017 Rapid Transit Network Plan

Later, in 2022, there will be the need for significant bus replacement.



Net Operating Impacts on Capital

The primary pressure is from payments to contractors and maintenance costs for new buses. Contractor payments include conventional operations (approximate \$251,000 per bus per year), Viva operations (approximate \$262,000 per bus per year), and Mobility Plus operations (approximate \$122,000 per bus per year).

Revenues relate to fare revenues budgeted with additional service hours.

York Region Transit Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	2,811	5,998	2,869	5,833	2,647	15,183
General Expenses	-	-	-	-	-	-
Financing Costs	-	-	-	-	-	-
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	2,811	5,998	2,869	5,833	2,647	15,183
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	690	2,215	514	1,912	984	4,823
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	690	2,215	514	1,912	984	4,823
Net Operating Impact	2,121	3,783	2,355	3,921	1,663	10,360

2014 Capital Budget

York Region Transit-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Growth							
Gross Expenditures							
81585: BRT Garage	-	-	-	2,882	2,882	-	2,882
82150: Bus Terminals, Loops & Stops - Expansion	10,789	2,000	950	300	1,250	13,848	27,887
82770: Support Vehicles	826	140	50	(10)	40	960	1,966
84399: Mobility Plus Bus Expansion	-	-	-	780	780	2,080	2,860
84513: Conventional Bus Expansion - 2013/2014	-	-	6,636	11,613	18,249	-	18,249
84599: Conventional Bus Expansion	-	-	9,954	(9,954)	-	47,005	47,005
84799: Viva Bus Expansion	-	-	-	-	-	30,600	30,600
Total Gross Expenditures	11,615	2,140	17,590	5,611	23,201	94,493	131,449
Financing Sources							
Regional							
Current Tax Levy - Reserves	393	-	-	-	-	-	393
Development Charges	1,239	174	1,145	305	1,450	30,554	33,417
Reserves	1,047	-	-	-	-	-	1,047
Sub Total Regional	2,679	174	1,145	305	1,450	30,554	34,857
External							
Federal Funding	5,332	1,966	16,445	5,306	21,751	63,939	92,988
Provincial Funding	933	-	-	-	-	-	933
Sub Total External	6,265	1,966	16,445	5,306	21,751	63,939	93,921
Total Available Financing	8,944	2,140	17,590	5,611	23,201	94,493	128,778
Total Debenture Requirements	2,671	-	-	-	-	-	2,671
Total Financing Sources	11,615	2,140	17,590	5,611	23,201	94,493	131,449
Debt Proceeds Tax Levy	2,671	-	-	-	-	-	2,671

2014 Capital Budget

York Region Transit-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Debenture Requirements	2,671	-	-	-	-	-	2,671

Rehabilitation & Replacement

Gross Expenditures

82190: Bus Terminals, Loops & Stops - Replacement	5,843	750	2,265	(100)	2,165	10,690	19,448
83970: Bike Racks	305	40	40	-	40	200	585
84499: Mobility Plus Bus Replacement	-	-	-	-	-	5,460	5,460
84699: Conventional Bus Replacement	-	-	-	7,189	7,189	50,876	58,065
84899: Viva Bus Replacement	-	-	-	-	-	99,400	99,400
86100: Facility Security	397	175	125	51	176	1,134	1,882
86101: Bus Training Simulator	1,193	-	-	-	-	1,200	2,393
86102: Viva Bus Refresh	4,084	800	-	400	400	6,440	11,724
86103: Bike Racks & Lockers	42	-	-	50	50	150	242
86110: Vehicle Diagnostic System	-	-	2,540	(1,600)	940	7,880	8,820
86112: Conv Bus Major Structural Refurbishing & Mechanical Overhaul	11	2,275	4,375	(865)	3,510	52,455	58,251
86113: Viva Bus Major Structural Refurbishing & Mechanical Overhaul	-	-	-	-	-	7,000	7,000
86118: Bus Conversion	-	2,300	-	550	550	-	2,850
Total Gross Expenditures	11,875	6,340	9,345	5,675	15,020	242,885	276,120

Financing Sources

Regional

Current Tax Levy - Reserves	9,077	3,779	8,598	(1,320)	7,278	110,282	130,416
Development Charges	5	-	-	-	-	-	5
Other Recoveries	15	-	-	-	-	-	15
Reserves	906	1,621	707	6,945	7,652	132,253	142,432

2014 Capital Budget

York Region Transit-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Sub Total Regional	10,003	5,400	9,305	5,625	14,930	242,535	272,868
External							
Provincial Funding	1,702	940	40	50	90	350	3,082
Sub Total External	1,702	940	40	50	90	350	3,082
Total Available Financing	11,705	6,340	9,345	5,675	15,020	242,885	275,950
Total Debenture Requirements	170	-	-	-	-	-	170
Total Financing Sources	11,875	6,340	9,345	5,675	15,020	242,885	276,120
Debenture Proceeds Tax Levy	170	-	-	-	-	-	170
Total Debenture Requirements	170	-	-	-	-	-	170

2014 Capital Budget

York Region Transit-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
York Region Transit							
Garages	0	0	18,000	(18,000)	0	0	0
Growth	11,615	2,140	17,590	5,611	23,201	94,493	131,449
Rehabilitation & Replacement	11,875	6,340	9,345	5,675	15,020	242,885	276,120
Total Gross Expenditures	23,490	8,480	44,935	(6,714)	38,221	337,378	407,569
Regional							
Current Tax Levy - Reserves	9,470	3,779	8,598	(1,320)	7,278	110,282	130,809
Development Charges	1,244	174	3,665	(2,215)	1,450	30,554	33,422
Other Recoveries	15	0	0	0	0	0	15
Reserves	1,953	1,621	707	6,945	7,652	132,253	143,479
Sub Total Regional	12,682	5,574	12,970	3,410	16,380	273,089	307,725
External							
Federal Funding	5,332	1,966	21,175	576	21,751	63,939	92,988
Provincial Funding	2,635	940	40	50	90	350	4,015
Sub Total External	7,967	2,906	21,215	626	21,841	64,289	97,003
Total Available Financing	20,649	8,480	34,185	4,036	38,221	337,378	404,728
Total Debenture Requirements	2,841	-	10,750	(10,750)	-	-	2,841
Total Financing Sources	23,490	8,480	44,935	(6,714)	38,221	337,378	407,569
Debtenture Proceeds Tax Levy	2,841	-	10,750	(10,750)	-	-	2,841
Total Debenture Requirements	2,841	-	10,750	(10,750)	-	-	2,841

2014 Capital Budget York Region Transit - Projects by Program Group

Capital Spending Authority
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Program Group: Growth											
Gross Expenditures											
81585 BRT Garage	-	-	-	2,882	-	-	-	-	2,882	-	2,882
82150 Bus Terminals, Loops & Stops - Expansion	10,789	2,000	1,250	-	-	-	-	-	1,250	-	14,039
82770 Support Vehicles	826	140	40	-	-	-	-	-	40	-	1,006
84399 Mobility Plus Bus Expansion	-	-	-	780	-	-	-	-	780	-	780
84513 Conventional Bus Expansion - 2013/2014	-	-	18,249	-	-	-	-	-	18,249	-	18,249
Total	11,615	2,140	19,539	3,662	-	-	-	-	23,201	-	36,956
Financing Sources											
Current Tax Levy - Reserves	393	-	-	-	-	-	-	-	-	-	393
Development Charges	1,239	174	1,277	173	-	-	-	-	1,450	-	2,863
Reserves	1,047	-	-	-	-	-	-	-	-	-	1,047
Sub Total Regional	2,679	174	1,277	173	-	-	-	-	1,450	-	4,303
Federal Funding	5,332	1,966	18,262	3,489	-	-	-	-	21,751	-	29,049
Provincial Funding	933	-	-	-	-	-	-	-	-	-	933
Sub Total External	6,265	1,966	18,262	3,489	-	-	-	-	21,751	-	29,982
Total Available Financing	8,944	2,140	19,539	3,662	-	-	-	-	23,201	-	34,285
Total Debtenture Requirements	2,671	-	-	-	-	-	-	-	-	-	2,671
Total Financing Sources	11,615	2,140	19,539	3,662	-	-	-	-	23,201	-	36,956
Program Group: Rehabilitation & Replacement											
Gross Expenditures											
82190 Bus Terminals, Loops & Stops - Replacement	5,843	750	2,165	-	-	-	-	-	2,165	-	8,758
83970 Bike Racks	305	40	40	-	-	-	-	-	40	-	385
84699 Conventional Bus Replacement	-	-	553	6,636	-	-	-	-	7,189	-	7,189

2014 Capital Budget
York Region Transit - Projects by Program Group
 Capital Spending Authority
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
86100 Facility Security	397	175	176	-	-	-	-	-	176	-	748
86101 Bus Training Simulator	1,193	-	-	-	-	-	-	-	-	-	1,193
86102 Viva Bus Refresh	4,084	800	400	-	-	-	-	-	400	-	5,284
86103 Bike Racks & Lockers	42	-	50	-	-	-	-	-	50	-	92
86110 Vehicle Diagnostic System	-	-	940	-	-	-	-	-	940	-	940
86112 Conv Bus Major Structural Refurbishing & Mechanical Overhaul	11	2,275	3,510	-	-	-	-	-	3,510	-	5,796
86118 Bus Conversion	-	2,300	550	-	-	-	-	-	550	-	2,850
Total	11,875	6,340	8,384	6,636	6,636	-	-	-	15,020	-	33,235
Financing Sources											
Current Tax Levy - Reserves	9,077	3,779	7,278	-	-	-	-	-	7,278	-	20,134
Development Charges	5	-	-	-	-	-	-	-	-	-	5
Other Recoveries	15	-	-	-	-	-	-	-	-	-	15
Reserves	906	1,621	1,016	6,636	-	-	-	-	7,652	-	10,179
Sub Total Regional	10,003	5,400	8,294	6,636	-	-	-	-	14,930	-	30,333
Provincial Funding	1,702	940	90	-	-	-	-	-	90	-	2,732
Sub Total External	1,702	940	90	-	-	-	-	-	90	-	2,732
Total Available Financing	11,705	6,340	8,384	6,636	-	-	-	-	15,020	-	33,065
Total Debenture Requirements	170	-	-	-	-	-	-	-	-	-	170
Total Financing Sources	11,875	6,340	8,384	6,636	-	-	-	-	15,020	-	33,235

2014 Capital Budget
York Region Transit/Viva - Total Capital Spending Authority
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	23,490	8,480	27,923	10,298	-	-	-	-	38,221	-	70,191
Regional											
Current Tax Levy - Reserves	9,470	3,779	7,278	-	-	-	-	-	7,278	-	20,527
Development Charges	1,244	174	1,277	173	-	-	-	-	1,450	-	2,868
Other Recoveries	15	-	-	-	-	-	-	-	-	-	15
Reserves	1,953	1,621	1,016	6,636	-	-	-	-	7,652	-	11,226
Sub Total Regional	12,682	5,574	9,571	6,809	-	-	-	-	16,380	-	34,636
External											
Federal Funding	5,332	1,966	18,262	3,489	-	-	-	-	21,751	-	29,049
Provincial Funding	2,635	940	90	-	-	-	-	-	90	-	3,665
Sub Total External	7,967	2,906	18,352	3,489	-	-	-	-	21,841	-	32,714
Total Available Financing	20,649	8,480	27,923	10,298	-	-	-	-	38,221	-	67,350
Debenture											
Debenture Proceeds Tax Levy	2,841	-	-	-	-	-	-	-	-	-	2,841
Sub Total Debenture	2,841	-	-	-	-	-	-	-	-	-	2,841
Total Financing Sources	23,490	8,480	27,923	10,298	-	-	-	-	38,221	-	70,191

2014 Capital Budget York Region Transit/Viva - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81585	BRT Garage	2,882	-	-	-	107	2,775	-	-
82150	Bus Terminals, Loops & Stops - Expansion	1,250	-	-	-	109	1,141	-	-
82190	Bus Terminals, Loops & Stops - Replacement	2,165	2,099	66	-	-	-	-	-
82770	Support Vehicles	40	-	-	-	-	40	-	-
83970	Bike Racks	40	-	-	-	-	40	-	-
84399	Mobility Plus Bus Expansion	780	-	-	-	66	714	-	-
84513	Conventional Bus Expansion - 2013/2014	18,249	-	-	-	1,168	17,081	-	-
84699	Conventional Bus Replacement	7,189	553	6,636	-	-	-	-	-
86100	Facility Security	176	176	-	-	-	-	-	-
86102	Viva Bus Refresh	400	-	400	-	-	-	-	-
86103	Bike Racks & Lockers	50	-	-	-	-	50	-	-
86110	Vehicle Diagnostic System	940	940	-	-	-	-	-	-
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	3,510	3,510	-	-	-	-	-	-
86118	Bus Conversion	550	-	550	-	-	-	-	-
Total Tax Supported		38,221	7,278	7,652	-	1,450	21,841	-	-

2014 Capital Budget
York Region Transit - Projects by Program Group
 10 Year Capital Plan
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
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Program Group: Growth

Gross Expenditures											
81585	BRT Garage	-	-	2,882	-	-	-	-	2,882	-	2,882
82150	Bus Terminals, Loops & Stops - Expansion	10,789	2,000	4,755	5,823	680	665	1,925	15,098	-	27,887
82770	Support Vehicles	826	140	640	40	40	40	200	1,000	-	1,966
84399	Mobility Plus Bus Expansion	-	-	780	-	-	780	1,300	2,860	-	2,860
84513	Conventional Bus Expansion - 2013/2014	-	-	18,249	-	-	-	-	18,249	-	18,249
84599	Conventional Bus Expansion	-	-	-	13,272	-	-	33,733	47,005	-	47,005
84799	Viva Bus Expansion	-	-	-	-	17,850	-	12,750	30,600	-	30,600
Total		11,615	2,140	19,539	19,135	18,570	1,485	49,908	117,694	-	131,449

Financing Sources

Current Tax Levy - Reserves	393	-	-	-	-	-	-	-	-	-	393
Development Charges	1,239	174	1,277	587	1,356	15,321	124	13,339	32,004	-	33,417
Reserves	1,047	-	-	-	-	-	-	-	-	-	1,047
Sub Total Regional	2,679	174	1,277	587	1,356	15,321	124	13,339	32,004	-	34,857
Federal Funding	5,332	1,966	18,262	8,470	17,779	3,249	1,361	36,569	85,690	-	92,988
Provincial Funding	933	-	-	-	-	-	-	-	-	-	933
Sub Total External	6,265	1,966	18,262	8,470	17,779	3,249	1,361	36,569	85,690	-	93,921
Total Available Financing	8,944	2,140	19,539	9,057	19,135	18,570	1,485	49,908	117,694	-	128,778
Total Debenture Requirements	2,671	-	-	-	-	-	-	-	-	-	2,671
Total Financing Sources	11,615	2,140	19,539	9,057	19,135	18,570	1,485	49,908	117,694	-	131,449

Program Group: Rehabilitation & Replacement

Gross Expenditures											
82190	Bus Terminals, Loops & Stops - Replacement	5,843	750	2,165	1,365	2,065	1,320	3,275	12,855	-	19,448

2014 Capital Budget York Region Transit - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
83970 Bike Racks	305	40	40	40	40	40	40	40	240	-	585
84499 Mobility Plus Bus Replacement	-	-	-	-	-	-	-	5,460	5,460	-	5,460
84699 Conventional Bus Replacement	-	-	553	6,636	-	-	-	50,876	58,065	-	58,065
84899 Viva Bus Replacement	-	-	-	-	-	31,875	-	67,525	99,400	-	99,400
86100 Facility Security	397	175	176	346	50	50	50	638	1,310	-	1,882
86101 Bus Training Simulator	1,193	-	-	1,200	-	-	-	-	1,200	-	2,393
86102 Viva Bus Refresh	4,084	800	400	770	1,050	-	-	4,620	6,840	-	11,724
86103 Bike Racks & Lockers	42	-	50	50	50	50	-	-	200	-	242
86110 Vehicle Diagnostic System	-	-	940	2,400	2,460	3,020	-	-	8,820	-	8,820
86112 Conv Bus Major Structural Refurbishing & Mechanical Overhaul	11	2,275	3,510	6,630	5,655	6,630	7,410	26,130	55,965	-	58,251
86113 Viva Bus Major Structural Refurbishing & Mechanical Overhaul	-	-	-	3,500	3,500	-	-	-	7,000	-	7,000
86118 Bus Conversion	-	2,300	550	-	-	-	-	-	550	-	2,850
Total	11,875	6,340	8,384	24,237	14,170	43,730	8,820	158,564	257,905	-	276,120
Financing Sources											
Current Tax Levy - Reserves	9,077	3,779	7,278	8,946	9,944	10,942	8,780	71,670	117,560	-	130,416
Development Charges	5	-	-	-	-	-	-	-	-	-	5
Other Recoveries	15	-	-	-	-	-	-	-	-	-	15
Reserves	906	1,621	1,016	15,201	4,136	32,698	-	86,854	139,905	-	142,432
Sub Total Regional	10,003	5,400	8,294	24,147	14,080	43,640	8,780	158,524	257,465	-	272,868
Provincial Funding	1,702	940	90	90	90	90	40	40	440	-	3,082
Sub Total External	1,702	940	90	90	90	90	40	40	440	-	3,082
Total Available Financing	11,705	6,340	8,384	24,237	14,170	43,730	8,820	158,564	257,905	-	275,950
Total Debenture Requirements	170	-	-	-	-	-	-	-	-	-	170
Total Financing Sources	11,875	6,340	8,384	24,237	14,170	43,730	8,820	158,564	257,905	-	276,120

2014 Capital Budget
York Region Transit/Viva - Total 10 Year Capital Expenditures
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	23,490	8,480	27,923	33,294	33,305	62,300	10,305	208,472	375,599	-	407,569
Regional											
Current Tax Levy - Reserves	9,470	3,779	7,278	8,946	9,944	10,942	8,780	71,670	117,560	-	130,809
Development Charges	1,244	174	1,277	587	1,356	15,321	124	13,339	32,004	-	33,422
Other Recoveries	15	-	-	-	-	-	-	-	-	-	15
Reserves	1,953	1,621	1,016	15,201	4,136	32,698	-	86,854	139,905	-	143,479
Sub Total Regional	12,682	5,574	9,571	24,734	15,436	58,961	8,904	171,863	289,469	-	307,725
External											
Federal Funding	5,332	1,966	18,262	8,470	17,779	3,249	1,361	36,569	85,690	-	92,988
Provincial Funding	2,635	940	90	90	90	90	40	40	440	-	4,015
Sub Total External	7,967	2,906	18,352	8,560	17,869	3,339	1,401	36,609	86,130	-	97,003
Total Available Financing	20,649	8,480	27,923	33,294	33,305	62,300	10,305	208,472	375,599	-	404,728
Debtenture											
Debtenture Proceeds Tax Levy	2,841	-	-	-	-	-	-	-	-	-	2,841
Sub Total Debtenture	2,841	-	-	-	-	-	-	-	-	-	2,841
Total Financing Sources	23,490	8,480	27,923	33,294	33,305	62,300	10,305	208,472	375,599	-	407,569

2014 Capital Budget York Region Transit/Viva - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

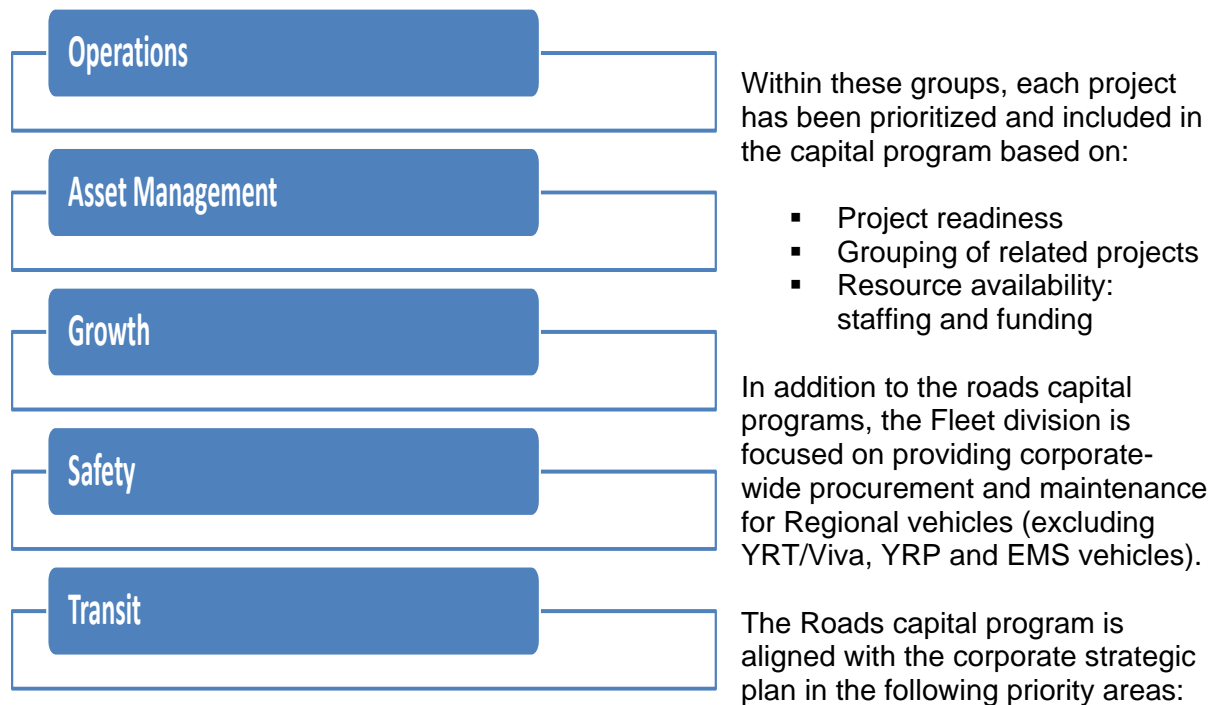
Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81585	BRT Garage	2,882	-	-	-	107	2,775	-	-
82150	Bus Terminals, Loops & Stops - Expansion	15,098	-	-	-	1,315	13,783	-	-
82190	Bus Terminals, Loops & Stops - Replacement	12,855	12,789	66	-	-	-	-	-
82770	Support Vehicles	1,000	-	-	-	-	1,000	-	-
83970	Bike Racks	240	-	-	-	-	240	-	-
84399	Mobility Plus Bus Expansion	2,860	-	-	-	242	2,618	-	-
84499	Mobility Plus Bus Replacement	5,460	780	4,680	-	-	-	-	-
84513	Conventional Bus Expansion - 2013/2014	18,249	-	-	-	1,168	17,081	-	-
84599	Conventional Bus Expansion	47,005	-	-	-	3,008	43,997	-	-
84699	Conventional Bus Replacement	58,065	18,510	39,555	-	-	-	-	-
84799	Viva Bus Expansion	30,600	-	-	-	26,164	4,436	-	-
84899	Viva Bus Replacement	99,400	18,270	81,130	-	-	-	-	-
86100	Facility Security	1,310	1,310	-	-	-	-	-	-
86101	Bus Training Simulator	1,200	1,200	-	-	-	-	-	-
86102	Viva Bus Refresh	6,840	6,440	400	-	-	-	-	-
86103	Bike Racks & Lockers	200	-	-	-	-	200	-	-
86110	Vehicle Diagnostic System	8,820	7,620	1,200	-	-	-	-	-
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	55,965	47,141	8,824	-	-	-	-	-
86113	Viva Bus Major Structural Refurbishing & Mechanical Overhaul	7,000	3,500	3,500	-	-	-	-	-
86118	Bus Conversion	550	-	550	-	-	-	-	-
Total Tax Supported		375,599	117,560	139,905	-	32,004	86,130	-	-

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Capital Strategy

York Region’s existing arterial network consists of 3,594 lane kilometres of urban and rural roads. It also includes bridges, culverts, bike lanes, railway crossings, intersections and highway interchanges. The population of the Region is projected to increase by 25% over the next 10 years and to accommodate this increase, the Regional road network is projected to grow by about 200 lane kilometres.

The capital program is a collection of projects grouped by the following objectives:



- 1.) Continue to deliver and sustain critical infrastructure
 - Continue to prioritize new capital infrastructure projects to support managed growth and optimize community benefit
- 2.) Focus growth along Regional centres and corridors
 - Improving mobility for users on Regional transportation corridors
- 3.) Maintain assets in a state of good repair

Key Initiatives

The road network is urbanizing and aging, which is changing the focus gradually from growth to prioritizing multi-modal travel and investing in asset management. The key initiatives of the capital program are to:

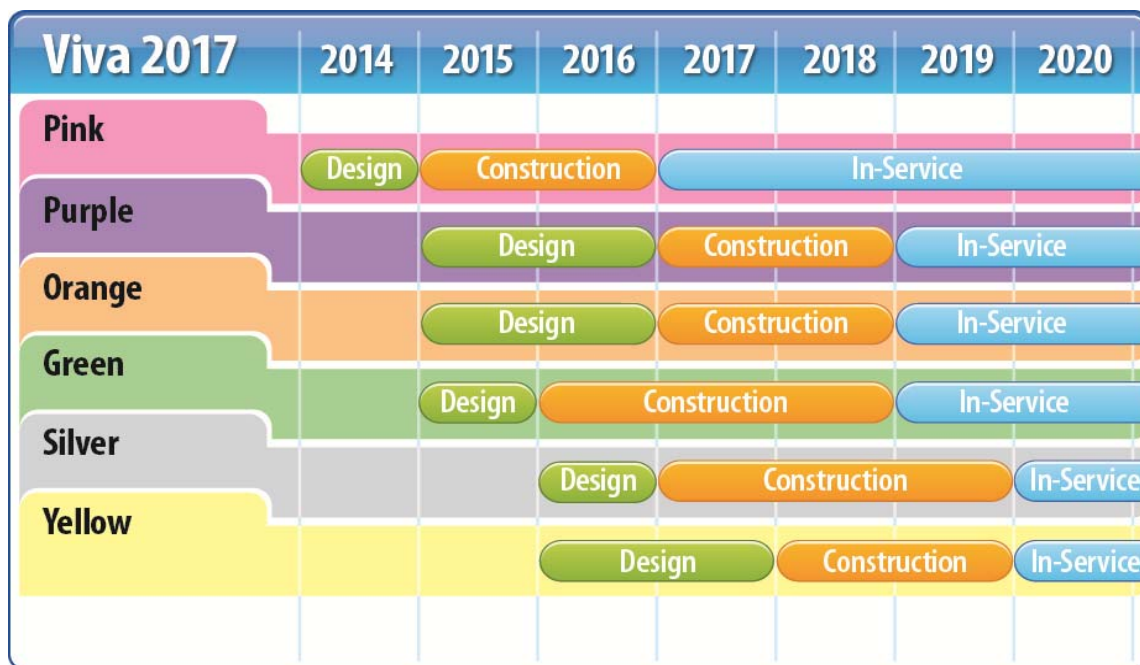
- Enhance the state of good repair practices to ensure the cost effective sustainability of the network

- The Roads Branch is currently developing an asset management plan to prioritize, track progress, monitor levels of service and manage risk
- Support urbanization and multi-modal travel by implementing projects that support modal shift to public transit (vivaNext rapidway corridors and 2017 Viva) and urbanization of corridors
- Develop annual capital programs with delivery targets that reflect realistic and achievable timelines
- Further develop design expertise to expedite and refine delivery of capital projects
- Complete Class Environmental Assessments (Class EA) (Transportation Planning branch) and planning studies.
- Continue improvements in communication to project stakeholders including residents, local municipalities and other departments/branches

The following significant Roads projects are scheduled for construction over the next 10 years:

- 2nd Concession (Green Lane to Doane Road)
- Bathurst St (Green Lane West to Yonge Street)
- Major Mackenzie Drive (CPR to Weston Road)
- Bathurst Street (North of Highway 7 to Elgin Mills Road)
- Hwy 7 (Town Centre Blvd to Sciberras Road)
- Rutherford Road (Jane Street to Bathurst Street including intersection at Jane)
- 16th Ave (Yonge Street to Woodbine Avenue)
- Hwy 404 mid-block crossings (North of Hwy 7, 16th Ave and Elgin Mills Road)
- Continued focus on state of good repair

Below is a timeline of planned construction projects in support of the 2017 Viva Network Plan:



Fleet

- Procure over 200 vehicles in the next 5 years. As a result of the implementation of a new information system, Fleet Services is better able to track and improve performance as it relates to vehicle utilization and fuel management.
- Fleet expects to replace over 350 vehicles in the second 5 years of the capital budget based on the timing of the original purchase and estimated lifecycle.

Facilities

- To better coordinate efforts amongst the Branches, all Department facilities and land capital expenditures are included in a separate section of the Transportation and Community Planning's capital budget. Although not budgeted in this section these facilities are significant components of the Branch's business plan. Below is a timeline of the planned facilities:



New Projects Added to the 2014 Budget

The following are new projects introduced as part of this budget cycle:

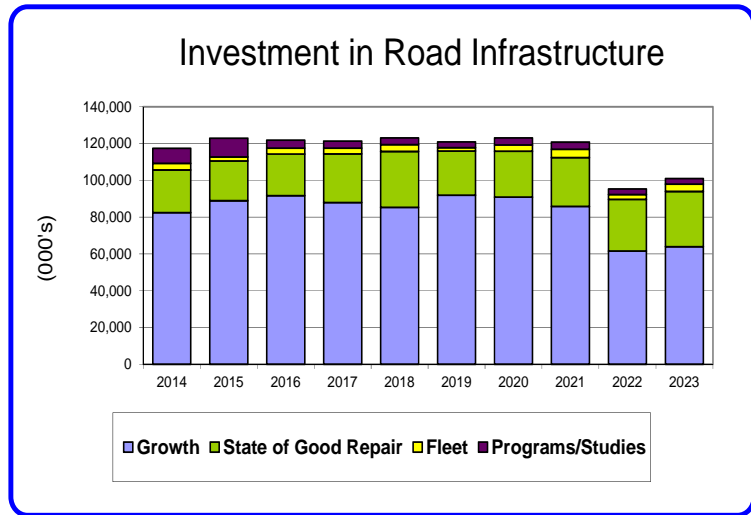
New Projects	Planned Start Date *
Development Tracking System (Community Planning)	2014
Asset Management Optimization software	2014
Travel Demand Management Development (Transportation Planning)	2014
Roads Maintenance Yards Capital Requirements	2014
2017 vivaNext Transit Network Road Improvements	2015
Teston Road at Pine Valley Drive	2018
Elgin Mills Road (Yonge to Bathurst)	2018
Highway 404 Mid-Block Crossing (North of 16 th)	2020
Highway 404 Mid-Block Crossing (North of Elgin Mills)	2020

Hwy 27 road widening at CPR bridge	2023
Stouffville Road (Bayview to Hwy 404)	2023

* Planned start dates reflect the beginning of construction for construction related projects.

Long Term Outlook

In the Roads Ten-Year Capital Plan, total expenditures are budgeted at \$1.2 billion: 70% dedicated to growth and 22% on asset replacement.



Pressures of Net Operating Impact of New Capital Projects

Road expansion in the table below relates to additional maintenance costs associated with the growing road network.

The costs are a combination of maintenance costs for the new lane kilometres plus capital project financing costs. Revenues relate to those financing costs which are recoverable from Development Charges.

Roads

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	37	100	193	210	180	299
General Expenses	-	-	-	-	-	-
Financing Costs	899	5,939	6,045	6,161	6,872	30,996
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	936	6,039	6,238	6,371	7,052	31,295
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	898	5,933	6,045	6,138	3,718	23,638
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	898	5,933	6,045	6,138	3,718	23,638
Net Operating Impact	38	106	193	233	3,334	7,657

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Growth							
Gross Expenditures							
39910: Misc. Design & Survey for Future Projects	12,604	750	750	-	750	6,750	20,854
39920: Property Acquisition for Future Capital Projects	4,266	200	500	-	500	4,500	9,466
39970: Misc. Developer Credit	15,304	1,000	650	175	825	5,850	22,979
80102: 15th Sdrd - Keele St to Bathurst St	18	-	-	-	-	-	18
80104: Keele St and Loydtown/Aurora Rd	155	400	1,349	(264)	1,085	2,468	4,108
80116: Teston Rd and Pine Valley Dr - Jog Elimination	-	-	-	950	950	8,550	9,500
80117: Muniom App Track Development tracking Software	-	-	-	150	150	-	150
80118: Capital Requirement for Roads Maintenance Yards	-	-	-	3,065	3,065	2,340	5,405
80119: Development Tracking System	-	-	-	1,000	1,000	-	1,000
80121: Development TDM	-	-	-	1,100	1,100	-	1,100
80170: Corridor Design Guideline Study	81	200	25	-	25	-	306
80180: King Rd - Urbanization from Dufferin St to 1 km west	-	1,600	-	-	-	-	1,600
80190: Block 18 - Intersection Improvements	-	1,750	-	-	-	-	1,750
80230: Portable Snow Melting Facilities	-	-	750	750	1,500	-	1,500
80270: York Durham Line and Durham Rd 5	80	1,436	848	(516)	332	-	1,848
80430: Regional Streetscaping	6,853	1,380	1,380	-	1,380	12,420	22,033
80610: Bathurst St - King Rd to Wellington St	14,316	25	8	12	20	-	14,361
80620: Bathurst St - Wellington St to Mulock Dr	13,085	15	14	-	14	-	13,114

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
80660: Ninth Line - North of Major Mackenzie Dr to Stouffville Main St	4,868	3,320	6,850	2,975	9,825	4,320	22,333
80670: Bayview Ave - 19th Ave to Stouffville Rd	508	70	5,786	(4,526)	1,260	5,965	7,803
80680: Bayview Ave - Elgin Mills Rd to 19th Ave	2,015	440	6,861	(5,542)	1,319	14,171	17,945
80720: Markham Bypass - Major Mackenzie Dr to Hwy 48	5,256	664	523	130	653	7,040	13,613
81010: King Rd and Weston Rd	-	180	109	179	288	1,418	1,886
81020: King Rd and Highway 27	-	86	200	40	240	2,365	2,691
81030: Leslie St and 19th Ave	-	250	600	-	600	4,465	5,315
81040: York Region Roads Operations Facility Strategy	-	75	1,000	425	1,425	-	1,500
81050: Road Weather Inventory System (RWIS)	-	75	-	75	75	-	150
81320: Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	6,396	150	24,570	(24,570)	-	26,000	32,546
81350: Jane St - Steeles Ave to Hwy 7	16	-	-	-	-	16,878	16,894
81390: Bathurst St - North of Hwy 7 to Rutherford Rd	892	130	60	4,320	4,380	10,190	15,592
81400: Major Mackenzie Dr - Leslie St to Woodbine Ave	17	-	-	-	-	12,940	12,957
81410: Leslie St - Hwy 7 to Hwy 407	-	-	-	-	-	3,195	3,195
81420: Bayview Ave - Hwy 7 to John St	249	-	-	-	-	19,787	20,036
81430: Cedar Ave Ext - Langstaff Rd to High Tech Rd	6	-	-	-	-	-	6
81510: Keele St and 15th Sideroad	3,854	10	-	57	57	-	3,921
81800: Davis Dr - Prospect St to west of Main St	447	-	-	-	-	-	447
81810: Hwy 50 - Hwy 7 to Rutherford Rd	14,164	5,000	-	505	505	1,210	20,879
81931: Civil Works - Within the Limits of the Viva Yellow Route	-	-	-	-	-	861	861

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
81932: Civil Works - Within the Limits of the Viva Purple Route	-	-	-	-	-	2,336	2,336
81944: Major Mackenzie Dr - Weston Rd to Hwy 400	-	-	-	-	-	4,552	4,552
81962: Civil Works - Within the Limits of the Viva Silver Route	-	-	-	-	-	9,384	9,384
81963: Civil Works - Within the Limits of the Viva Green Route	-	-	-	-	-	8,390	8,390
81964: Hwy 27 road widening at the CPR Bridge	-	-	-	1,300	1,300	12,300	13,600
81965: Civil Works - Within the Limits of the Viva Orange Route	-	-	-	-	-	1,840	1,840
81968: Mid Block Crossing - Hwy 404 north of 16th Ave	-	-	-	1,500	1,500	28,500	30,000
81969: Elgin Mills Rd - Yonge St to Bathurst St	-	-	-	730	730	9,300	10,030
81971: Bathurst St - Elgin Mills Rd to 19th Ave	-	-	-	-	-	10,700	10,700
81972: Stouffville Rd - Bayview Ave to Hwy 404	-	-	-	1,250	1,250	7,050	8,300
81973: Hwy27 - Major Mackenzie Dr to Nashville Rd	-	-	-	-	-	16,500	16,500
81974: Mid Block Crossing - Hwy404 North of Elgin Mills Rd	-	-	-	1,650	1,650	30,000	31,650
81976: Mid Block Crossing - Hwy 400 at Block 32	-	-	-	-	-	6,388	6,388
81978: Warden Ave - McPherson St to Hwy 407	-	-	-	-	-	1,500	1,500
81979: McCowan Rd - Bullock Dr to 16th Ave	-	-	-	-	-	10,300	10,300
81983: Rutherford Rd - Pine Valley Dr to Weston Rd	-	-	-	-	-	10,752	10,752
81986: Wellington St - Leslie St to Hwy 404	-	-	-	-	-	3,600	3,600
82680: Mid Block Crossing - Hwy 404 North of Hwy 7	357	3,220	4,000	25,680	29,680	-	33,257

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
82690: Vaughan Metropolitan Centre - Hwy 400/Hwy 7 Interchange	973	450	-	110	110	6,540	8,073
82700: 16th Ave - Woodbine Ave to Warden Ave	98	-	-	-	-	-	98
82730: Dufferin St - Major Mackenzie Dr to Teston Rd	2	-	-	-	-	11,322	11,324
82740: Bayview Ave - 16th Ave to Major Mackenzie Dr	105	-	-	-	-	8,352	8,457
82860: Bathurst St - Rutherford Rd to Major Mackenzie Dr	1,350	1,175	1,090	270	1,360	10,270	14,155
83340: Bathurst St - Centre St to Hwy 407	3	-	-	-	-	4,515	4,518
83360: Leslie St - Hwy 7 to 16th Ave	-	-	-	-	-	12,877	12,877
83380: Markham Rd - Steeles Ave to Hwy 407 incl. Grade Separation	-	-	-	-	-	11,175	11,175
83390: 16th Ave - Warden Ave to Kennedy Rd	539	-	-	-	-	-	539
83480: Transportation Master Plan Update	587	100	300	200	500	1,650	2,837
83850: Hwy 50 and Albion-Vaughan Rd/Mayfield Rd	130	-	-	-	-	5,386	5,516
83870: Ninth Line and Elgin Mills Rd	1,025	-	1,125	1,500	2,625	-	3,650
83880: Ninth Line and Major Mackenzie Dr	7,243	1,853	2,700	-	2,700	-	11,796
83890: Hwy 50 - Rutherford Rd to Major Mackenzie Dr	168	270	391	154	545	4,831	5,814
83900: Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	169	-	889	189	1,078	15,320	16,567
84044: Construction of Roads related Capital Works within Viva/Next corridors	-	-	-	9,600	9,600	-	9,600
84045: Lake to Lake Cycling Facilities	-	-	-	-	-	22,248	22,248
84120: Keele St - Hwy 7 to Langstaff Rd	448	-	-	-	-	9,345	9,793
84150: Bathurst St - Major Mackenzie Dr to Elgin Mills	603	960	1,090	320	1,410	13,730	16,703

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
84160: Mid Block Crossing - Hwy 404 North of Major Mackenzie Dr	-	-	-	-	-	13,470	13,470
84170: 16th Ave - Kennedy Rd to McCowan Rd	49	-	-	-	-	-	49
84180: Leslie St - Wellington St to St. John's Sdrd	1,236	705	1,420	176	1,596	6,326	9,863
84190: Leslie St - St John's Sdrd to Mulock Dr	620	180	1,023	(156)	867	6,947	8,614
84200: Doane Rd - Hwy 404 to Yonge St	1,396	960	810	9,170	9,980	30,000	42,336
84860: Bathurst St and Davis Drive	277	-	1,075	(1,075)	-	4,770	5,047
84890: Kennedy Rd - 14th Ave to Hwy 407	141	-	-	-	-	5,982	6,123
85110: Teston Rd - Dufferin St to Keele St	-	-	2,370	(2,370)	-	-	-
85120: Donald Cousens Parkway - Hwy 407 to Box Grove By-Pass	13,625	650	-	-	-	-	14,275
85560: Rutherford Rd - Keele St to Dufferin St	733	90	-	270	270	36,520	37,613
85570: Rutherford Rd - Jane St to Keele St	181	76	1,080	(680)	400	25,100	25,757
85580: Rutherford Rd - Dufferin St to Bathurst St	672	90	-	270	270	10,580	11,612
85590: Carrville Rd - Bathurst St to Yonge St	200	96	-	290	290	8,790	9,376
85600: 16th Ave - Yonge St to Bayview Ave	-	-	-	-	-	20,714	20,714
85610: 16th Ave - Leslie St to Hwy 404	-	-	-	-	-	8,002	8,002
85620: 2nd Concession - Green Lane to Doane Rd	7,003	7,873	36,166	7,384	43,550	-	58,426
85630: Keele St - Langstaff Rd to Rutherford Rd	-	-	-	-	-	9,383	9,383
85650: Major Mackenzie Dr - CPR to Hwy Z7	92	1,000	10,657	1,943	12,600	28,980	42,672
85660: Major Mackenzie Dr - Pine Valley Dr to Weston Rd	1,017	650	11,100	(5,600)	5,500	14,640	21,807

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
85670: Major Mackenzie Dr - Hwy 400 to Jane St	10	-	-	-	-	6,670	6,680
85680: Major Mackenzie Dr - Jane St to Keele St	17	-	-	-	-	12,490	12,507
85690: Stouffville Rd - Warden Ave to Kennedy Rd	9,756	1,150	-	-	-	-	10,906
85710: Yonge St - Davis Dr to Green Lane	45	-	-	-	-	23,370	23,415
85720: Jane St and Major Mackenzie Dr	7	-	-	-	-	-	7
85730: Jane St and Rutherford Rd	-	-	390	(390)	-	-	-
85750: Leslie St and Hwy 7	-	-	-	-	-	4,580	4,580
85760: Leslie St and 16th Ave	17	-	-	-	-	4,637	4,654
85770: Major Mackenzie Dr and Leslie St	10	-	-	-	-	3,990	4,000
85780: Ninth Line and Stouffville Rd - Jog Elimination	10,244	1,900	-	2,770	2,770	-	14,914
85810: Arterial Corridor Transportation Studies	190	250	250	-	250	2,250	2,940
85830: Retrofit Noise Mitigation	112	50	50	-	50	450	662
86730: Highway 404 Interchange at Doane Road	8,147	-	4,389	450	4,839	-	12,986
86770: Major Mackenzie Dr - Bathurst St to Keele St	3	-	-	-	-	-	3
86800: Queensville Sdrd - Leslie St to Woodbine Ave	-	-	460	(460)	-	-	-
86810: York Durham Line - Steeles Ave to Hwy 7	-	-	5,448	(5,448)	-	-	-
86880: Pedestrian/Cycling Municipal Partnership Program	801	500	500	475	975	4,500	6,776
86900: Keele St and 17th Sdrd	386	30	1,198	(798)	400	1,943	2,759
86910: Dufferin St and King/Vaughan Rd	323	-	-	-	-	3,990	4,313
86920: Keele St and King/Vaughan Rd	432	-	-	-	-	3,685	4,117

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
86930: Jane St and King/Vaughan Rd	446	-	-	-	-	4,555	5,001
94200: Ninth Line - Hwy 407 to the Markham Bypass	17,998	240	-	30	30	-	18,268
96020: Bathurst St - Green Lane West to Yonge St	3,935	5,723	24,395	(5,301)	19,094	-	28,752
96770: Keele St - Steeles Ave to Hwy 7	900	640	550	2,590	3,140	29,755	34,435
97000: Bayview Ave - Hwy 407 to 16th Ave	266	-	-	-	-	7,586	7,852
97010: Bloomington Rd - Yonge St to Bayview Ave	4,768	6,182	1,503	1,000	2,503	-	13,453
97080: Bloomington Rd - Bayview Ave to Hwy 404	2,008	1,000	9,123	-	9,123	-	12,131
97100: St John's Sdrd - Bayview Ave to Woodbine Ave	1,157	425	4,645	(1,415)	3,230	17,023	21,835
97120: Stouffville Rd - Hwy 404 to Warden Ave	14,273	210	-	-	-	-	14,483
97150: Leslie St - Bethesda Sdrd to Bloomington Rd	1,510	-	-	1,260	1,260	8,700	11,470
97230: Pavement Management Study - System Maintenance	1,112	200	200	-	200	1,800	3,312
98170: Hwy 7 - Rouge River to Town Centre Blvd	7,788	-	11,775	(11,775)	-	-	7,788
98180: Hwy 7 - Town Centre Blvd to Sciberras Rd	566	562	10,225	(8,450)	1,775	17,361	20,264
98210: 14th Ave - 9th Line to Reesor Rd Incl. Connect to Markham Scarb. Link	4	-	-	-	-	-	4
98320: Leslie St - Green Lane to Mount Albert Rd	221	-	-	730	730	9,080	10,031
98330: Gamble Sdrd - Yonge St to Bathurst St	3,378	27	-	12	12	-	3,417
98340: 19th Ave - Yonge St to Bayview Ave	6,951	470	675	5	680	2,285	10,386
98570: Langstaff Rd - Hwy 50 to Hwy 27	14,870	50	-	-	-	-	14,920

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
98600: Major Mackenzie Dr - Woodbine Ave to Kennedy Rd	16,072	-	-	-	-	-	16,072
98650: Major Mackenzie Dr - Donald Cousens Parkway to 9th Line	82	-	-	-	-	1,060	1,142
98670: Warden Ave - 16th Ave to Major Mackenzie Dr	1,579	14,843	9,166	(2,821)	6,345	-	22,767
98690: Bayview Ave - Stouffville Rd to Bloomington Rd	-	-	-	1,200	1,200	5,580	6,780
98960: Kennedy Rd - Hwy 407 to Hwy 7	93	-	-	-	-	8,880	8,973
99180: 16th Ave - Bayview Ave to Leslie St	-	-	-	-	-	12,621	12,621
99210: Bayview Ave - Bloomington Rd to Wellington St	33	-	-	880	880	12,620	13,533
99220: Leslie St/Don Mills Rd - Steeles Ave to Hwy 407	326	-	-	-	-	5,725	6,051
99240: Kennedy Rd - 14th Ave to Denison St	629	-	-	-	-	13,510	14,139
99510: 16th Ave - Hwy 404 to Woodbine Ave	949	-	-	-	-	7,519	8,468
99530: Bloomington Rd - Yonge St to Bathurst St	8,396	3,122	188	-	188	-	11,706
99540: Langstaff Rd - Dufferin St to Keele St	-	-	1,350	(620)	730	10,800	11,530
99550: McCowan Rd - Steeles Ave to 14th Ave	521	-	-	-	-	11,335	11,856
99780: McCowan Rd - 14th Ave to Bullock Dr	25	-	-	-	-	15,155	15,180
99900: Fleet New Additions	5,175	300	600	-	600	3,700	9,775
Total Gross Expenditures	293,023	77,478	217,199	8,489	225,688	994,045	1,590,234

Financing Sources

Regional

Current Tax Levy - Reserves	30,792	7,490	21,197	6,524	27,721	121,145	187,148
Development Charges	183,734	207	414	749	1,163	9,045	194,149

2014 Capital Budget Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Other Recoveries	726	-	-	-	-	-	726
Reserves	27,308	1,890	2,517	(937)	1,580	-	30,778
Sub Total Regional	242,560	9,587	24,128	6,336	30,464	130,190	412,801
External							
Federal Funding	831	-	-	-	-	-	831
Provincial Funding	831	-	-	10,944	10,944	23,990	35,765
Other Recoveries	4,917	2,321	6,090	5,654	11,744	29,580	48,562
Sub Total External	6,579	2,321	6,090	16,598	22,688	53,570	85,158
Total Available Financing	249,139	11,908	30,218	22,934	53,152	183,760	497,959
Total Debtenture Requirements	43,884	65,570	186,981	(14,445)	172,536	810,285	1,092,275
Total Financing Sources	293,023	77,478	217,199	8,489	225,688	994,045	1,590,234
Debtenture Proceeds	43,565	-	-	-	-	-	43,565
Debtenture Proceeds DC	287	65,570	186,981	(14,544)	172,437	788,037	1,026,331
Debtenture Proceeds Tax Levy	32	-	-	99	99	22,248	22,379
Total Debtenture Requirements	43,884	65,570	186,981	(14,445)	172,536	810,285	1,092,275

Rehabilitation & Replacement

Gross Expenditures

39930: Bridge & Culvert Rehabilitation	6,448	3,000	1,730	860	2,590	34,380	46,418
39960: Various Road Resurfacing	100,746	15,450	11,340	1,030	12,370	151,550	280,116
39980: Various Road Improvements	29,423	2,150	2,150	50	2,200	27,950	61,723
80101: King Rd - Yonge St to Bond Crescent	91	30	2,113	(1,393)	720	4,657	5,498
80200: Udora Bridge Reconstruction	-	270	2,304	(259)	2,045	-	2,315
80210: Umphrey Bridge Reconstruction	-	355	3,455	(520)	2,935	-	3,290

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
81933: Asset Management Optimization Software Long-range Forecast	-	-	-	800	800	-	800
83910: Road Asset Management	898	695	-	2,415	2,415	-	4,008
83940: Teston Rd - East of Pine Valley Dr	1,132	-	-	-	-	-	1,132
84950: Drainage System Program	800	250	250	10	260	3,070	4,380
99870: Various Railway Crossing Improvements	3,297	500	500	-	500	4,500	8,797
99880: Vivian Rd - Hwy 48 to York Durham Line	1,141	-	-	-	-	-	1,141
99910: Fleet Replacement	6,400	3,542	1,230	1,763	2,993	24,960	37,895
Total Gross Expenditures	150,376	26,242	25,072	4,756	29,828	251,067	457,513

Financing Sources

Regional							
Current Tax Levy - Reserves	97,827	16,777	16,285	(1,011)	15,274	204,920	334,798
Development Charges	2,259	-	-	965	965	-	3,224
Other Recoveries	277	-	-	-	-	-	277
Reserves	47,244	7,345	4,675	5,283	9,958	21,665	86,212
Sub Total Regional	147,607	24,122	20,960	5,237	26,197	226,585	424,511
External							
Provincial Funding	2,370	-	-	-	-	-	2,370
Other Recoveries	399	-	-	48	48	500	947
Sub Total External	2,769	-	-	48	48	500	3,317
Total Available Financing	150,376	24,122	20,960	5,285	26,245	227,085	427,828
Total Debenture Requirements	-	2,120	4,112	(529)	3,583	23,982	29,685
Total Financing Sources	150,376	26,242	25,072	4,756	29,828	251,067	457,513
Debtenture Proceeds DC	-	2,120	4,112	(529)	3,583	23,982	29,685

2014 Capital Budget Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Debenture Requirements	-	2,120	4,112	(529)	3,583	23,982	29,685

2014 Capital Budget

Roads-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Roads							
Growth	293,023	77,478	217,199	8,489	225,688	994,045	1,590,234
Rehabilitation & Replacement	150,376	26,242	25,072	4,756	29,828	251,067	457,513
Facilities/Operations	0	0	3,600	(3,600)	0	0	0
Total Gross Expenditures	443,399	103,720	245,871	9,645	255,516	1,245,112	2,047,747
Regional							
Current Tax Levy - Reserves	128,619	24,267	37,482	5,513	42,995	326,065	521,946
Development Charges	185,993	207	414	1,714	2,128	9,045	197,373
Other Recoveries	1,003	0	0	0	0	0	1,003
Reserves	74,552	9,235	7,192	4,346	11,538	21,665	116,990
Sub Total Regional	390,167	33,709	45,088	11,573	56,661	356,775	837,312
External							
Federal Funding	831	-	-	-	-	-	831
Provincial Funding	3,201	-	-	10,944	10,944	23,990	38,135
Other Recoveries	5,316	2,321	6,090	5,702	11,792	30,080	49,509
Sub Total External	9,348	2,321	6,090	16,646	22,736	54,070	88,475
Total Available Financing	399,515	36,030	51,178	28,219	79,397	410,845	925,787
Total Debenture Requirements	43,884	67,690	194,693	(18,574)	176,119	834,267	1,121,960
Total Financing Sources	443,399	103,720	245,871	9,645	255,516	1,245,112	2,047,747
Debenture Proceeds	43,565	-	-	-	-	-	43,565
Debenture Proceeds DC	287	67,690	193,469	(17,449)	176,020	812,019	1,056,016
Debenture Proceeds Tax Levy	32	-	1,224	(1,125)	99	22,248	22,379
Total Debenture Requirements	43,884	67,690	194,693	(18,574)	176,119	834,267	1,121,960

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
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Program Group: Growth

Gross Expenditures

39910	Misc. Design & Survey for Future Projects	12,604	750	750	-	-	-	-	750	-	14,104
39920	Property Acquisition for Future Capital Projects	4,266	200	500	-	-	-	-	500	-	4,966
39970	Misc. Developer Credit	15,304	1,000	825	-	-	-	-	825	-	17,129
80102	15th Sdrd - Keele St to Bathurst St	18	-	-	-	-	-	-	-	-	18
80104	Keele St and Loydtown/Aurora Rd	155	400	1,085	-	-	-	-	1,085	-	1,640
80116	Teston Rd and Pine Valley Dr - Jog Elimination	-	-	475	475	-	-	-	950	-	950
80117	Munirom App Track Development tracking Software	-	-	150	-	-	-	-	150	-	150
80118	Capital Requirement for Roads Maintenance Yards	-	-	485	2,580	-	-	-	3,065	-	3,065
80119	Development Tracking System	-	-	250	750	-	-	-	1,000	-	1,000
80121	Development TDM	-	-	300	300	100	100	-	1,100	-	1,100
80170	Corridor Design Guideline Study	81	200	25	-	-	-	-	25	-	306
80180	King Rd - Urbanization from Dufferin St to 1 km west	-	1,600	-	-	-	-	-	-	-	1,600
80190	Block 18 - Intersection Improvements	-	1,750	-	-	-	-	-	-	-	1,750
80230	Portable Snow Melting Facilities	-	-	750	750	-	-	-	1,500	-	1,500
80270	York Durham Line and Durham Rd 5	80	1,436	332	-	-	-	-	332	-	1,848
80430	Regional Streetscaping	6,853	1,380	1,380	-	-	-	-	1,380	-	9,613
80610	Bathurst St - King Rd to Wellington St	14,316	25	15	5	-	-	-	20	-	14,361
80620	Bathurst St - Wellington St to Mullock Dr	13,085	15	7	7	-	-	-	14	-	13,114
80660	Ninth Line - North of Major Mackenzie Dr to Stouffville Main St	4,868	3,320	7,155	2,670	-	-	-	9,825	-	18,013
80670	Bayview Ave - 19th Ave to Stouffville Rd	508	70	1,010	250	-	-	-	1,260	-	1,838

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
80680 Bayview Ave - Elgin Mills Rd to 19th Ave	2,015	440	1,277	42	-	-	-	-	1,319	-	3,774
80720 Markham Bypass - Major Mackenzie Dr to Hwy 48	5,256	664	653	-	-	-	-	-	653	-	6,573
81010 King Rd and Weston Rd	-	180	288	-	-	-	-	-	288	-	468
81020 King Rd and Highway 27	-	86	240	-	-	-	-	-	240	-	326
81030 Leslie St and 19th Ave	-	250	600	-	-	-	-	-	600	-	850
81040 York Region Roads Operations Facility Strategy	-	75	800	625	-	-	-	-	1,425	-	1,500
81050 Road Weather Inventory System (RWIS)	-	75	75	-	-	-	-	-	75	-	150
81320 Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	6,396	150	-	-	-	-	-	-	-	-	6,546
81350 Jane St - Steeles Ave to Hwy 7	16	-	-	-	-	-	-	-	-	-	16
81390 Bathurst St - North of Hwy 7 to Rutherford Rd	892	130	1,225	2,140	1,015	-	-	-	4,380	-	5,402
81400 Major Mackenzie Dr - Leslie St to Woodbine Ave	17	-	-	-	-	-	-	-	-	-	17
81420 Bayview Ave - Hwy 7 to John St	249	-	-	-	-	-	-	-	-	-	249
81430 Cedar Ave Ext - Langstaff Rd to High Tech Rd	6	-	-	-	-	-	-	-	-	-	6
81510 Keele St and 15th Sideroad	3,854	10	57	-	-	-	-	-	57	-	3,921
81800 Davis Dr - Prospect St to west of Main St	447	-	-	-	-	-	-	-	-	-	447
81810 Hwy 50 - Hwy 7 to Rutherford Rd	14,164	5,000	505	-	-	-	-	-	505	-	19,669
81964 Hwy 27 road widening at the CPR Bridge	-	-	300	500	500	-	-	-	1,300	-	1,300
81968 Mid Block Crossing - Hwy 404 north of 16th Ave	-	-	750	750	-	-	-	-	1,500	-	1,500
81969 Elgin Mills Rd - Yonge St to Bathurst St	-	-	200	530	-	-	-	-	730	-	730
81972 Stouffville Rd - Bayview Ave to Hwy 404	-	-	500	750	-	-	-	-	1,250	-	1,250
81974 Mid Block Crossing - Hwy404 North of Elgin Mills Rd	-	-	350	650	650	-	-	-	1,650	-	1,650
82680 Mid Block Crossing - Hwy 404 North of Hwy 7	357	3,220	4,600	11,750	13,330	-	-	-	29,680	-	33,257

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
82690	973	450	110	-	-	-	-	-	110	-	1,533
Vaughan Metropolitan Centre - Hwy 400/Hwy 7 Interchange											
82700	98	-	-	-	-	-	-	-	-	-	98
16th Ave - Woodbine Ave to Warden Ave											
82730	2	-	-	-	-	-	-	-	-	-	2
Dufferin St - Major Mackenzie Dr to Teston Rd											
82740	105	-	-	-	-	-	-	-	-	-	105
Bayview Ave - 16th Ave to Major Mackenzie Dr											
82860	1,350	1,175	1,250	110	-	-	-	-	1,360	-	3,885
Bathurst St - Rutherford Rd to Major Mackenzie Dr											
83340	3	-	-	-	-	-	-	-	-	-	3
Bathurst St - Centre St to Hwy 407											
83390	539	-	-	-	-	-	-	-	-	-	539
16th Ave - Warden Ave to Kennedy Rd											
83480	587	100	300	200	-	-	-	-	500	-	1,187
Transportation Master Plan Update											
83850	130	-	-	-	-	-	-	-	-	-	130
Hwy 50 and Albion-Vaughan Rd/Mayfield Rd											
83870	1,025	-	2,625	-	-	-	-	-	2,625	-	3,650
Ninth Line and Elgin Mills Rd											
83880	7,243	1,853	2,700	-	-	-	-	-	2,700	-	11,796
Ninth Line and Major Mackenzie Dr											
83890	168	270	545	-	-	-	-	-	545	-	983
Hwy 50 - Rutherford Rd to Major Mackenzie Dr											
83900	169	-	315	763	-	-	-	-	1,078	-	1,247
Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd											
84044	-	-	2,400	2,400	2,400	2,400	-	-	9,600	-	9,600
Construction of Roads related Capital Works within Viva/Next corridors											
84120	448	-	-	-	-	-	-	-	-	-	448
Keele St - Hwy 7 to Langstaff Rd											
84150	603	960	1,300	110	-	-	-	-	1,410	-	2,973
Bathurst St - Major Mackenzie Dr to Elgin Mills											
84170	49	-	-	-	-	-	-	-	-	-	49
16th Ave - Kennedy Rd to McCowan Rd											
84180	1,236	705	1,190	406	-	-	-	-	1,596	-	3,537
Leslie St - Wellington St to St. John's Sdrd											
84190	620	180	867	-	-	-	-	-	867	-	1,667
Leslie St - St John's Sdrd to Mulock Dr											
84200	1,396	960	460	760	3,260	5,500	-	-	9,980	-	12,336
Doane Rd - Hwy 404 to Yonge St											
84860	277	-	-	-	-	-	-	-	-	-	277
Bathurst St and Davis Drive											

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
84890 Kennedy Rd - 14th Ave to Hwy 407	141	-	-	-	-	-	-	-	-	-	141
85120 Donald Cousens Parkway - Hwy 407 to Box Grove By-Pass	13,625	650	-	-	-	-	-	-	-	-	14,275
85560 Rutherford Rd - Keele St to Dufferin St	733	90	216	54	-	-	-	-	270	-	1,093
85570 Rutherford Rd - Jane St to Keele St	181	76	310	90	-	-	-	-	400	-	657
85580 Rutherford Rd - Dufferin St to Bathurst St	672	90	216	54	-	-	-	-	270	-	1,032
85590 Carville Rd - Bathurst St to Yonge St	200	96	232	58	-	-	-	-	290	-	586
85620 2nd Concession - Green Lane to Doane Rd	7,003	7,873	6,275	17,175	10,375	9,725	-	-	43,550	-	58,426
85650 Major Mackenzie Dr - CPR to Hwy 27	92	1,000	3,600	4,000	5,000	-	-	-	12,600	-	13,692
85660 Major Mackenzie Dr - Pine Valley Dr to Weston Rd	1,017	650	2,500	3,000	-	-	-	-	5,500	-	7,167
85670 Major Mackenzie Dr - Hwy 400 to Jane St	10	-	-	-	-	-	-	-	-	-	10
85680 Major Mackenzie Dr - Jane St to Keele St	17	-	-	-	-	-	-	-	-	-	17
85690 Stouffville Rd - Warden Ave to Kennedy Rd	9,756	1,150	-	-	-	-	-	-	-	-	10,906
85710 Yonge St - Davis Dr to Green Lane	45	-	-	-	-	-	-	-	-	-	45
85720 Jane St and Major Mackenzie Dr	7	-	-	-	-	-	-	-	-	-	7
85760 Leslie St and 16th Ave	17	-	-	-	-	-	-	-	-	-	17
85770 Major Mackenzie Dr and Leslie St	10	-	-	-	-	-	-	-	-	-	10
85780 Ninth Line and Stouffville Rd - Jog Elimination	10,244	1,900	2,770	-	-	-	-	-	2,770	-	14,914
85810 Arterial Corridor Transportation Studies	190	250	250	-	-	-	-	-	250	-	690
85830 Retrofit Noise Mitigation	112	50	50	-	-	-	-	-	50	-	212
86730 Highway 404 Interchange at Doane Road	8,147	-	4,839	-	-	-	-	-	4,839	-	12,986
86770 Major Mackenzie Dr - Bathurst St to Keele St	3	-	-	-	-	-	-	-	-	-	3
86880 Pedestrian/Cycling Municipal Partnership Program	801	500	975	-	-	-	-	-	975	-	2,276

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
86900	386	30	70	330	-	-	-	-	400	-	816
86910	323	-	-	-	-	-	-	-	-	-	323
86920	432	-	-	-	-	-	-	-	-	-	432
86930	446	-	-	-	-	-	-	-	-	-	446
94200	17,998	240	15	15	-	-	-	-	30	-	18,268
96020	3,935	5,723	3,293	50	7,992	7,759	-	-	19,094	-	28,752
96770	900	640	565	2,575	-	-	-	-	3,140	-	4,680
97000	266	-	-	-	-	-	-	-	-	-	266
97010	4,768	6,182	2,327	91	85	-	-	-	2,503	-	13,453
97080	2,008	1,000	6,090	2,998	35	-	-	-	9,123	-	12,131
97100	1,157	425	1,610	1,620	-	-	-	-	3,230	-	4,812
97120	14,273	210	-	-	-	-	-	-	-	-	14,483
97150	1,510	-	260	1,000	-	-	-	-	1,260	-	2,770
97230	1,112	200	200	-	-	-	-	-	200	-	1,512
98170	7,788	-	-	-	-	-	-	-	-	-	7,788
98180	566	562	1,775	-	-	-	-	-	1,775	-	2,903
98210	4	-	-	-	-	-	-	-	-	-	4
98320	221	-	530	200	-	-	-	-	730	-	951
98330	3,378	27	12	-	-	-	-	-	12	-	3,417
98340	6,951	470	680	-	-	-	-	-	680	-	8,101
98570	14,870	50	-	-	-	-	-	-	-	-	14,920
98600	16,072	-	-	-	-	-	-	-	-	-	16,072

2014 Capital Budget Roads - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
to Kennedy Rd											
98650 Major Mackenzie Dr - Donald Cousens Parkway to 9th Line	82	-	-	-	-	-	-	-	-	-	82
98670 Warden Ave - 16th Ave to Major Mackenzie Dr	1,579	14,843	6,125	207	7	6	-	-	6,345	-	22,767
98690 Bayview Ave - Stouffville Rd to Bloomington Rd	-	-	400	600	200	-	-	-	1,200	-	1,200
98960 Kennedy Rd - Hwy 407 to Hwy 7	93	-	-	-	-	-	-	-	-	-	93
99210 Bayview Ave - Bloomington Rd to Wellington St	33	-	440	440	-	-	-	-	880	-	913
99220 Leslie St/Don Mills Rd - Steeles Ave to Hwy 407	326	-	-	-	-	-	-	-	-	-	326
99240 Kennedy Rd - 14th Ave to Denison St	629	-	-	-	-	-	-	-	-	-	629
99510 16th Ave - Hwy 404 to Woodbine Ave	949	-	-	-	-	-	-	-	-	-	949
99530 Bloomington Rd - Yonge St to Bathurst St	8,396	3,122	12	91	85	-	-	-	188	-	11,706
99540 Langstaff Rd - Dufferin St to Keele St	-	-	530	200	-	-	-	-	730	-	730
99550 McCowan Rd - Steeles Ave to 14th Ave	521	-	-	-	-	-	-	-	-	-	521
99780 McCowan Rd - 14th Ave to Bullock Dr	25	-	-	-	-	-	-	-	-	-	25
99900 Fleet New Additions	5,175	300	600	-	-	-	-	-	600	-	6,075
Total	293,023	77,478	89,743	65,121	45,234	25,490	100	-	225,688	-	596,189
Financing Sources											
Current Tax Levy - Reserves	30,792	7,490	12,211	9,410	3,560	2,540	-	-	27,721	-	66,003
Development Charges	183,734	207	1,163	-	-	-	-	-	1,163	-	185,104
Other Recoveries	726	-	-	-	-	-	-	-	-	-	726
Reserves	27,308	1,890	780	300	300	100	100	-	1,580	-	30,778
Sub Total Regional	242,560	9,587	14,154	9,710	3,860	2,640	100	-	30,464	-	282,611
Federal Funding	831	-	-	-	-	-	-	-	-	-	831
Provincial Funding	831	-	1,900	4,384	4,660	-	-	-	10,944	-	11,775
Other Recoveries	4,917	2,321	2,700	4,384	4,660	-	-	-	11,744	-	18,982

2014 Capital Budget Roads - Projects by Program Group

Capital Spending Authority
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Sub Total External	6,579	2,321	4,600	8,768	9,320	-	-	-	22,688	-	31,588
Total Available Financing	249,139	11,908	18,754	18,478	13,180	2,640	100	-	53,152	-	314,199
Total Debenture Requirements	43,884	65,570	70,989	46,643	32,054	22,850	-	-	172,536	-	281,990
Total Financing Sources	293,023	77,478	89,743	65,121	45,234	25,490	100	-	225,688	-	596,189

Program Group: Rehabilitation & Replacement

Gross Expenditures

39930	Bridge & Culvert Rehabilitation	6,448	3,000	2,590	-	-	-	-	2,590	-	12,038
39960	Various Road Resurfacing	100,746	15,450	12,370	-	-	-	-	12,370	-	128,566
39980	Various Road Improvements	29,423	2,150	2,200	-	-	-	-	2,200	-	33,773
80101	King Rd - Yonge St to Bond Crescent	91	30	370	350	-	-	-	720	-	841
80200	Udora Bridge Reconstruction	-	270	2,045	-	-	-	-	2,045	-	2,315
80210	Umphrey Bridge Reconstruction	-	355	2,935	-	-	-	-	2,935	-	3,290
81933	Asset Management Optimization Software Long-range Forecast	-	-	200	200	200	-	-	800	-	800
83910	Road Asset Management	898	695	1,200	550	165	500	-	2,415	-	4,008
83940	Teston Rd - East of Pine Valley Dr	1,132	-	-	-	-	-	-	-	-	1,132
84950	Drainage System Program	800	250	260	-	-	-	-	260	-	1,310
99870	Various Railway Crossing Improvements	3,297	500	500	-	-	-	-	500	-	4,297
99880	Vivian Rd - Hwy 48 to York Durham Line	1,141	-	-	-	-	-	-	-	-	1,141
99910	Fleet Replacement	6,400	3,542	2,993	-	-	-	-	2,993	-	12,935
Total		150,376	26,242	27,663	1,100	365	700	-	29,828	-	206,446

Financing Sources

	Current Tax Levy - Reserves	97,827	16,777	13,794	735	255	490	-	15,274	-	129,878
	Development Charges	2,259	-	420	225	110	210	-	965	-	3,224
	Other Recoveries	277	-	-	-	-	-	-	-	-	277

2014 Capital Budget
Roads - Projects by Program Group
 Capital Spending Authority
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Reserves	47,244	7,345	9,958	-	-	-	-	-	9,958	-	64,547
Sub Total Regional	147,607	24,122	24,172	960	365	700	-	-	26,197	-	197,926
Provincial Funding	2,370	-	-	-	-	-	-	-	-	-	2,370
Other Recoveries	399	-	48	-	-	-	-	-	48	-	447
Sub Total External	2,769	-	48	-	-	-	-	-	48	-	2,817
Total Available Financing	150,376	24,122	24,220	960	365	700	-	-	26,245	-	200,743
Total Debenture Requirements	-	2,120	3,443	140	-	-	-	-	3,583	-	5,703
Total Financing Sources	150,376	26,242	27,663	1,100	365	700	-	-	29,828	-	206,446

2014 Capital Budget Roads - Total Capital Spending Authority (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	443,399	103,720	117,406	66,221	45,599	26,190	100	-	255,516	-	802,635
Regional											
Current Tax Levy - Reserves	128,619	24,267	26,005	10,145	3,815	3,030	-	-	42,995	-	195,881
Development Charges	185,993	207	1,583	225	110	210	-	-	2,128	-	188,328
Other Recoveries	1,003	-	-	-	-	-	-	-	-	-	1,003
Reserves	74,552	9,235	10,738	300	300	100	100	-	11,538	-	95,325
Sub Total Regional	390,167	33,709	38,326	10,670	4,225	3,340	100	-	56,661	-	480,537
External											
Federal Funding	831	-	-	-	-	-	-	-	-	-	831
Provincial Funding	3,201	-	1,900	4,384	4,660	-	-	-	10,944	-	14,145
Other Recoveries	5,316	2,321	2,748	4,384	4,660	-	-	-	11,792	-	19,429
Sub Total External	9,348	2,321	4,648	8,768	9,320	-	-	-	22,736	-	34,405
Total Available Financing	399,515	36,030	42,974	19,438	13,545	3,340	100	-	79,397	-	514,942
Debenture											
Debenture Proceeds	43,565	-	-	-	-	-	-	-	-	-	43,565
Debenture Proceeds DC	287	67,690	74,333	46,783	32,054	22,850	-	-	176,020	-	243,997
Debenture Proceeds Tax Levy	32	-	99	-	-	-	-	-	99	-	131
Sub Total Debenture	43,884	67,690	74,432	46,783	32,054	22,850	-	-	176,119	-	287,693
Total Financing Sources	443,399	103,720	117,406	66,221	45,599	26,190	100	-	255,516	-	802,635

2014 Capital Budget Roads - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39910	Misc. Design & Survey for Future Projects	750	75	-	-	675	-	-	-
39920	Property Acquisition for Future Capital Projects	500	50	-	450	-	-	-	-
39930	Bridge & Culvert Rehabilitation	2,590	1,565	248	777	-	-	-	-
39960	Various Road Resurfacing	12,370	8,925	3,445	-	-	-	-	-
39970	Misc. Developer Credit	825	825	-	-	-	-	-	-
39980	Various Road Improvements	2,200	1,540	-	660	-	-	-	-
80101	King Rd - Yonge St to Bond Crescent	720	432	-	288	-	-	-	-
80104	Keele St and Loydtown/Aurora Rd	1,085	108	-	977	-	-	-	-
80116	Teston Rd and Pine Valley Dr - Jog Elimination	950	94	-	856	-	-	-	-
80117	Munirom App Track Development tracking Software	150	15	-	-	135	-	-	-
80118	Capital Requirement for Roads Maintenance Yards	3,065	3,065	-	-	-	-	-	-
80119	Development Tracking System	1,000	100	-	900	-	-	-	-
80121	Development TDM	1,100	-	1,100	-	-	-	-	-
80170	Corridor Design Guideline Study	25	2	-	-	23	-	-	-
80200	Udora Bridge Reconstruction	2,045	-	1,431	614	-	-	-	-
80210	Umphrey Bridge Reconstruction	2,935	-	2,021	866	-	-	-	48
80230	Portable Snow Melting Facilities	1,500	494	-	1,006	-	-	-	-
80270	York Durham Line and Durham Rd 5	332	33	-	299	-	-	-	-
80430	Regional Streetscaping	1,380	276	-	1,104	-	-	-	-
80610	Bathurst St - King Rd to Wellington St	20	1	-	19	-	-	-	-
80620	Bathurst St - Wellington St to Mulock Dr	14	2	-	12	-	-	-	-
80660	Ninth Line - North of Major Mackenzie Dr to Stouffville Main St	9,825	983	-	8,842	-	-	-	-
80670	Bayview Ave - 19th Ave to Stouffville Rd	1,260	126	-	1,134	-	-	-	-
80680	Bayview Ave - Elgin Mills Rd to 19th Ave	1,319	132	-	1,187	-	-	-	-
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	653	65	-	588	-	-	-	-
81010	King Rd and Weston Rd	288	29	-	259	-	-	-	-
81020	King Rd and Highway 27	240	24	-	216	-	-	-	-
81030	Leslie St and 19th Ave	600	60	-	540	-	-	-	-
81040	York Region Roads Operations Facility Strategy	1,425	143	-	1,282	-	-	-	-
81050	Road Weather Inventory System (RWIS)	75	75	-	-	-	-	-	-

2014 Capital Budget Roads - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	4,380	437	-	3,943	-	-	-	-
81510	Keele St and 15th Sideroad	57	6	-	51	-	-	-	-
81810	Hwy 50 - Hwy 7 to Rutherford Rd	505	30	200	275	-	-	-	-
81933	Asset Management Optimization Software Long-range Forecast	800	560	-	-	240	-	-	-
81964	Hwy 27 road widening at the CPR Bridge	1,300	130	-	1,170	-	-	-	-
81968	Mid Block Crossing - Hwy 404 north of 16th Ave	1,500	50	-	450	-	500	-	500
81969	Elgin Mills Rd - Yonge St to Bathurst St	730	73	-	657	-	-	-	-
81972	Stouffville Rd - Bayview Ave to Hwy 404	1,250	125	-	1,125	-	-	-	-
81974	Mid Block Crossing - Hwy404 North of Elgin Mills Rd	1,650	56	-	492	-	551	-	551
82680	Mid Block Crossing - Hwy 404 North of Hwy 7	29,680	989	-	8,905	-	9,893	-	9,893
82690	Vaughan Metropolitan Centre - Hwy 400/Hwy 7 Interchange	110	11	-	99	-	-	-	-
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	1,360	136	-	1,224	-	-	-	-
83480	Transportation Master Plan Update	500	50	-	450	-	-	-	-
83870	Ninth Line and Elgin Mills Rd	2,625	112	150	2,363	-	-	-	-
83880	Ninth Line and Major Mackenzie Dr	2,700	270	-	2,430	-	-	-	-
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	545	54	-	491	-	-	-	-
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	1,078	107	-	971	-	-	-	-
83910	Road Asset Management	2,415	1,690	-	-	725	-	-	-
84044	Construction of Roads related Capital Works within Viva/Next corridors	9,600	960	-	8,640	-	-	-	-
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	1,410	141	-	1,269	-	-	-	-
84180	Leslie St - Wellington St to St. John's Sdrd	1,596	160	-	1,436	-	-	-	-
84190	Leslie St - St John's Sdrd to Mulock Dr	867	87	-	780	-	-	-	-
84200	Doane Rd - Hwy 404 to Yonge St	9,980	998	-	8,982	-	-	-	-
84950	Drainage System Program	260	182	-	78	-	-	-	-
85560	Rutherford Rd - Keele St to Dufferin St	270	27	-	243	-	-	-	-
85570	Rutherford Rd - Jane St to Keele St	400	40	-	360	-	-	-	-
85580	Rutherford Rd - Dufferin St to Bathurst St	270	27	-	243	-	-	-	-
85590	Carville Rd - Bathurst St to Yonge St	290	29	-	261	-	-	-	-
85620	2nd Concession - Green Lane to Doane Rd	43,550	4,357	-	39,193	-	-	-	-

2014 Capital Budget Roads - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
85650	Major Mackenzie Dr - CPR to Hwy 27	12,600	1,260	-	11,340	-	-	-	-
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	5,500	550	-	4,950	-	-	-	-
85780	Ninth Line and Stouffville Rd - Jog Elimination	2,770	67	130	1,773	-	-	-	800
85810	Arterial Corridor Transportation Studies	250	25	-	-	225	-	-	-
85830	Retrofit Noise Mitigation	50	5	-	-	45	-	-	-
86730	Highway 404 Interchange at Doane Road	4,839	484	-	4,355	-	-	-	-
86880	Pedestrian/Cycling Municipal Partnership Program	975	975	-	-	-	-	-	-
86900	Keele St and 17th Sdrd	400	40	-	360	-	-	-	-
94200	Ninth Line - Hwy 407 to the Markham Bypass	30	2	-	28	-	-	-	-
96020	Bathurst St - Green Lane West to Yonge St	19,094	1,909	-	17,185	-	-	-	-
96770	Keele St - Steeles Ave to Hwy 7	3,140	315	-	2,825	-	-	-	-
97010	Bloomington Rd - Yonge St to Bayview Ave	2,503	250	-	2,253	-	-	-	-
97080	Bloomington Rd - Bayview Ave to Hwy 404	9,123	912	-	8,211	-	-	-	-
97100	St John's Sdrd - Bayview Ave to Woodbine Ave	3,230	1,938	-	1,292	-	-	-	-
97150	Leslie St - Bethesda Sdrd to Bloomington Rd	1,260	756	-	504	-	-	-	-
97230	Pavement Management Study - System Maintenance	200	140	-	-	60	-	-	-
98180	Hwy 7 - Town Centre Blvd to Sciberras Rd	1,775	177	-	1,598	-	-	-	-
98320	Leslie St - Green Lane to Mount Albert Rd	730	73	-	657	-	-	-	-
98330	Gamble Sdrd - Yonge St to Bathurst St	12	1	-	11	-	-	-	-
98340	19th Ave - Yonge St to Bayview Ave	680	68	-	612	-	-	-	-
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	6,345	636	-	5,709	-	-	-	-
98690	Bayview Ave - Stouffville Rd to Bloomington Rd	1,200	120	-	1,080	-	-	-	-
99210	Bayview Ave - Bloomington Rd to Wellington St	880	88	-	792	-	-	-	-
99530	Bloomington Rd - Yonge St to Bathurst St	188	18	-	170	-	-	-	-
99540	Langstaff Rd - Dufferin St to Keele St	730	73	-	657	-	-	-	-
99870	Various Railway Crossing Improvements	500	200	-	300	-	-	-	-
99900	Fleet New Additions	600	600	-	-	-	-	-	-
99910	Fleet Replacement	2,993	180	2,813	-	-	-	-	-
Total Tax Supported		255,516	42,995	11,538	176,119	2,128	10,944	-	11,792

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost.
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Program Group: Growth

Gross Expenditures

39910	Misc. Design & Survey for Future Projects	12,604	750	750	750	750	750	3,750	7,500	-	20,854
39920	Property Acquisition for Future Capital Projects	4,266	200	500	500	500	500	2,500	5,000	-	9,466
39970	Misc. Developer Credit	15,304	1,000	650	650	650	650	3,250	6,675	-	22,979
80102	15th Sdrd - Keele St to Bathurst St	18	-	-	-	-	-	-	-	-	18
80104	Keele St and Loydtown/Aurora Rd	155	400	1,085	2,468	-	-	-	3,553	-	4,108
80116	Teston Rd and Pine Valley Dr - Jog Elimination	-	-	475	475	475	7,600	-	9,500	-	9,500
80117	Munirom App Track Development tracking Software	-	-	150	-	-	-	-	150	-	150
80118	Capital Requirement for Roads Maintenance Yards	-	-	485	3,800	700	420	-	5,405	-	5,405
80119	Development Tracking System	-	-	250	750	-	-	-	1,000	-	1,000
80121	Development TDM	-	-	300	300	100	100	-	1,100	-	1,100
80170	Corridor Design Guideline Study	81	200	25	-	-	-	-	25	-	306
80180	King Rd - Urbanization from Dufferin St to 1 km west	-	1,600	-	-	-	-	-	-	-	1,600
80190	Block 18 - Intersection Improvements	-	1,750	-	-	-	-	-	-	-	1,750
80230	Portable Snow Melting Facilities	-	-	750	750	-	-	-	1,500	-	1,500
80270	York Durham Line and Durham Rd 5	80	1,436	332	-	-	-	-	332	-	1,848
80430	Regional Streetscapping	6,853	1,380	1,380	1,380	1,380	1,380	6,900	13,800	-	22,033
80610	Bathurst St - King Rd to Wellington St	14,316	25	15	5	-	-	-	20	-	14,361
80620	Bathurst St - Wellington St to Mullock Dr	13,085	15	7	7	-	-	-	14	-	13,114
80660	Ninth Line - North of Major Mackenzie Dr to Stouffville Main St	4,868	3,320	7,155	2,670	-	4,320	-	14,145	-	22,333
80670	Bayview Ave - 19th Ave to Stouffville Rd	508	70	1,010	250	-	-	5,965	7,225	-	7,803

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
80680 Bayview Ave - Elgin Mills Rd to 19th Ave	2,015	440	1,277	972	7,793	5,448	-	-	15,490	-	17,945
80720 Markham Bypass - Major Mackenzie Dr to Hwy 48	5,256	664	653	80	-	-	-	6,960	7,693	-	13,613
81010 King Rd and Weston Rd	-	180	288	109	-	-	1,309	-	1,706	-	1,886
81020 King Rd and Highway 27	-	86	240	200	-	2,165	-	-	2,605	-	2,691
81030 Leslie St and 19th Ave	-	250	600	500	3,965	-	-	-	5,065	-	5,315
81040 York Region Roads Operations Facility Strategy	-	75	800	625	-	-	-	-	1,425	-	1,500
81050 Road Weather Inventory System (RWIS)	-	75	75	-	-	-	-	-	75	-	150
81320 Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	6,396	150	-	-	-	-	-	26,000	26,000	-	32,546
81350 Jane St - Steeles Ave to Hwy 7	16	-	-	-	-	-	-	32	32	16,846	16,894
81390 Bathurst St - North of Hwy 7 to Rutherford Rd	892	130	1,225	2,140	1,015	200	1,250	8,740	14,570	-	15,592
81400 Major Mackenzie Dr - Leslie St to Woodbine Ave	17	-	-	-	-	-	410	2,620	3,030	9,910	12,957
81410 Leslie St - Hwy 7 to Hwy 407	-	-	-	-	-	-	-	106	106	3,089	3,195
81420 Bayview Ave - Hwy 7 to John St	249	-	-	265	110	-	-	-	375	19,412	20,036
81430 Cedar Ave Ext - Langstaff Rd to High Tech Rd	6	-	-	-	-	-	-	-	-	-	6
81510 Keele St and 15th Sideroad	3,854	10	57	-	-	-	-	-	57	-	3,921
81800 Davis Dr - Prospect St to west of Main St	447	-	-	-	-	-	-	-	-	-	447
81810 Hwy 50 - Hwy 7 to Rutherford Rd	14,164	5,000	505	585	625	-	-	-	1,715	-	20,879
81931 Civil Works - Within the Limits of the Viva Yellow Route	-	-	-	-	86	172	431	172	861	-	861
81932 Civil Works - Within the Limits of the Viva Purple Route	-	-	-	234	467	1,168	467	-	2,336	-	2,336
81944 Major Mackenzie Dr - Weston Rd to Hwy 400	-	-	-	-	-	-	-	456	456	4,096	4,552
81962 Civil Works - Within the Limits of the Viva Silver Route	-	-	-	-	938	1,877	4,692	1,877	9,384	-	9,384
81963 Civil Works - Within the Limits of the Viva Green Route	-	-	-	839	1,678	4,195	1,678	-	8,390	-	8,390

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
81964 Hwy 27 road widening at the CPR Bridge	-	-	300	500	1,100	4,350	7,350	-	13,600	-	13,600
81965 Civil Works - Within the Limits of the Viva Orange Route	-	-	-	184	368	920	368	-	1,840	-	1,840
81968 Mid Block Crossing - Hwy 404 north of 16th Ave	-	-	750	750	-	-	1,500	27,000	30,000	-	30,000
81969 Elgin Mills Rd - Yonge St to Bathurst St	-	-	200	530	250	250	8,800	-	10,030	-	10,030
81971 Bathurst St - Elgin Mills Rd to 19th Ave	-	-	-	-	-	535	535	1,070	2,140	8,560	10,700
81972 Stouffville Rd - Bayview Ave to Hwy 404	-	-	500	750	-	-	-	7,050	8,300	-	8,300
81973 Hwy27 - Major Mackenzie Dr to Nashville Rd	-	-	-	-	-	-	1,000	8,000	9,000	7,500	16,500
81974 Mid Block Crossing - Hwy404 North of Elgin Mills Rd	-	-	350	650	650	-	3,000	27,000	31,650	-	31,650
81976 Mid Block Crossing - Hwy 400 at Block 32	-	-	-	-	-	-	-	1,280	1,280	5,108	6,388
81978 Warden Ave - McPherson St to Hwy 407	-	-	-	-	-	-	-	300	300	1,200	1,500
81979 McCowan Rd - Bullock Dr to 16th Ave	-	-	-	-	-	-	-	2,060	2,060	8,240	10,300
81983 Rutherford Rd - Pine Valley Dr to Weston Rd	-	-	-	-	-	-	-	538	538	10,214	10,752
81986 Wellington St - Leslie St to Hwy 404	-	-	-	-	-	-	-	180	180	3,420	3,600
82680 Mid Block Crossing - Hwy 404 North of Hwy 7	357	3,220	4,600	11,750	13,330	-	-	-	29,680	-	33,257
82690 Vaughan Metropolitan Centre - Hwy 400/Hwy 7 Interchange	973	450	110	420	630	5,490	-	-	6,650	-	8,073
82700 16th Ave - Woodbine Ave to Warden Ave	98	-	-	-	-	-	-	-	-	-	98
82730 Dufferin St - Major Mackenzie Dr to Teston Rd	2	-	-	-	-	-	-	110	110	11,212	11,324
82740 Bayview Ave - 16th Ave to Major Mackenzie Dr	105	-	-	400	200	-	460	7,292	8,352	-	8,457
82860 Bathurst St - Rutherford Rd to Major Mackenzie Dr	1,350	1,175	1,250	110	-	200	600	9,470	11,630	-	14,155
83340 Bathurst St - Centre St to Hwy 407	3	-	-	-	-	-	-	118	118	4,397	4,518

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
83360 Leslie St - Hwy 7 to 16th Ave	-	-	-	-	-	-	-	170	170	12,707	12,877
83380 Markham Rd - Steeles Ave to Hwy 407 incl. Grade Separation	-	-	-	-	-	-	-	148	148	11,027	11,175
83390 16th Ave - Warden Ave to Kennedy Rd	539	-	-	-	-	-	-	-	-	-	539
83480 Transportation Master Plan Update	587	100	300	200	-	-	100	1,550	2,150	-	2,837
83850 Hwy 50 and Albion-Vaughan Rd/Mayfield Rd	130	-	-	-	545	700	720	3,421	5,386	-	5,516
83870 Ninth Line and Elgin Mills Rd	1,025	-	2,625	-	-	-	-	-	2,625	-	3,650
83880 Ninth Line and Major Mackenzie Dr	7,243	1,853	2,700	-	-	-	-	-	2,700	-	11,796
83890 Hwy 50 - Rutherford Rd to Major Mackenzie Dr	168	270	545	700	720	-	-	3,411	5,376	-	5,814
83900 Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	169	-	315	763	1,000	1,400	3,738	9,182	16,398	-	16,567
84044 Construction of Roads related Capital Works within Viva/Next corridors	-	-	2,400	2,400	2,400	2,400	-	-	9,600	-	9,600
84045 Lake to Lake Cycling Facilities	-	-	-	-	-	1,736	2,604	13,519	17,859	4,389	22,248
84120 Keele St - Hwy 7 to Langstaff Rd	448	-	-	-	-	-	-	2,554	2,554	6,791	9,793
84150 Bathurst St - Major Mackenzie Dr to Elgin Mills	603	960	1,300	110	400	1,000	-	12,330	15,140	-	16,703
84160 Mid Block Crossing - Hwy 404 North of Major Mackenzie Dr	-	-	-	-	-	-	-	300	300	13,170	13,470
84170 16th Ave - Kennedy Rd to McCowan Rd	49	-	-	-	-	-	-	-	-	-	49
84180 Leslie St - Wellington St to St. John's Sdrd	1,236	705	1,190	784	-	-	-	5,099	7,073	849	9,863
84190 Leslie St - St John's Sdrd to Mulock Dr	620	180	867	-	-	-	-	6,947	7,814	-	8,614
84200 Doane Rd - Hwy 404 to Yonge St	1,396	960	460	760	3,260	5,500	2,000	-	11,980	28,000	42,336
84860 Bathurst St and Davis Drive	277	-	-	1,075	3,695	-	-	-	4,770	-	5,047
84890 Kennedy Rd - 14th Ave to Hwy 407	141	-	-	-	-	-	-	1,110	1,110	4,872	6,123
85120 Donald Cousens Parkway - Hwy 407 to Box Grove By-Pass	13,625	650	-	-	-	-	-	-	-	-	14,275
85560 Rutherford Rd - Keele St to Dufferin St	733	90	216	604	550	1,040	2,900	31,480	36,790	-	37,613

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
85570 Rutherford Rd - Jane St to Keele St	181	76	310	90	735	4,135	6,605	13,625	25,500	-	25,757
85580 Rutherford Rd - Dufferin St to Bathurst St	672	90	216	54	300	940	-	9,340	10,850	-	11,612
85590 Carrville Rd - Bathurst St to Yonge St	200	96	232	58	350	590	-	7,850	9,080	-	9,376
85600 16th Ave - Yonge St to Bayview Ave	-	-	-	-	100	272	-	20,342	20,714	-	20,714
85610 16th Ave - Leslie St to Hwy 404	-	-	-	-	100	153	140	7,609	8,002	-	8,002
85620 2nd Concession - Green Lane to Doane Rd	7,003	7,873	6,275	17,175	10,375	9,725	-	-	43,550	-	58,426
85630 Keele St - Langstaff Rd to Rutherford Rd	-	-	-	-	-	-	-	3,548	3,548	5,835	9,383
85650 Major Mackenzie Dr - CPR to Hwy 27	92	1,000	3,600	4,000	5,760	17,280	10,940	-	41,580	-	42,672
85660 Major Mackenzie Dr - Pine Valley Dr to Weston Rd	1,017	650	2,500	13,220	4,420	-	-	-	20,140	-	21,807
85670 Major Mackenzie Dr - Hwy 400 to Jane St	10	-	-	-	-	-	-	175	175	6,495	6,680
85680 Major Mackenzie Dr - Jane St to Keele St	17	-	-	-	-	-	-	450	450	12,040	12,507
85690 Stouffville Rd - Warden Ave to Kennedy Rd	9,756	1,150	-	-	-	-	-	-	-	-	10,906
85710 Yonge St - Davis Dr to Green Lane	45	-	-	-	-	-	-	2,400	2,400	20,970	23,415
85720 Jane St and Major Mackenzie Dr	7	-	-	-	-	-	-	-	-	-	7
85750 Leslie St and Hwy 7	-	-	-	-	-	-	-	100	100	4,480	4,580
85760 Leslie St and 16th Ave	17	-	-	-	-	-	-	200	200	4,437	4,654
85770 Major Mackenzie Dr and Leslie St	10	-	-	-	-	-	70	620	690	3,300	4,000
85780 Ninth Line and Stouffville Rd - Jog Elimination	10,244	1,900	2,770	-	-	-	-	-	2,770	-	14,914
85810 Arterial Corridor Transportation Studies	190	250	250	250	250	250	250	1,250	2,500	-	2,940
85830 Retrofit Noise Mitigation	112	50	50	50	50	50	50	250	500	-	662
86730 Highway 404 Interchange at Doane Road	8,147	-	4,839	-	-	-	-	-	4,839	-	12,986
86770 Major Mackenzie Dr - Bathurst St to Keele St	3	-	-	-	-	-	-	-	-	-	3

2014 Capital Budget Roads - Projects by Program Group

10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
86880	801	500	975	500	500	500	500	2,500	5,475	-	6,776
86900	386	30	70	330	-	-	-	-	400	1,943	2,759
86910	323	-	-	320	610	710	200	-	1,840	2,150	4,313
86920	432	-	-	-	125	155	250	-	530	3,155	4,117
86930	446	-	-	-	240	600	50	-	890	3,665	5,001
94200	17,998	240	15	15	-	-	-	-	30	-	18,268
96020	3,935	5,723	3,293	50	7,992	7,759	-	-	19,094	-	28,752
96770	900	640	565	2,575	330	1,300	10,330	10,995	26,095	6,800	34,435
97000	266	-	-	-	200	400	520	6,466	7,586	-	7,852
97010	4,768	6,182	2,327	91	85	-	-	-	2,503	-	13,453
97080	2,008	1,000	6,090	2,998	35	-	-	-	9,123	-	12,131
97100	1,157	425	1,610	2,120	524	-	-	3,130	7,384	12,869	21,835
97120	14,273	210	-	-	-	-	-	-	-	-	14,483
97150	1,510	-	260	1,000	200	500	-	-	1,960	8,000	11,470
97230	1,112	200	200	200	200	200	200	1,000	2,000	-	3,312
98170	7,788	-	-	-	-	-	-	-	-	-	7,788
98180	566	562	1,775	4,261	10,600	2,500	-	-	19,136	-	20,264
98210	4	-	-	-	-	-	-	-	-	-	4
98320	221	-	530	200	-	250	470	4,742	6,192	3,618	10,031
98330	3,378	27	12	-	-	-	-	-	12	-	3,417
98340	6,951	470	680	2,285	-	-	-	-	2,965	-	10,386

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost	
98570	Langstaff Rd - Hwy 50 to Hwy 27	14,870	50	-	-	-	-	-	-	-	14,920	
98600	Major Mackenzie Dr - Woodbine Ave to Kennedy Rd	16,072	-	-	-	-	-	-	-	-	16,072	
98650	Major Mackenzie Dr - Donald Cousens Parkway to 9th Line	82	-	240	820	-	-	-	1,060	-	1,142	
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	1,579	14,843	207	7	6	-	-	6,345	-	22,767	
98690	Bayview Ave - Stouffville Rd to Bloomington Rd	-	-	400	600	200	570	320	2,460	4,320	6,780	
98960	Kennedy Rd - Hwy 407 to Hwy 7	93	-	-	-	-	-	625	625	8,255	8,973	
99180	16th Ave - Bayview Ave to Leslie St	-	-	-	200	172	-	12,249	12,621	-	12,621	
99210	Bayview Ave - Bloomington Rd to Wellington St	33	-	440	440	660	880	1,440	3,860	9,640	13,533	
99220	Leslie St/Don Mills Rd - Steeles Ave to Hwy 407	326	-	-	-	-	-	85	85	5,640	6,051	
99240	Kennedy Rd - 14th Ave to Denison St	629	-	-	-	-	250	2,870	3,120	10,390	14,139	
99510	16th Ave - Hwy 404 to Woodbine Ave	949	-	-	200	172	401	6,746	7,519	-	8,468	
99530	Bloomington Rd - Yonge St to Bathurst St	8,396	3,122	12	91	85	-	-	188	-	11,706	
99540	Langstaff Rd - Dufferin St to Keele St	-	-	530	200	450	1,300	9,050	11,530	-	11,530	
99550	McCowan Rd - Steeles Ave to 14th Ave	521	-	-	-	560	515	10,260	11,335	-	11,856	
99780	McCowan Rd - 14th Ave to Bullock Dr	25	-	-	655	-	495	14,005	15,155	-	15,180	
99900	Fleet New Additions	5,175	300	600	500	400	400	2,000	4,300	-	9,775	
Total		293,023	77,478	89,743	98,864	97,178	95,860	408,309	886,722	333,011	1,590,234	
Financing Sources												
	Current Tax Levy - Reserves	30,792	7,490	12,211	15,857	11,083	11,154	11,135	45,656	107,096	41,770	187,148
	Development Charges	183,734	207	1,163	1,005	1,005	1,005	1,005	5,025	10,208	-	194,149
	Other Recoveries	726	-	-	-	-	-	-	-	-	-	726
	Reserves	27,308	1,890	780	300	300	100	100	1,580	-	-	30,778
	Sub Total Regional	242,560	9,587	14,154	17,162	12,388	12,259	12,240	50,681	118,884	41,770	412,801

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Federal Funding	831	-	-	-	-	-	-	-	-	-	831
Provincial Funding	831	-	1,900	4,384	4,660	-	1,500	18,100	30,544	4,390	35,765
Other Recoveries	4,917	2,321	2,700	4,544	7,807	1,500	1,500	18,235	36,286	5,038	48,562
Sub Total External	6,579	2,321	4,600	8,928	12,467	1,500	3,000	36,335	66,830	9,428	85,158
Total Available Financing	249,139	11,908	18,754	26,090	24,855	13,759	15,240	87,016	185,714	51,198	497,959
Total Debtenture Requirements	43,884	65,570	70,989	72,774	72,323	82,101	81,528	321,293	701,008	281,813	1,092,275
Total Financing Sources	293,023	77,478	89,743	98,864	97,178	95,860	96,768	408,309	886,722	333,011	1,590,234

Program Group: Rehabilitation & Replacement

Gross Expenditures

39930	Bridge & Culvert Rehabilitation	6,448	3,000	2,590	3,180	3,270	3,360	3,540	21,030	36,970	-	46,418
39960	Various Road Resurfacing	100,746	15,450	12,370	14,350	14,700	15,050	15,750	91,700	163,920	-	280,116
39980	Various Road Improvements	29,423	2,150	2,200	2,750	2,800	2,850	2,950	16,600	30,150	-	61,723
80101	King Rd - Yonge St to Bond Crescent	91	30	370	576	-	-	-	4,431	5,377	-	5,498
80200	Udora Bridge Reconstruction	-	270	2,045	-	-	-	-	-	2,045	-	2,315
80210	Umphrey Bridge Reconstruction	-	355	2,935	-	-	-	-	-	2,935	-	3,290
81933	Asset Management Optimization Software Long-range Forecast	-	-	200	200	200	200	-	-	800	-	800
83910	Road Asset Management	898	695	1,200	550	165	500	-	-	2,415	-	4,008
83940	Teston Rd - East of Pine Valley Dr	1,132	-	-	-	-	-	-	-	-	-	1,132
84950	Drainage System Program	800	250	260	270	280	290	310	1,920	3,330	-	4,380
99870	Various Railway Crossing Improvements	3,297	500	500	500	500	500	500	2,500	5,000	-	8,797
99880	Vivian Rd - Hwy 48 to York Durham Line	1,141	-	-	-	-	-	-	-	-	-	1,141
99910	Fleet Replacement	6,400	3,542	2,993	1,650	2,810	2,730	3,260	14,510	27,953	-	37,895
Total		150,376	26,242	27,663	24,026	24,725	25,480	26,310	152,691	280,895	-	457,513

Financing Sources

2014 Capital Budget Roads - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Current Tax Levy - Reserves	97,827	16,777	13,794	20,371	20,840	20,080	20,160	124,949	220,194	-	334,798
Development Charges	2,259	-	420	225	110	210	-	-	965	-	3,224
Other Recoveries	277	-	-	-	-	-	-	-	-	-	277
Reserves	47,244	7,345	9,958	1,040	1,570	2,940	3,810	12,305	31,623	-	86,212
Sub Total Regional	147,607	24,122	24,172	21,636	22,520	23,230	23,970	137,254	252,782	-	424,511
Provincial Funding	2,370	-	-	-	-	-	-	-	-	-	2,370
Other Recoveries	399	-	48	-	-	-	-	500	548	-	947
Sub Total External	2,769	-	48	-	-	-	-	500	548	-	3,317
Total Available Financing	150,376	24,122	24,220	21,636	22,520	23,230	23,970	137,754	253,330	-	427,828
Total Debenture Requirements	-	2,120	3,443	2,390	2,205	2,250	2,340	14,937	27,565	-	29,685
Total Financing Sources	150,376	26,242	27,663	24,026	24,725	25,480	26,310	152,691	280,895	-	457,513

2014 Capital Budget Roads - Total 10 Year Capital Expenditures (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	443,399	103,720	117,406	122,890	121,903	121,340	123,078	561,000	1,167,617	333,011	2,047,747
Regional											
Current Tax Levy - Reserves	128,619	24,267	26,005	36,228	31,923	31,234	31,295	170,605	327,290	41,770	521,946
Development Charges	185,993	207	1,583	1,230	1,115	1,215	1,005	5,025	11,173	-	197,373
Other Recoveries	1,003	-	-	-	-	-	-	-	-	-	1,003
Reserves	74,552	9,235	10,738	1,340	1,870	3,040	3,910	12,305	33,203	-	116,990
Sub Total Regional	390,167	33,709	38,326	38,798	34,908	35,489	36,210	187,935	371,666	41,770	837,312
External											
Federal Funding	831	-	-	-	-	-	-	-	-	-	831
Provincial Funding	3,201	-	1,900	4,384	4,660	-	1,500	18,100	30,544	4,390	38,135
Other Recoveries	5,316	2,321	2,748	4,544	7,807	1,500	1,500	18,735	36,834	5,038	49,509
Sub Total External	9,348	2,321	4,648	8,928	12,467	1,500	3,000	36,835	67,378	9,428	88,475
Total Available Financing	399,515	36,030	42,974	47,726	47,375	36,989	39,210	224,770	439,044	51,198	925,787
Debenture											
Debenture Proceeds	43,565	-	-	-	-	-	-	-	-	-	43,565
Debenture Proceeds DC	287	67,690	74,333	75,164	74,528	82,615	81,264	322,711	710,615	277,424	1,056,016
Debenture Proceeds Tax Levy	32	-	99	-	-	1,736	2,604	13,519	17,958	4,389	22,379
Sub Total Debenture	43,884	67,690	74,432	75,164	74,528	84,351	83,868	336,230	728,573	281,813	1,121,960
Total Financing Sources	443,399	103,720	117,406	122,890	121,903	121,340	123,078	561,000	1,167,617	333,011	2,047,747

2014 Capital Budget Roads - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39910	Misc. Design & Survey for Future Projects	7,500	750	-	-	6,750	-	-	-
39920	Property Acquisition for Future Capital Projects	5,000	500	-	4,500	-	-	-	-
39930	Bridge & Culvert Rehabilitation	36,970	25,631	248	11,091	-	-	-	-
39960	Various Road Resurfacing	163,920	160,475	3,445	-	-	-	-	-
39970	Misc. Developer Credit	6,675	6,675	-	-	-	-	-	-
39980	Various Road Improvements	30,150	21,105	-	9,045	-	-	-	-
80101	King Rd - Yonge St to Bond Crescent	5,377	2,927	-	1,950	-	-	-	500
80104	Keele St and Loydtown/Aurora Rd	3,553	355	-	3,198	-	-	-	-
80116	Teston Rd and Pine Valley Dr - Jog Elimination	9,500	948	-	8,552	-	-	-	-
80117	Munirom App Track Development tracking Software	150	15	-	-	135	-	-	-
80118	Capital Requirement for Roads Maintenance Yards	5,405	5,405	-	-	-	-	-	-
80119	Development Tracking System	1,000	100	-	900	-	-	-	-
80121	Development TDM	1,100	-	1,100	-	-	-	-	-
80170	Corridor Design Guideline Study	25	2	-	-	23	-	-	-
80200	Udora Bridge Reconstruction	2,045	-	1,431	614	-	-	-	-
80210	Umphrey Bridge Reconstruction	2,935	-	2,021	866	-	-	-	48
80230	Portable Snow Melting Facilities	1,500	494	-	1,006	-	-	-	-
80270	York Durham Line and Durham Rd 5	332	33	-	299	-	-	-	-
80430	Regional Streetscaping	13,800	2,760	-	11,040	-	-	-	-
80610	Bathurst St - King Rd to Wellington St	20	1	-	19	-	-	-	-
80620	Bathurst St - Wellington St to Mulock Dr	14	2	-	12	-	-	-	-
80660	Ninth Line - North of Major Mackenzie Dr to Stouffville Main St	14,145	1,415	-	12,730	-	-	-	-
80670	Bayview Ave - 19th Ave to Stouffville Rd	7,225	708	-	6,382	-	-	-	135
80680	Bayview Ave - Elgin Mills Rd to 19th Ave	15,490	1,293	-	11,630	-	-	-	2,567
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	7,693	769	-	6,924	-	-	-	-
81010	King Rd and Weston Rd	1,706	170	-	1,536	-	-	-	-
81020	King Rd and Highway 27	2,605	260	-	2,345	-	-	-	-
81030	Leslie St and 19th Ave	5,065	448	-	4,037	-	-	-	580
81040	York Region Roads Operations Facility Strategy	1,425	143	-	1,282	-	-	-	-
81050	Road Weather Inventory System (RWIS)	75	75	-	-	-	-	-	-

2014 Capital Budget Roads - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	26,000	2,600	-	23,400	-	-	-	-
81350	Jane St - Steeles Ave to Hwy 7	32	3	-	29	-	-	-	-
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	14,570	1,456	-	13,114	-	-	-	-
81400	Major Mackenzie Dr - Leslie St to Woodbine Ave	3,030	303	-	2,727	-	-	-	-
81410	Leslie St - Hwy 7 to Hwy 407	106	11	-	95	-	-	-	-
81420	Bayview Ave - Hwy 7 to John St	375	37	-	338	-	-	-	-
81510	Keele St and 15th Sideroad	57	6	-	51	-	-	-	-
81810	Hwy 50 - Hwy 7 to Rutherford Rd	1,715	150	200	1,365	-	-	-	-
81931	Civil Works - Within the Limits of the Viva Yellow Route	861	86	-	775	-	-	-	-
81932	Civil Works - Within the Limits of the Viva Purple Route	2,336	234	-	2,102	-	-	-	-
81933	Asset Management Optimization Software Long-range Forecast	800	560	-	-	240	-	-	-
81944	Major Mackenzie Dr - Weston Rd to Hwy 400	456	46	-	410	-	-	-	-
81962	Civil Works - Within the Limits of the Viva Silver Route	9,384	939	-	8,445	-	-	-	-
81963	Civil Works - Within the Limits of the Viva Green Route	8,390	840	-	7,550	-	-	-	-
81964	Hwy 27 road widening at the CPR Bridge	13,600	1,360	-	12,240	-	-	-	-
81965	Civil Works - Within the Limits of the Viva Orange Route	1,840	184	-	1,656	-	-	-	-
81968	Mid Block Crossing - Hwy 404 north of 16th Ave	30,000	1,000	-	9,000	-	10,000	-	10,000
81969	Elgin Mills Rd - Yonge St to Bathurst St	10,030	1,003	-	9,027	-	-	-	-
81971	Bathurst St - Elgin Mills Rd to 19th Ave	2,140	212	-	1,928	-	-	-	-
81972	Stouffville Rd - Bayview Ave to Hwy 404	8,300	831	-	7,469	-	-	-	-
81973	Hwy27 - Major Mackenzie Dr to Nashville Rd	9,000	900	-	8,100	-	-	-	-
81974	Mid Block Crossing - Hwy404 North of Elgin Mills Rd	31,650	1,056	-	9,492	-	10,551	-	10,551
81976	Mid Block Crossing - Hwy 400 at Block 32	1,280	128	-	1,152	-	-	-	-
81978	Warden Ave - McPherson St to Hwy 407	300	30	-	270	-	-	-	-
81979	McCowan Rd - Bullock Dr to 16th Ave	2,060	204	-	1,856	-	-	-	-
81983	Rutherford Rd - Pine Valley Dr to Weston Rd	538	54	-	484	-	-	-	-
81986	Wellington St - Leslie St to Hwy 404	180	18	-	162	-	-	-	-
82680	Mid Block Crossing - Hwy 404 North of Hwy 7	29,680	989	-	8,905	-	9,893	-	9,893
82690	Vaughan Metropolitan Centre - Hwy 400/Hwy 7 Interchange	6,650	665	-	5,985	-	-	-	-

2014 Capital Budget Roads - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
82730	Dufferin St - Major Mackenzie Dr to Teston Rd	110	11	-	99	-	-	-	-
82740	Bayview Ave - 16th Ave to Major Mackenzie Dr	8,352	835	-	7,517	-	-	-	-
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	11,630	1,163	-	10,467	-	-	-	-
83340	Bathurst St - Centre St to Hwy 407	118	11	-	107	-	-	-	-
83360	Leslie St - Hwy 7 to 16th Ave	170	17	-	153	-	-	-	-
83380	Markham Rd - Steeles Ave to Hwy 407 incl. Grade Separation	148	15	-	133	-	-	-	-
83480	Transportation Master Plan Update	2,150	215	-	1,935	-	-	-	-
83850	Hwy 50 and Albion-Vaughan Rd/Mayfield Rd	5,386	538	-	4,848	-	-	-	-
83870	Ninth Line and Elgin Mills Rd	2,625	112	150	2,363	-	-	-	-
83880	Ninth Line and Major Mackenzie Dr	2,700	270	-	2,430	-	-	-	-
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	5,376	537	-	4,839	-	-	-	-
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	16,398	1,638	-	14,760	-	-	-	-
83910	Road Asset Management	2,415	1,690	-	-	725	-	-	-
84044	Construction of Roads related Capital Works within Viva/Next corridors	9,600	960	-	8,640	-	-	-	-
84045	Lake to Lake Cycling Facilities	17,859	-	-	17,859	-	-	-	-
84120	Keele St - Hwy 7 to Langstaff Rd	2,554	256	-	2,298	-	-	-	-
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	15,140	1,514	-	13,626	-	-	-	-
84160	Mid Block Crossing - Hwy 404 North of Major Mackenzie Dr	300	10	-	90	-	100	-	100
84180	Leslie St - Wellington St to St. John's Sdrd	7,073	707	-	6,366	-	-	-	-
84190	Leslie St - St John's Sdrd to Mulock Dr	7,814	782	-	7,032	-	-	-	-
84200	Doane Rd - Hwy 404 to Yonge St	11,980	1,198	-	10,782	-	-	-	-
84860	Bathurst St and Davis Drive	4,770	476	-	4,294	-	-	-	-
84890	Kennedy Rd - 14th Ave to Hwy 407	1,110	110	-	1,000	-	-	-	-
84950	Drainage System Program	3,330	2,331	-	999	-	-	-	-
85560	Rutherford Rd - Keele St to Dufferin St	36,790	3,679	-	33,111	-	-	-	-
85570	Rutherford Rd - Jane St to Keele St	25,500	2,551	-	22,949	-	-	-	-
85580	Rutherford Rd - Dufferin St to Bathurst St	10,850	1,085	-	9,765	-	-	-	-
85590	Carville Rd - Bathurst St to Yonge St	9,080	908	-	8,172	-	-	-	-
85600	16th Ave - Yonge St to Bayview Ave	20,714	2,071	-	18,643	-	-	-	-

2014 Capital Budget Roads - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
85610	16th Ave - Leslie St to Hwy 404	8,002	800	-	7,202	-	-	-	-
85620	2nd Concession - Green Lane to Doane Rd	43,550	4,357	-	39,193	-	-	-	-
85630	Keele St - Langstaff Rd to Rutherford Rd	3,548	353	-	3,195	-	-	-	-
85650	Major Mackenzie Dr - CPR to Hwy 27	41,580	4,158	-	37,422	-	-	-	-
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	20,140	2,014	-	18,126	-	-	-	-
85670	Major Mackenzie Dr - Hwy 400 to Jane St	175	16	-	159	-	-	-	-
85680	Major Mackenzie Dr - Jane St to Keele St	450	44	-	406	-	-	-	-
85710	Yonge St - Davis Dr to Green Lane	2,400	240	-	2,160	-	-	-	-
85750	Leslie St and Hwy 7	100	10	-	90	-	-	-	-
85760	Leslie St and 16th Ave	200	20	-	180	-	-	-	-
85770	Major Mackenzie Dr and Leslie St	690	69	-	621	-	-	-	-
85780	Ninth Line and Stouffville Rd - Jog Elimination	2,770	67	130	1,773	-	-	-	800
85810	Arterial Corridor Transportation Studies	2,500	250	-	-	2,250	-	-	-
85830	Retrofit Noise Mitigation	500	50	-	-	450	-	-	-
86730	Highway 404 Interchange at Doane Road	4,839	484	-	4,355	-	-	-	-
86880	Pedestrian/Cycling Municipal Partnership Program	5,475	5,475	-	-	-	-	-	-
86900	Keele St and 17th Sdrd	400	40	-	360	-	-	-	-
86910	Dufferin St and King/Vaughan Rd	1,840	184	-	1,656	-	-	-	-
86920	Keele St and King/Vaughan Rd	530	52	-	478	-	-	-	-
86930	Jane St and King/Vaughan Rd	890	89	-	801	-	-	-	-
94200	Ninth Line - Hwy 407 to the Markham Bypass	30	2	-	28	-	-	-	-
96020	Bathurst St - Green Lane West to Yonge St	19,094	1,909	-	17,185	-	-	-	-
96770	Keele St - Steeles Ave to Hwy 7	26,095	2,611	-	23,484	-	-	-	-
97000	Bayview Ave - Hwy 407 to 16th Ave	7,586	759	-	6,827	-	-	-	-
97010	Bloomington Rd - Yonge St to Bayview Ave	2,503	250	-	2,253	-	-	-	-
97080	Bloomington Rd - Bayview Ave to Hwy 404	9,123	912	-	8,211	-	-	-	-
97100	St John's Sdrd - Bayview Ave to Woodbine Ave	7,384	4,430	-	2,954	-	-	-	-
97150	Leslie St - Bethesda Sdrd to Bloomington Rd	1,960	1,176	-	784	-	-	-	-
97230	Pavement Management Study - System Maintenance	2,000	1,400	-	-	600	-	-	-
98180	Hwy 7 - Town Centre Blvd to Sciberras Rd	19,136	1,763	-	15,873	-	-	-	1,500

2014 Capital Budget Roads - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
98320	Leslie St - Green Lane to Mount Albert Rd	6,192	619	-	5,573	-	-	-	-
98330	Gamble Sdrd - Yonge St to Bathurst St	12	1	-	11	-	-	-	-
98340	19th Ave - Yonge St to Bayview Ave	2,965	280	-	2,525	-	-	-	160
98650	Major Mackenzie Dr - Donald Cousens Parkway to 9th Line	1,060	106	-	954	-	-	-	-
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	6,345	636	-	5,709	-	-	-	-
98690	Bayview Ave - Stouffville Rd to Bloomington Rd	2,460	246	-	2,214	-	-	-	-
98960	Kennedy Rd - Hwy 407 to Hwy 7	625	61	-	564	-	-	-	-
99180	16th Ave - Bayview Ave to Leslie St	12,621	1,261	-	11,360	-	-	-	-
99210	Bayview Ave - Bloomington Rd to Wellington St	3,860	386	-	3,474	-	-	-	-
99220	Leslie St/Don Mills Rd - Steeles Ave to Hwy 407	85	-	-	85	-	-	-	-
99240	Kennedy Rd - 14th Ave to Denison St	3,120	312	-	2,808	-	-	-	-
99510	16th Ave - Hwy 404 to Woodbine Ave	7,519	752	-	6,767	-	-	-	-
99530	Bloomington Rd - Yonge St to Bathurst St	188	18	-	170	-	-	-	-
99540	Langstaff Rd - Dufferin St to Keele St	11,530	1,153	-	10,377	-	-	-	-
99550	McCowan Rd - Steeles Ave to 14th Ave	11,335	1,133	-	10,202	-	-	-	-
99780	McCowan Rd - 14th Ave to Bullock Dr	15,155	1,513	-	13,642	-	-	-	-
99870	Various Railway Crossing Improvements	5,000	2,000	-	3,000	-	-	-	-
99900	Fleet New Additions	4,300	4,300	-	-	-	-	-	-
99910	Fleet Replacement	27,953	3,475	24,478	-	-	-	-	-
Total Tax Supported		1,167,617	327,290	33,203	728,573	11,173	30,544	-	36,834

Capital Strategy

The Traffic Management & Intelligent Transportation Systems (TM&ITS) Branch capital program focuses on managing traffic congestion and improving safety using technology and traffic infrastructure improvements.

These activities are consistent with the priorities identified in the Region's *Transportation Master Plan* by addressing congestion, promoting public transit and optimizing use of the existing road network.

The capital program includes two main areas of focus:

- Transportation network initiatives providing civil, electrical and technology improvements
- YRT/Viva transit technology based projects geared towards maximizing efficiency and customer service improvements

TM&ITS capital delivery's projects are aligned with two corporate strategic plan priority areas:

- Continue to deliver and sustain critical infrastructure
 - Continue to prioritize new capital infrastructure projects to support managed growth and optimize community benefit
 - Identify and leverage capacity available in existing infrastructure to complete the build out of developing communities
- Focusing growth along Regional centres and corridors
 - Improving mobility for users on Regional transportation corridors

Key Initiatives

The Regional traffic control system will be upgraded as part of the implementation of the vivaNext Rapidways

The vivaNext rapidways will be introducing a new Traffic Control System which will improve the Traffic branch's data collection, communications and business intelligence capabilities. The new system is dependent upon upgrades to the Traffic Control boxes at signalized intersections. Based on the success of the new control system in the rapidways, full conversion to the new system will be phased in over several years beginning with the Viva 2017 expansion, the rest of the Viva routes and ultimately all urban areas within the Region.

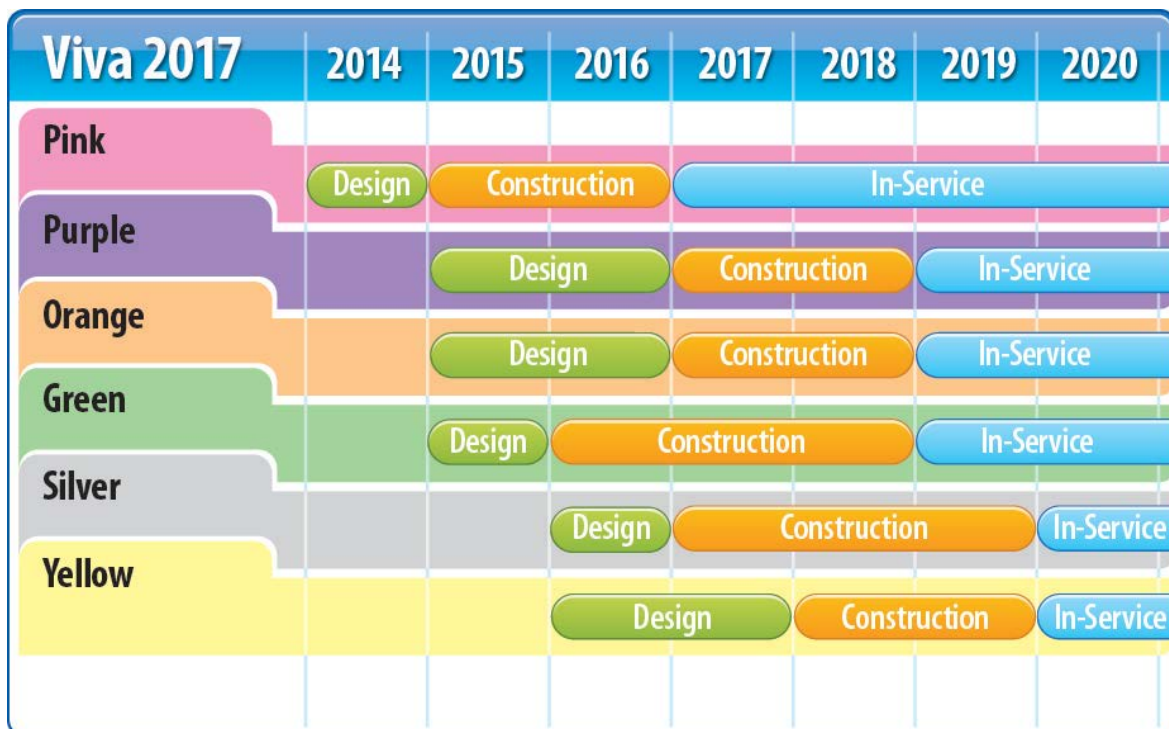
The 2017 Rapid Transit Network Plan will require elements in the Traffic Management and ITS capital budget

The 2017 Rapid Transit Network Plan identifies rapid transit service and infrastructure elements are planned for implementation from 2014 to 2017. The introduction of the plan will impact Traffic intersection and control devices as well as on-street and on-bus Transit equipment.

Additional capital investments include:

- Increase coverage of CCTV camera installations in urban centres to improve Traffic Control centre capabilities and responsiveness
- Continuing the PRESTO (smart card) next phase and upgrades (Transit)
- Replace/upgrade the Automated Fare Collection (AFC) system
- Implement new technologies to improve travel time data collection for Traffic Network management and traveler information systems
- Based on effectiveness, consider expansion of the Red Light Camera program
- Completion of the Zebra marking program within urban centres
- Improve Active Transportation Network by investing in cycling infrastructure

Below is a summary of the construction schedule for the 2017 Rapid Transit Network Plan:



New Projects Added to the 2014 Budget

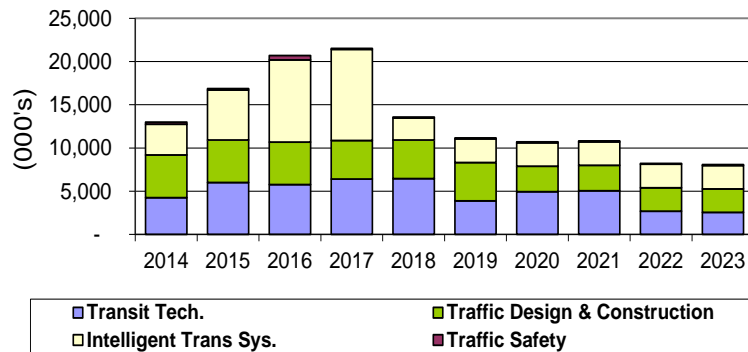
The following are new projects introduced as part of this budget cycle:

New Projects	Planned Start Date
2017 Rapid Transit Network – Traffic infrastructure	2014-2017
vivaNext Rapidways – Traffic infrastructure	2014-2018

Long Term Outlook

The Ten-Year Capital Plan expenditures total \$135 million. The increased spending in 2015 to 2018 relates to additional technology requirements to support the 2017 Rapid Transit Network Update.

Investment in TM & ITS Infrastructure



Pressures of Net Operating Impact of New Capital Projects

The operating budget includes maintenance costs for:

- An estimated 10 traffic additional signals (half from development assumptions and half from growth capital). Each signal requires approximately \$6,000 per year in additional maintenance costs
- 2017 Rapid Transit Network technology
- vivaNext rapidways technology

Traffic Management & Intelligent Transportation Systems Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	150	104	109	88	88	300
General Expenses	-	145	860	429	51	-
Financing Costs	-	-	-	-	-	-
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	150	249	969	517	139	300
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Net Operating Impact	150	249	969	517	139	300

2014 Capital Budget

Traffic Management & Intelligent Transportation Systems-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
39950: Intersection Improvements Program	22,604	2,474	2,474	-	2,474	18,948	46,500
39990: Traffic Control Signal & Electrical Improvements	9,594	695	750	(150)	600	8,375	19,264
39999: Viva Network 2017 TE & ITS	-	-	-	2,975	2,975	-	2,975
80105: Pavement Marking Program	68	1,000	2,500	(1,000)	1,500	7,500	10,068
80108: Sign Inventory Management Program	112	100	135	-	135	450	797
80220: LED Replacement (Phase 1)	707	1,250	-	-	-	1,750	3,707
83490: Smart Commute Initiative	1,543	230	200	-	200	1,800	3,773
83830: Ontarians with Disabilities Act (ODA) Compliance	777	250	250	-	250	1,750	3,027
83920: Traffic Safety Program Improvements	527	100	100	-	100	900	1,627
83980: Security Equipment	3,277	100	100	580	680	900	4,957
84940: Pedestrian Cycling Program	249	500	500	-	500	4,500	5,749
86107: Intelligent Transportation Systems (ITS) Software Systems	776	2,000	1,589	(55)	1,534	9,602	13,912
86114: TMS System Upgrade/Replacement	-	-	-	-	-	9,900	9,900
86115: Automated Fare Collection System Replacement	-	300	550	(350)	200	6,000	6,500
86116: Presto Next Phase / Upgrades	-	380	4,800	(3,600)	1,200	13,150	14,730
86119: Viva 2017 Network TMS	-	-	-	-	-	14,310	14,310
86180: Computer Aided Dispatch/Automatic Vehicle Location System	8,546	450	402	240	642	4,158	13,796
99890: Intelligent Transportation Systems (ITS)	3,759	1,500	2,000	(1,100)	900	10,945	17,104
99891: Traffic & ITS Infrastructure for Rapidways	-	-	-	5,749	5,749	-	5,749
Total Gross Expenditures	52,539	11,329	16,350	3,289	19,639	114,938	198,445

2014 Capital Budget

Traffic Management & Intelligent Transportation Systems-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Financing Sources							
Regional							
Current Tax Levy - Reserves	12,901	3,085	3,299	867	4,166	18,817	38,969
Development Charges	25,874	5,564	6,112	6,427	12,539	43,159	87,136
Other Recoveries	140	-	-	-	-	-	140
Reserves	9,509	300	550	(350)	200	15,900	25,909
Sub Total Regional	48,424	8,949	9,961	6,944	16,905	77,876	152,154
External							
Federal Funding	2,503	2,380	6,389	(3,655)	2,734	37,062	44,679
Provincial Funding	21	-	-	-	-	-	21
Other Recoveries	1,591	-	-	-	-	-	1,591
Sub Total External	4,115	2,380	6,389	(3,655)	2,734	37,062	46,291
Total Available Financing	52,539	11,329	16,350	3,289	19,639	114,938	198,445
Total Financing Sources	52,539	11,329	16,350	3,289	19,639	114,938	198,445

**2014 Capital Budget
Traffic Management & Intelligent Transportation Systems - Capital Spending Authority
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
39950 Intersection Improvements Program	22,604	2,474	2,474	-	-	-	-	-	2,474	-	27,552
39990 Traffic Control Signal & Electrical Improvements	9,594	695	600	-	-	-	-	-	600	-	10,889
39999 Viva Network 2017 TE & ITS	-	-	875	980	560	560	-	-	2,975	-	2,975
80105 Pavement Marking Program	68	1,000	1,500	-	-	-	-	-	1,500	-	2,568
80108 Sign Inventory Management Program	112	100	135	-	-	-	-	-	135	-	347
80220 LED Replacement (Phase 1)	707	1,250	-	-	-	-	-	-	-	-	1,957
83490 Smart Commute Initiative	1,543	230	200	-	-	-	-	-	200	-	1,973
83830 Ontarians with Disabilities Act (ODA) Compliance	777	250	250	-	-	-	-	-	250	-	1,277
83920 Traffic Safety Program Improvements	527	100	100	-	-	-	-	-	100	-	727
83980 Security Equipment	3,277	100	680	-	-	-	-	-	680	-	4,057
84940 Pedestrian Cycling Program	249	500	500	-	-	-	-	-	500	-	1,249
86107 Intelligent Transportation Systems (ITS) Software Systems	776	2,000	1,534	-	-	-	-	-	1,534	-	4,310
86115 Automated Fare Collection System Replacement	-	300	200	-	-	-	-	-	200	-	500
86116 Presto Next Phase / Upgrades	-	380	1,200	-	-	-	-	-	1,200	-	1,580
86180 Computer Aided Dispatch/Automatic Vehicle Location System	8,546	450	642	-	-	-	-	-	642	-	9,638
99890 Intelligent Transportation Systems (ITS)	3,759	1,500	900	-	-	-	-	-	900	-	6,159
99891 Traffic & ITS Infrastructure for Rapidways	-	-	1,200	1,584	2,465	500	-	-	5,749	-	5,749
Total Gross Expenditures	52,539	11,329	12,990	2,564	3,025	1,060	-	-	19,639	-	83,507

**2014 Capital Budget
Traffic Management & Intelligent Transportation Systems - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	12,901	3,085	3,502	256	302	106	-	-	4,166	-	20,152
Development Charges	25,874	5,564	6,554	2,308	2,723	954	-	-	12,539	-	43,977
Other Recoveries	140	-	-	-	-	-	-	-	-	-	140
Reserves	9,509	300	200	-	-	-	-	-	200	-	10,009
Sub Total Regional	48,424	8,949	10,256	2,564	3,025	1,060	-	-	16,905	-	74,278
External											
Federal Funding	2,503	2,380	2,734	-	-	-	-	-	2,734	-	7,617
Provincial Funding	21	-	-	-	-	-	-	-	-	-	21
Other Recoveries	1,591	-	-	-	-	-	-	-	-	-	1,591
Sub Total External	4,115	2,380	2,734	-	-	-	-	-	2,734	-	9,229
Total Available Financing	52,539	11,329	12,990	2,564	3,025	1,060	-	-	19,639	-	83,507
Debtenture											
Total Financing Sources	52,539	11,329	12,990	2,564	3,025	1,060	-	-	19,639	-	83,507

2014 Capital Budget Traffic Management & Intelligent Transportation Systems - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39950	Intersection Improvements Program	2,474	247	-	-	2,227	-	-	-
39990	Traffic Control Signal & Electrical Improvements	600	60	-	-	540	-	-	-
39999	Viva Network 2017 TE & ITS	2,975	298	-	-	2,677	-	-	-
80105	Pavement Marking Program	1,500	1,050	-	-	450	-	-	-
80108	Sign Inventory Management Program	135	135	-	-	-	-	-	-
83490	Smart Commute Initiative	200	20	-	-	180	-	-	-
83830	Ontarians with Disabilities Act (ODA) Compliance	250	250	-	-	-	-	-	-
83920	Traffic Safety Program Improvements	100	70	-	-	30	-	-	-
83980	Security Equipment	680	680	-	-	-	-	-	-
84940	Pedestrian Cycling Program	500	50	-	-	450	-	-	-
86107	Intelligent Transportation Systems (ITS) Software Systems	1,534	-	-	-	-	1,534	-	-
86115	Automated Fare Collection System Replacement	200	-	200	-	-	-	-	-
86116	Presto Next Phase / Upgrades	1,200	-	-	-	-	1,200	-	-
86180	Computer Aided Dispatch/Automatic Vehicle Location System	642	642	-	-	-	-	-	-
99890	Intelligent Transportation Systems (ITS)	900	90	-	-	810	-	-	-
99891	Traffic & ITS Infrastructure for Rapidways	5,749	574	-	-	5,175	-	-	-
Total Tax Supported		19,639	4,166	200	-	12,539	2,734	-	-

2014 Capital Budget Traffic Management & Intelligent Transportation Systems - 10 Year Capital Expenditures Gross Expenditures (In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
39950	22,604	2,474	2,474	2,474	2,474	2,000	2,000	10,000	21,422	-	46,500
39990	9,594	695	600	740	1,220	740	800	4,875	8,975	-	19,264
39999	-	-	875	980	560	560	-	-	2,975	-	2,975
80105	68	1,000	1,500	1,500	1,500	1,500	1,500	1,500	9,000	-	10,068
80108	112	100	135	50	400	-	-	-	585	-	797
80220	707	1,250	-	-	-	250	250	1,250	1,750	-	3,707
83490	1,543	230	200	200	200	200	200	1,000	2,000	-	3,773
83830	777	250	250	250	250	250	250	750	2,000	-	3,027
83920	527	100	100	100	100	100	100	500	1,000	-	1,627
83980	3,277	100	680	100	100	100	100	500	1,580	-	4,957
84940	249	500	500	500	500	500	500	2,500	5,000	-	5,749
86107	776	2,000	1,534	1,843	1,097	1,251	906	4,505	11,136	-	13,912
86114	-	-	-	-	-	900	1,400	7,600	9,900	-	9,900
86115	-	300	200	550	100	2,000	2,400	950	6,200	-	6,500
86116	-	380	1,200	3,050	4,000	1,700	1,200	3,200	14,350	-	14,730
86119	-	-	-	1,860	4,650	7,800	-	-	14,310	-	14,310
86180	8,546	450	642	454	456	458	460	2,330	4,800	-	13,796
99890	3,759	1,500	900	630	615	700	1,500	7,500	11,845	-	17,104
99891	-	-	1,200	1,584	2,465	500	-	-	5,749	-	5,749
Total Gross Expenditures	52,539	11,329	12,990	16,865	20,687	21,509	13,566	48,960	134,577	-	198,445

**2014 Capital Budget
Traffic Management & Intelligent Transportation Systems - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	12,901	3,085	3,502	2,684	3,129	2,623	2,605	8,440	22,983	-	38,969
Development Charges	25,874	5,564	6,554	6,878	7,711	5,235	5,055	24,265	55,698	-	87,136
Other Recoveries	140	-	-	-	-	-	-	-	-	-	140
Reserves	9,509	300	200	550	100	2,900	3,800	8,550	16,100	-	25,909
Sub Total Regional	48,424	8,949	10,256	10,112	10,940	10,758	11,460	41,255	94,781	-	152,154
External											
Federal Funding	2,503	2,380	2,734	6,753	9,747	10,751	2,106	7,705	39,796	-	44,679
Provincial Funding	21	-	-	-	-	-	-	-	-	-	21
Other Recoveries	1,591	-	-	-	-	-	-	-	-	-	1,591
Sub Total External	4,115	2,380	2,734	6,753	9,747	10,751	2,106	7,705	39,796	-	46,291
Total Available Financing	52,539	11,329	12,990	16,865	20,687	21,509	13,566	48,960	134,577	-	198,445
Debtenture											
Total Financing Sources	52,539	11,329	12,990	16,865	20,687	21,509	13,566	48,960	134,577	-	198,445

2014 Capital Budget Traffic Management & Intelligent Transportation Systems - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39950	Intersection Improvements Program	21,422	2,141	-	-	19,281	-	-	-
39990	Traffic Control Signal & Electrical Improvements	8,975	895	-	-	8,080	-	-	-
39999	Viva Network 2017 TE & ITS	2,975	298	-	-	2,677	-	-	-
80105	Pavement Marking Program	9,000	6,300	-	-	2,700	-	-	-
80108	Sign Inventory Management Program	585	585	-	-	-	-	-	-
80220	LED Replacement (Phase 1)	1,750	1,225	-	-	525	-	-	-
83490	Smart Commute Initiative	2,000	200	-	-	1,800	-	-	-
83830	Ontarians with Disabilities Act (ODA) Compliance	2,000	2,000	-	-	-	-	-	-
83920	Traffic Safety Program Improvements	1,000	700	-	-	300	-	-	-
83980	Security Equipment	1,580	1,580	-	-	-	-	-	-
84940	Pedestrian Cycling Program	5,000	500	-	-	4,500	-	-	-
86107	Intelligent Transportation Systems (ITS) Software Systems	11,136	-	-	-	-	11,136	-	-
86114	TMS System Upgrade/Replacement	9,900	-	9,900	-	-	-	-	-
86115	Automated Fare Collection System Replacement	6,200	-	6,200	-	-	-	-	-
86116	Presto Next Phase / Upgrades	14,350	-	-	-	-	14,350	-	-
86119	Viva 2017 Network TMS	14,310	-	-	-	-	14,310	-	-
86180	Computer Aided Dispatch/Automatic Vehicle Location System	4,800	4,800	-	-	-	-	-	-
99890	Intelligent Transportation Systems (ITS)	11,845	1,185	-	-	10,660	-	-	-
99891	Traffic & ITS Infrastructure for Rapidways	5,749	574	-	-	5,175	-	-	-
Total Tax Supported		134,577	22,983	16,100	-	55,698	39,796	-	-

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Capital Strategy

The 2014 Capital Strategy builds upon York Region's *Vision 2051* Guiding Principles, with a mandate to plan and deliver a financially sustainable infrastructure program that promotes economic vitality, healthy communities and a sustainable natural environment.

The 2014 Water Capital Plan follows the 2014 Corporate Prioritization Guidelines and prioritizes projects to ensure that funding is being managed in a sustainable manner to achieve the 2011 to 2015 Strategic Objectives including:

- support managed growth and optimize community benefit
- leverage capacity available in existing infrastructure
- promote intensification and maximize economic development potential in Regional Centres and Corridors
- increase employment opportunities by extending servicing for new employment lands

Continued implementation of existing sustainability programs including infrastructure management, water conservation and reduction of system leakages play a key role in development of the 2014 Water Capital Plan.

A Ten-Year Water Capital Plan has been developed for the period from 2014 through 2023 with nearly \$891 million in capital expenditures forecast for this time period.

Ten-Year Plan Overview (2014 – 2023)

Investing nearly \$900 million in water infrastructure over the next ten years

The Ten-Year Capital Plan is focused on continued expansion of the York Water System and implementing Toronto and Peel cost shared works. Key initiatives supporting the capital strategy include infrastructure asset management and water conservation.

Highlights of the Ten-Year Water Capital Plan include:

- Completion of the Master Plan Update in 2015 to update the servicing strategy in response to the new provincial growth targets for York Region and in advance of the next Development Charge Bylaw Update
- Over \$332 million (or 37% of capital plan) directed to expand the York Water System which services over 90% of York Region residents
- \$237 million (or 27% of capital plan) to increase water supply capacity from Lake Ontario through implementation of cost shared projects with Peel and Toronto
- \$216 million (or 25% of capital plan) to fund rehabilitation/replacement of aging infrastructure
- Over \$31 million (or 3% of capital plan) directed to develop and enhance water conservation measures to maximize system capacity
- Major growth-related infrastructure to be delivered in the ten years includes 42 kilometres of new trunk watermains, 8 new storage facilities, 1 new pumping station, 4 pumping station upgrade projects and 1 new groundwater well

Key Initiatives

The following key initiatives are essential to carry out the Water Capital Strategy:

Updating existing water servicing strategy through the 2015 Master Plan Update

In 2013, York Region commenced a Water and Wastewater Master Plan Update which will provide a blueprint for new water and wastewater infrastructure to accommodate growth to 2051 and beyond. Embracing the principles of innovation, investment and infrostretching, the Plan will leverage existing sustainability programs such as water conservation, inflow and infiltration reduction, energy management, asset management and system optimization to develop a cost effective strategy. The Plan is expected to be completed in late 2015 at a cost of approximately \$2 million.

Investing \$346 million to increase water transmission system capacity

A total of \$346 million (or 39% of the capital plan) will be allocated to address regional system upgrades to support growth including:

- Expansion of York Water transmission system (\$151 million) in tandem with staged increase in lake-based water supply from Peel and Toronto and wastewater works
- Expansion of pumping capacity in Pressure Districts 7 and 8 (\$48 million), Aurora West (\$1.9 million) and Aurora East (\$5 million) Increased water storage capacities in Aurora, Newmarket, Queensville, Vaughan and Stouffville (\$172.9 million)
- Expansion of Sutton water system (\$11 million) and commissioning of a new well in Nobleton (\$2.9 million)

Delivering over \$237 million in cost-shared capital works in partnership with Toronto and Peel

Service agreements with both the City of Toronto and the Region of Peel will continue to be the basis for the Lake Ontario based water servicing strategy to meet York Region's long term supply needs with staged capacity increases as stipulated in Agreements.

Expenditures for these two cost-shared programs over this period total over \$237 million or 27% of the capital plan.

Expenditures totalling \$95 million over the ten years are dedicated to Toronto cost-shared capital works to deliver:

- Transmission expansions: Gerrard watermain, Horgan water treatment plant to Ellesmere watermain, Scarborough pumping station to St. Clair watermain
- Discrete facilities: Ellesmere pumping station upgrades

Expenditures on Peel cost-shared capital works total almost \$142 million to deliver the following key projects:

- Transmission expansion: Hanlan feedermain
- Discrete facilities: Lakeview treatment plant expansion, Airport Road reservoir expansion and Hanlan pumping station phase 3 expansion

Managing existing assets to ensure reliability and continuity of water services

One of the key strategic goals of the Environmental Services Department involves proactively managing and maintaining infrastructure to ensure short and long term reliability

of water systems to comply with all regulatory requirements. Accordingly, an Asset Management Program has been developed to manage the lifecycle of a multi-billion dollar asset base through systematic evaluation of asset conditions and identification of priority rehabilitation and replacement projects.

Over \$216 million (or 25% of the capital plan) is planned to be invested during this period to ensure the long term sustainability of existing assets, positioning the Region as a leader in infrastructure management. Projects identified are required to maintain the reliability of existing water infrastructure ensuring the provision of uninterrupted and cost efficient water service to York Region residents. Major projects over this period include:

- Water Asset Management Program aimed to develop strategies and plans including condition assessment, performance evaluation and monitoring, risk assessment, deterioration modeling and trending as well as optimized decision making processes leading to a quantitative method for identifying and prioritizing critical infrastructure renewal projects (\$66 million)
- Replacement of ductile iron water mains in Vaughan (Bathurst Street and Islington Avenue) and in Markham (Bullock Drive) (\$39 million)
- Upgrades to groundwater well facilities including Yonge Street Aquifer replacement wells and Kleinburg wells (\$38 million)
- Storage facility upgrades including coating of water towers (\$26 million)
- Pumping station upgrades including provision of standby power at Bayview and rehabilitation work at Maple and Ridge Road (\$20 million)
- Water treatment plant upgrades including rehabilitation works at Keswick Water Treatment Plant (\$8 million)

Implementing Water Conservation and Efficiency Strategy to reduce per capita consumption

Building on the success of the Water for Tomorrow program, the Region completed a *Long Term Water Conservation Strategy* in 2011 to provide guidance on water conservation and efficiency and a framework to reduce water demand over the next 40 years. The Strategy will be updated every five years, with the first update in 2016. Recommendations from the update will determine future program deliverables under the key program components.

The Ten-Year Capital Plan includes expenditures of over \$31 million primarily to implement the following water conservation and efficiency initiatives:

- Reduction of leakage and non-revenue water in coordination with local municipalities
- Behaviour change through:
 - Implementation of outdoor water use reduction program
 - Development of Water Smart Irrigation professional training and water audit rebate program in partnership with Landscape Ontario and Region of Peel
 - Development of integrated water management program in partnership with Ontario Association of Landscape Architects
 - Creation of a market transformation towards integrated water management by leveraging and increasing partnerships with garden centres and horticultural organizations
 - Development of a website for residents
 - Development of outreach plan for the Low Impact Development business case

- Different market and project research, including:
 - Research projects through Ontario Water Works Association and other industry organizations
 - Pilot and demonstration projects including York Region's contribution to Showcasing Water Innovation projects and ongoing monitoring
 - Implementation and marketing of high profile pilot and demonstration projects with key partners
- Education programs including York Children's Water Festival, attendance at community events, promotional material, and website
- Programs to promote water sustainability in new developments at levels beyond those stipulated by the January 2014 Building Code Update including evaluation and update of current Sustainable Housing Incentive and Leadership in Energy and Environmental Design programs
- Program management related-activities including:
 - Evaluation and monitoring of overall program
 - Administration of call centre and website
 - Update Long Term Water Conservation Strategy and associated public consultation

New Projects Added during the 2014 Budget Process

There is a new growth-related project in the capital plan:

- **Aurora East Pumping Station Upgrade (\$5 million):** This project involves expansion of the existing pumping station to service growth in Aurora East, Newmarket East, Queensville East and Holland Landing pressure districts. The project is expected to commence in 2016 for completion in 2020.

There is a new non-growth related project program added to the capital plan:

- **Minor Capital – Water (\$2.5 million):** This program will support short and long term asset management planning by providing a mechanism to address water infrastructure renewal needs that are too large or complex to qualify as a maintenance item or too small to qualify as a capital project

Long Term Outlook

The 2014 through 2023 capital plan totalling \$0.9 billion is comprised mainly of Peel and Toronto cost-shared works and Regional system expansion projects that are planned for construction during this time period.

Expenditures for rehabilitation and replacement of water infrastructure total \$216 million. As infrastructure ages and reaches the end of its service life, capital spending will shift towards supporting infrastructure renewal projects in the future. More than half of the existing water infrastructure (in dollar value) has reached the midway point of the expected useful life, which demonstrates the significance of future expenditures needed for infrastructure upgrades.

Net Operating Impact of New Capital Projects

Additional staffing and funding resources will be required to operate and maintain the new facilities and kilometres of watermain that will be coming online during the ten years of the capital plan. Major infrastructure to be constructed during this period is summarized below:

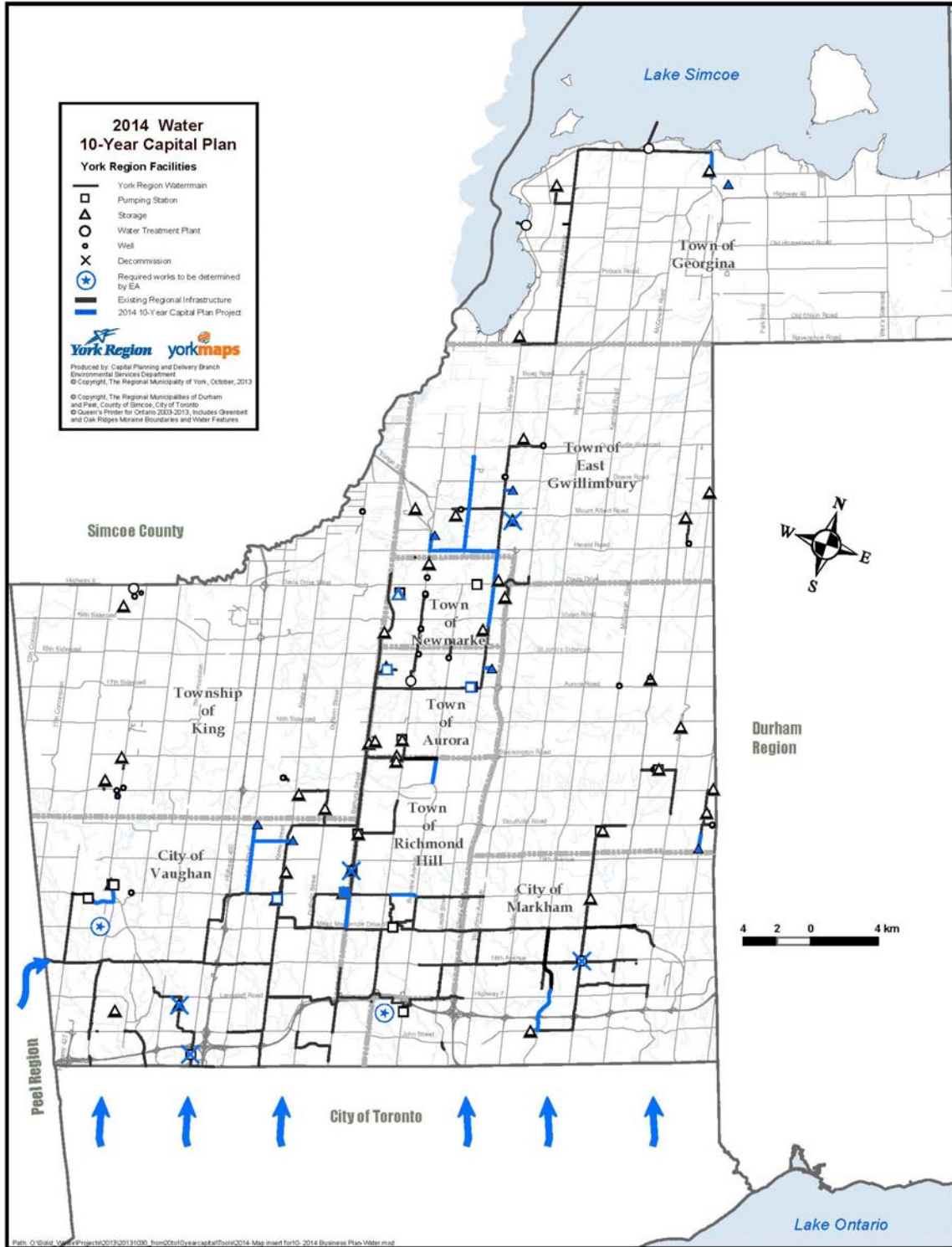
Period	No. of new storage facilities	No. of new pumping stations	New wells	New watermains (km)
2014 - 2018	2	1	1	23
2019 - 2023	6	0	0	19
Total	8	1	1	42

Water

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	214	286	201	561	229	24
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	25	6	6	6	6	1
Financing Costs	27,598	6,719	11,443	11,867	2,440	63,229
Occupancy Costs	154	69	71	73	77	8
Contribution to Reserves	14,711	2,038	83	(6,708)	5,088	2,364
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	42,702	9,118	11,803	5,798	7,840	65,625
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	(8,378)	(3,862)	(2,109)	(927)	6,325	13,984
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	(8,378)	(3,862)	(2,109)	(927)	6,325	13,984
Net Operating Impact	51,080	12,979	13,912	6,725	1,515	51,641

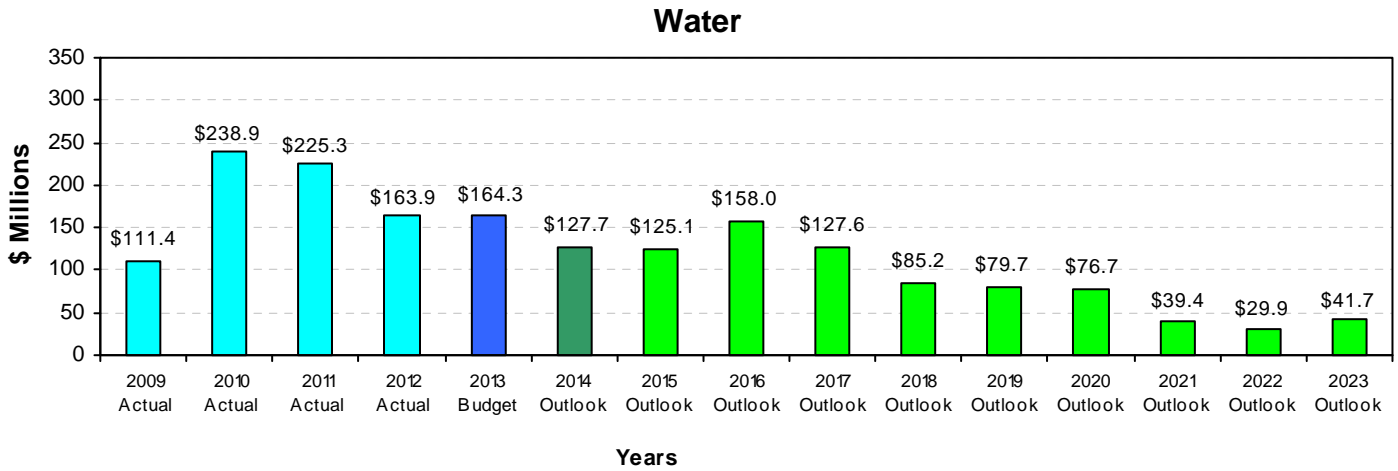
Appendix



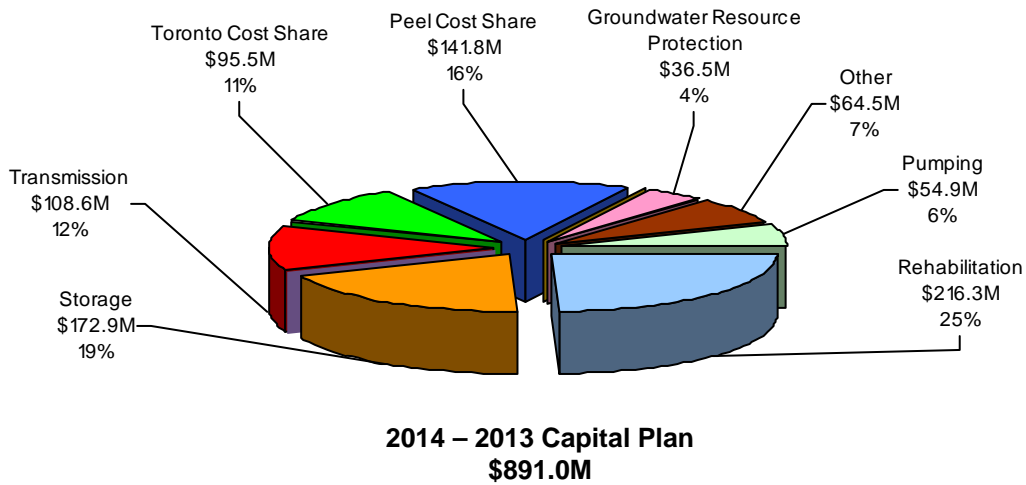
Capital Summary

\$000's	2013 Budget	2014 Budget	2014-2023 10 Year Outlook
GROSS EXPENDITURES			
Tangible Capital Assets			
Replacement/Rehabilitation			
Elevated Tanks	2,427	2,447	16,277
Other Non-Capital Projects	4,785	6,083	34,610
Reservoirs	410	100	9,600
Water Metre Chambers	0	155	1,070
Water Pumping Stations	4,701	1,704	20,414
Water Treatment Plants	2,284	4,233	46,263
Watermains	1,557	466	39,116
Total Replacement/Rehabilitation	16,164	15,188	167,350
Growth / Expansion			
Elevated Tanks	9,519	4,553	48,143
Other Capital Projects	100	1,295	5,209
Reservoirs	7,388	5,682	124,752
Water Metre Chambers	140	673	1,853
Third Party Capital	71,290	17,237	235,727
Water Pumping Stations	7,568	21,781	54,861
Water Treatment Plants	563	0	0
Watermains	36,905	38,850	106,770
Wells	2,691	2,607	2,907
Total Growth / Expansion	136,164	92,678	580,222
Improvements / Enhancement			
Watermains	485	0	0
Total Improvements / Enhancement	485	0	0
Total Tangible Capital Assets	152,813	107,866	747,572
Non - Tangible Capital Assets			
Replacement/Rehabilitation			
Other Non-Capital Projects	2,510	10,390	65,862
Water Treatment Plants	241	0	0
Total Replacement/Rehabilitation	2,751	10,390	65,862
Growth / Expansion			
Elevated Tanks	50	195	225
Ground Resource Protection	4,415	3,940	36,475
Other Non-Capital Projects	3,312	4,087	31,372
Planning/ Studies	270	666	4,576
Water Pumping Stations	89	42	3,212
Total Growth / Expansion	8,136	8,930	75,860
Improvements / Enhancement			
Other Non-Capital Projects	588	57	197
Watermains	0	506	1,486
Total Improvements / Enhancement	588	563	1,683
Total Non - Tangible Capital Assets	11,475	19,883	143,405
Total Replacement/Rehabilitation	18,915	25,578	233,212
Total Growth / Expansion	144,300	101,608	656,082
Total Improvements / Enhancements	1,073	563	1,683
TOTAL GROSS EXPENDITURES	164,288	127,749	890,977
FINANCING			
Contribution from Operating	(7,500)	(18,473)	(149,915)
Development Charges	(409)	(5,045)	(40,210)
Debentures	(156,379)	(104,231)	(700,852)
TOTAL FINANCING	(164,288)	(127,749)	(890,977)

Capital Program Cost History

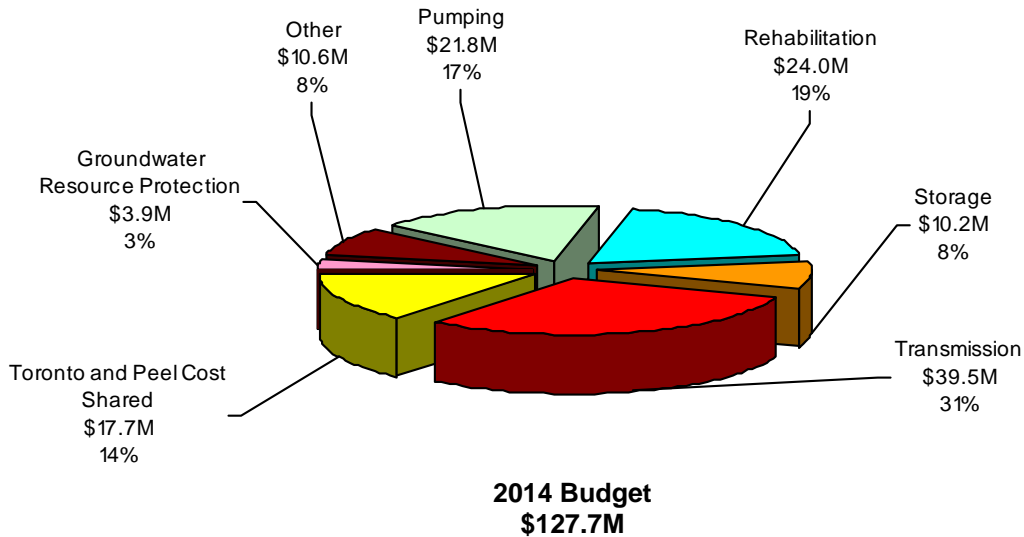


Ten-Year (2014 – 2023) – Forecast Expenditures by Project Type



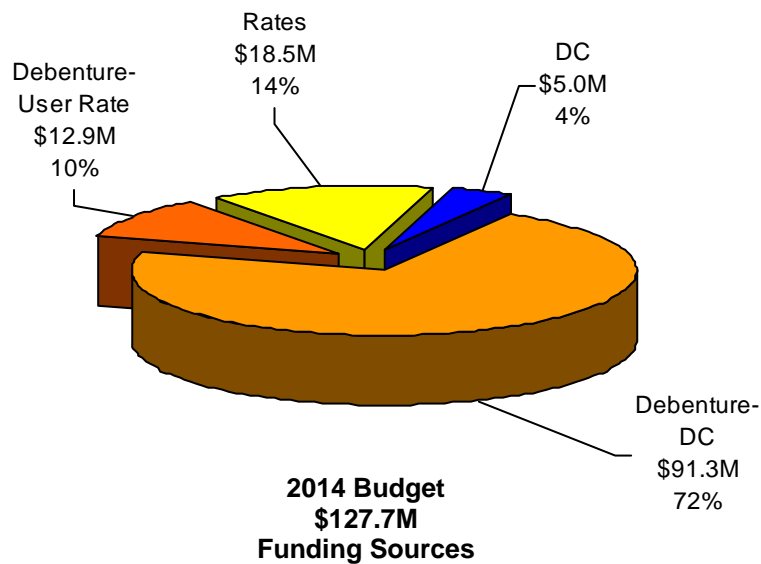
The Ten-Year Water Capital Plan totals \$0.9 billion, of which \$237 million or 27% is for Peel and Toronto cost shared projects and \$216 million or 25% is required to rehabilitate or replace aging water infrastructure.

2014 Budget – Forecast Expenditures by Project Type



Water expenditures in 2014 total \$128 million of which \$18 million or 14% is for Peel and Toronto cost shared projects. New growth infrastructure works within York Region accounts for \$74 million or 57% of 2014 expenditures. Rehabilitation and replacement of aging water infrastructure accounts for \$24 million or 19% of the 2014 expenditures.

2014 Budget - Sources of Funding



The 2014 Water capital expenditures of \$127.7 million (or 14% of the capital plan) will be primarily funded from debentures (\$104.2 million or 82%) and rates (\$19 million or 14%).

2014 Capital Budget

Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Growth							
Gross Expenditures							
70050: Leslie St. Watermain (WM)	12,490	36	2,037	(687)	1,350	-	13,876
70100: Wellington WM (Berczy to Orchard Heights P.S.)	11,203	-	-	-	-	-	11,203
70120: Orchard Heights PS Upgrade	1,401	1,906	1,200	729	1,929	-	5,236
71180: Queensville Elevated Tank No. 1	3,612	5,778	1,685	(1,090)	595	-	9,985
71250: Queensville Tank No. 2	-	-	-	-	-	8,260	8,260
71260: Decommission Sharon Elevated Tank	261	62	250	(25)	225	-	548
72150: Water Conservation Authority (C A) Joint Initiatives	14,697	3,415	3,534	406	3,940	32,535	54,587
72170: Georgina Water Supply (GWS) - Keswick North Elevated Tank (ET) and Connecting Watermain to Woodbine Ave	9,048	188	-	-	-	-	9,236
72180: Georgina Water Supply (GWS) - Woodbine and Ravenshoe Watermain (WM) (Church St - Keswick Tank)	25,112	10	-	-	-	-	25,122
72200: Georgina Water Supply (GWS) - Sutton Water Servicing	568	233	1,283	5,187	6,470	4,610	11,881
72390: Water for Tomorrow Program	13,658	1,273	4,087	-	4,087	26,975	45,993
72440: Aurora/Newmarket Water Supply System Study	3	111	21	(1)	20	-	134
72450: Aurora Elevated Tank (related to project 70050)	392	2,700	6,570	373	6,943	-	10,035
72490: East Gwillimbury Water Meter Chambers	22	144	3,225	(1,372)	1,853	-	2,019
72500: ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	10,695	1,213	-	-	-	-	11,908

2014 Capital Budget

Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
72520: PD6 Nashville Road Watermain - Huntington to the Kleinburg Elevated Tank	1,833	4,528	8,968	4,290	13,258	-	19,619
73140: Nobleton Elevated tank and watermain to Town	5,018	171	-	12	12	-	5,201
73160: Nobleton - Additional Water Supply and Watermain (WM) to Town	4,785	3,252	880	2,017	2,897	-	10,934
73170: King City - Additional Water Supply watermain	18,854	103	-	30	30	-	18,987
73210: King City Elevated Tank and Watermain (WM) from Elevated Tank (ET) to town	5,260	4	-	3	3	-	5,267
73300: Water Master Plan Update	798	80	900	965	1,865	2,050	4,793
73580: Toronto Water Supply - Cost Share	175,493	21,094	73,090	4,897	77,987	184,720	459,294
73790: Peel Water Supply - Cost - Shared Work	429,332	55,000	165,473	(30,573)	134,900	11,780	631,012
73890: Source Water Protection	4,337	-	1,500	(1,500)	-	-	4,337
74210: PD6 Markham Bypass	13,387	-	-	-	-	-	13,387
74220: Decommission Markham Pumping Station (PS)	97	107	244	(172)	72	1,700	1,976
74260: Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	29,468	12,876	9,830	21,553	31,383	-	73,727
75390: West Vaughan Water Servicing	29	25	4,812	434	5,246	44,750	50,050
75400: PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	1,305	1,266	40,274	5,658	45,932	-	48,503
75410: Decommission North Richmond Hill (RH) Pumping Station (PS)	-	-	-	-	-	1,140	1,140
75420: PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	798	116	10	10	20	-	934
75430: Bathurst Watermain (WM)	35	-	-	-	-	-	35

2014 Capital Budget Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
75440: Yonge to Woodspring Watermain (WM)	1	-	-	-	-	-	1
75450: Glenway Reservoir Expansion	550	3,276	1,022	462	1,484	-	5,310
75460: Yonge Street Watermain from Gladman to Green Lane	35	25	1,754	(1,754)	-	-	60
75480: Newmarket West Yonge Elevated Tank, (ET) and Yonge Watermain (WM)	207	-	-	-	-	12,950	13,157
75490: Bathurst/Green Lane/ Yonge Watermain	3	-	-	-	-	-	3
75510: Second Concession Watermain	119	85	5,876	4,381	10,257	-	10,461
75520: Stouffville Zone 2 Elevated Tank (ET) and Watermain	-	-	-	1,550	1,550	6,750	8,300
75530: East Vaughan Water Servicing	-	10	1,980	(211)	1,769	59,650	61,429
75590: Wellington Reservoir and Watermain	4	-	-	-	-	11,250	11,254
75600: Green Lane/ Leslie Street Newmarket Central (N C) Watermain	-	-	-	-	-	18,540	18,540
75620: Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	444	2,388	1,631	(431)	1,200	-	4,032
75680: PD7 Water System Upgrades	-	-	-	-	-	40,320	40,320
75690: South Maple PS Upgrade	-	-	-	-	-	750	750
75700: Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	39	47	355	(320)	35	17,330	17,451
75710: York Peel Feedermain Upgrade	-	-	4,560	(4,560)	-	14,960	14,960
75790: 380 Bayview O M M Expansion	-	-	800	1,650	2,450	-	2,450
75800: Water & Wastewater Vehicle Purchases	-	-	-	495	495	2,264	2,759
75850: Aurora East BPS Upgrade	-	-	-	-	-	5,030	5,030

2014 Capital Budget

Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
75860: South Maple Reservoir Upgrade	-	-	-	571	571	6,000	6,571
76120: PD7 Elgin Mills (Enford to Bayview)	916	12,681	5,863	(2,466)	3,397	-	16,994
76300: N. Richmond Hill Elevated Tank (E.T) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (WM)	12,591	849	807	4,025	4,832	-	18,272
77420: Decommission East Woodbridge Pumping Station (PS)	-	-	-	-	-	300	300
77480: Kleinburg - Additional Water Supply watermain	21,619	110	-	-	-	-	21,729
78180: Ballantrae - New Production Well and W/M to Town	4,715	247	-	10	10	-	4,972
79670: Water System Capacity Assessment	10,162	83	82	(51)	31	610	10,886
Total Gross Expenditures	845,396	135,452	354,603	14,495	369,098	515,224	1,865,210
Financing Sources							
Regional							
Development Charges	100,793	1,926	1,497	4,878	6,375	33,525	142,619
Other Recoveries	82	-	-	-	-	-	82
Reserves	6,188	-	-	-	-	-	6,188
User Rates	19,115	-	800	6,085	6,885	34,799	60,799
Sub Total Regional	126,178	1,926	2,297	10,963	13,260	68,324	209,688
External							
Federal Funding	2,401	-	-	-	-	-	2,401
Provincial Funding	4,026	-	-	-	-	-	4,026
Other Recoveries	1,763	1,400	-	-	-	-	3,163
Sub Total External	8,190	1,400	-	-	-	-	9,590
Total Available Financing	134,368	3,326	2,297	10,963	13,260	68,324	219,278
Total Debenture Requirements	711,028	132,166	352,306	3,532	355,838	446,900	1,645,932

2014 Capital Budget

Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Financing Sources	845,396	135,492	354,603	14,495	369,098	515,224	1,865,210
Debtenture Proceeds	711,028	-	-	-	-	-	711,028
Debtenture Proceeds DC	-	128,751	347,272	8,566	355,838	446,900	931,489
Debtenture Proceeds User Rate	-	3,415	5,034	(5,034)	-	-	3,415
Total Debtenture Requirements	711,028	132,166	352,306	3,532	355,838	446,900	1,645,932

Rehabilitation & Replacement

Gross Expenditures

73610: Transmission Operations Optimizer	2,225	245	110	406	516	970	3,956
73920: Capital Delivery Process Improvements - Water	1,500	195	-	-	-	-	1,695
75540: Water Model Calibration	33	36	117	(20)	97	100	266
75670: East Woodbridge E T Decommissioning	-	-	-	-	-	310	310
78500: Water General	1,913	1,585	7,384	(2,384)	5,000	3,000	11,498
78510: Surface Water Treatment	273	226	2,150	1,623	3,773	4,700	8,972
78511: Ground Water Treatment	1,764	1,431	5,252	1,988	7,240	30,550	40,985
78512: Pumping Water	1,941	7,444	5,550	(1,566)	3,984	16,430	29,799
78513: Storage at Grade	-	-	-	-	-	2,900	2,900
78514: Storage Elevated Tank	932	3,113	5,890	(2,063)	3,827	12,450	20,322
78516: Storage Reservoir	344	1,455	300	2,200	2,500	7,100	11,399
78517: Meter Chamber Water	52	-	-	310	310	760	1,122
78518: Control Valve Chamber - Water	-	-	-	-	-	140	140
78519: Transmission Main	19,599	150	24,960	(13,044)	11,916	27,200	58,865
78540: Supervisory Control and Data Acquisition (SCADA) Communication Network Water	48	298	3,509	(163)	3,346	3,290	6,982

2014 Capital Budget Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
78563: Technology Integration Water	287	404	400	(67)	333	3,471	4,495
78564: Technology Development & Implementation Water	731	1,198	1,200	24	1,224	11,906	15,059
78581: Water Asset Management	512	1,272	2,490	7,900	10,390	55,472	67,646
Total Gross Expenditures	32,154	19,052	59,312	(4,856)	54,456	180,749	286,411
Financing Sources							
Regional							
Development Charges	134	-	-	-	-	310	444
Reserves	11,898	-	-	-	-	-	11,898
User Rates	20,118	6,483	10,207	10,809	21,016	87,215	134,832
Sub Total Regional	32,150	6,483	10,207	10,809	21,016	87,525	147,174
External							
Federal Funding	10	-	-	-	-	-	10
Sub Total External	10	-	-	-	-	-	10
Total Available Financing	32,160	6,483	10,207	10,809	21,016	87,525	147,184
Total Debenture Requirements	(6)	12,569	49,105	(15,665)	33,440	93,224	139,227
Total Financing Sources	32,154	19,052	59,312	(4,856)	54,456	180,749	286,411
Debenture Proceeds	(6)	-	-	-	-	-	(6)
Debenture Proceeds User Rate	-	12,569	49,105	(15,665)	33,440	93,224	139,233
Total Debenture Requirements	(6)	12,569	49,105	(15,665)	33,440	93,224	139,227

2014 Capital Budget

Water-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Water							
Growth	845,396	135,492	354,603	14,495	369,098	515,224	1,865,210
Rehabilitation & Replacement	32,154	19,052	59,312	(4,856)	54,456	180,749	286,411
Total Gross Expenditures	877,550	154,544	413,915	9,639	423,554	695,973	2,151,621
Regional							
Development Charges	100,927	1,926	1,497	4,878	6,375	33,835	143,063
Other Recoveries	82	0	0	0	0	0	82
Reserves	18,086	0	0	0	0	0	18,086
User Rates	39,233	6,483	11,007	16,894	27,901	122,014	195,631
Sub Total Regional	158,328	8,409	12,504	21,772	34,276	155,849	356,862
External							
Federal Funding	2,411	-	-	-	-	-	2,411
Provincial Funding	4,026	-	-	-	-	-	4,026
Other Recoveries	1,763	1,400	-	-	-	-	3,163
Sub Total External	8,200	1,400	-	-	-	-	9,600
Total Available Financing	166,528	9,809	12,504	21,772	34,276	155,849	366,462
Total Debenture Requirements	711,022	144,735	401,411	(12,133)	389,278	540,124	1,785,159
Total Financing Sources	877,550	154,544	413,915	9,639	423,554	695,973	2,151,621
Debenture Proceeds	711,022	-	-	-	-	-	711,022
Debenture Proceeds DC	-	128,751	347,272	8,566	355,838	446,900	931,489
Debenture Proceeds User Rate	-	15,984	54,139	(20,699)	33,440	93,224	142,648
Total Debenture Requirements	711,022	144,735	401,411	(12,133)	389,278	540,124	1,785,159

2014 Capital Budget Water - Projects by Program Group

Capital Spending Authority
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost.
Program Group: Growth											
Gross Expenditures											
70050	Leslie St. Watermain (WM)	12,490	36	50	1,250	50	-	-	1,350	-	13,876
70100	Wellington W/M (Berczy to Orchard Heights P.S.)	11,203	-	-	-	-	-	-	-	-	11,203
70120	Orchard Heights PS Upgrade	1,401	1,906	1,439	450	40	-	-	1,929	-	5,236
71180	Queensville Elevated Tank No. 1	3,612	5,778	595	-	-	-	-	595	-	9,985
71260	Decommission Sharon Elevated Tank	261	62	195	30	-	-	-	225	-	548
72150	Water Conservation Authority (C A) Joint Initiatives	14,697	3,415	3,940	-	-	-	-	3,940	-	22,052
72170	Georgina Water Supply (GWS) - Keswick North Elevated Tank (ET) and Connecting Watermain to Woodbine Ave	9,048	188	-	-	-	-	-	-	-	9,236
72180	Georgina Water Supply (GWS) - Woodbine and Ravenhoe Watermain (WM) (Church St - Keswick Tank)	25,112	10	-	-	-	-	-	-	-	25,122
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	568	233	10	6,460	-	-	-	6,470	-	7,271
72390	Water for Tomorrow Program	13,658	1,273	4,087	-	-	-	-	4,087	-	19,018
72440	Aurora/Newmarket Water Supply System Study	3	111	20	-	-	-	-	20	-	134
72450	Aurora Elevated Tank (related to project 70050)	392	2,700	3,883	1,540	1,520	-	-	6,943	-	10,035
72490	East Gwillimbury Water Meter Chambers	22	144	673	1,180	-	-	-	1,853	-	2,019
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	10,695	1,213	-	-	-	-	-	-	-	11,908
72520	PD6 Nashville Road Watermain - Huntington to the Kleinburg Elevated Tank	1,833	4,528	8,718	4,540	-	-	-	13,258	-	19,619
73140	Nobleton Elevated tank and watermain to Town	5,018	171	2	10	-	-	-	12	-	5,201

2014 Capital Budget Water - Projects by Program Group

Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
73160	4,785	3,252	2,597	300	-	-	-	-	2,897	-	10,934
73170	18,854	103	30	-	-	-	-	-	30	-	18,987
73210	5,260	4	3	-	-	-	-	-	3	-	5,267
73300	798	80	615	1,020	230	-	-	-	1,865	-	2,743
73580	175,493	21,094	17,037	15,780	18,450	13,470	9,670	3,580	77,987	-	274,574
73790	429,332	55,000	200	3,700	53,800	54,000	18,610	4,590	134,900	-	619,232
73890	4,337	-	-	-	-	-	-	-	-	-	4,337
74210	13,387	-	-	-	-	-	-	-	-	-	13,387
74220	97	107	42	30	-	-	-	-	72	-	276
74260	29,468	12,876	21,283	10,100	-	-	-	-	31,383	-	73,727
75390	29	25	306	2,670	1,060	1,210	-	-	5,246	-	5,300
75400	1,305	1,266	19,252	15,440	11,240	-	-	-	45,932	-	48,503
75420	798	116	10	10	-	-	-	-	20	-	934
75430	35	-	-	-	-	-	-	-	-	-	35
75440	1	-	-	-	-	-	-	-	-	-	1
75450	550	3,276	1,324	160	-	-	-	-	1,484	-	5,310
75460	35	25	-	-	-	-	-	-	-	-	60
75480	207	-	-	-	-	-	-	-	-	-	207
75490	3	-	-	-	-	-	-	-	-	-	3
75510	119	85	5,837	3,860	560	-	-	-	10,257	-	10,461

2014 Capital Budget Water - Projects by Program Group

Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
75520	-	-	60	170	360	500	290	170	1,550	-	1,550
75530	-	10	519	890	360	-	-	-	1,769	-	1,779
75590	4	-	-	-	-	-	-	-	-	-	4
75620	444	2,388	1,080	120	-	-	-	-	1,200	-	4,032
75700	39	47	35	-	-	-	-	-	35	-	121
75790	-	-	800	1,650	-	-	-	-	2,450	-	2,450
75800	-	-	495	-	-	-	-	-	495	-	495
75860	-	-	31	330	210	-	-	-	571	-	571
76120	916	12,681	2,897	500	-	-	-	-	3,397	-	16,994
76300	12,591	849	3,502	1,330	-	-	-	-	4,832	-	18,272
77480	21,619	110	-	-	-	-	-	-	-	-	21,729
78180	4,715	247	10	-	-	-	-	-	10	-	4,972
79670	10,162	83	31	-	-	-	-	-	31	-	10,276
Total	845,396	135,492	101,608	73,520	87,880	69,180	28,570	8,340	369,098	-	1,349,986
Financing Sources											
Development Charges	100,793	1,926	5,045	1,100	230	-	-	-	6,375	-	109,094
Other Recoveries	82	-	-	-	-	-	-	-	-	-	82
Reserves	6,188	-	-	-	-	-	-	-	-	-	6,188
User Rates	19,115	-	5,235	1,650	-	-	-	-	6,885	-	26,000
Sub Total Regional	126,178	1,926	10,280	2,750	230	-	-	-	13,260	-	141,364
Federal Funding	2,401	-	-	-	-	-	-	-	-	-	2,401
Provincial Funding	4,026	-	-	-	-	-	-	-	-	-	4,026

2014 Capital Budget Water - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Other Recoveries	1,763	1,400	-	-	-	-	-	-	-	-	3,163
Sub Total External	8,190	1,400	-	-	-	-	-	-	-	-	9,590
Total Available Financing	134,368	3,326	10,280	2,750	230	-	-	-	13,260	-	150,954
Total Debtenture Requirements	711,028	132,166	91,328	70,770	87,650	69,180	28,570	8,340	355,838	-	1,199,032
Total Financing Sources	845,396	135,492	101,608	73,520	87,880	69,180	28,570	8,340	369,098	-	1,349,986

Program Group: Rehabilitation & Replacement

Gross Expenditures

73610	Transmission Operations Optimizer	2,225	245	506	10	-	-	-	516	-	2,986
73920	Capital Delivery Process Improvements - Water	1,500	195	-	-	-	-	-	-	-	1,695
75540	Water Model Calibration	33	36	57	10	30	-	-	97	-	166
78500	Water General	1,913	1,585	3,000	2,000	-	-	-	5,000	-	8,498
78510	Surface Water Treatment	273	226	1,583	2,000	100	90	-	3,773	-	4,272
78511	Ground Water Treatment	1,764	1,431	2,650	3,900	430	240	10	7,240	-	10,435
78512	Pumping Water	1,941	7,444	1,704	2,000	270	10	-	3,984	-	13,369
78514	Storage Elevated Tank	932	3,113	2,447	1,380	-	-	-	3,827	-	7,872
78516	Storage Reservoir	344	1,455	100	2,400	-	-	-	2,500	-	4,299
78517	Meter Chamber Water	52	-	155	155	-	-	-	310	-	362
78519	Transmission Main	19,599	150	466	3,500	2,840	5,110	-	11,916	-	31,665
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	48	298	1,526	1,820	-	-	-	3,346	-	3,692
78563	Technology Integration Water	287	404	333	-	-	-	-	333	-	1,024
78564	Technology Development & Implementation Water	731	1,198	1,224	-	-	-	-	1,224	-	3,153
78581	Water Asset Management	512	1,272	10,390	-	-	-	-	10,390	-	12,174
Total		32,154	19,052	26,141	19,175	3,670	5,450	10	54,456	-	105,662

Financing Sources

2014 Capital Budget
Water - Projects by Program Group
 Capital Spending Authority
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Development Charges	134	-	-	-	-	-	-	-	-	-	134
Reserves	11,898	-	-	-	-	-	-	-	-	-	11,898
User Rates	20,118	6,483	13,238	3,773	1,450	2,555	-	-	21,016	-	47,617
Sub Total Regional	32,150	6,483	13,238	3,773	1,450	2,555	-	-	21,016	-	59,649
Federal Funding	10	-	-	-	-	-	-	-	-	-	10
Sub Total External	10	-	-	-	-	-	-	-	-	-	10
Total Available Financing	32,160	6,483	13,238	3,773	1,450	2,555	-	-	21,016	-	59,659
Total Debenture Requirements	(6)	12,569	12,903	15,402	2,220	2,895	10	10	33,440	-	46,003
Total Financing Sources	32,154	19,052	26,141	19,175	3,670	5,450	10	10	54,456	-	105,662

2014 Capital Budget
Water - Total Capital Spending Authority
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	877,550	154,544	127,749	92,695	91,550	74,630	28,580	8,350	423,554	-	1,455,648
Regional											
Development Charges	100,927	1,926	5,045	1,100	230	-	-	-	6,375	-	109,228
Other Recoveries	82	-	-	-	-	-	-	-	-	-	82
Reserves	18,086	-	-	-	-	-	-	-	-	-	18,086
User Rates	39,233	6,483	18,473	5,423	1,450	2,555	-	-	27,901	-	73,617
Sub Total Regional	158,328	8,409	23,518	6,523	1,680	2,555	-	-	34,276	-	201,013
External											
Federal Funding	2,411	-	-	-	-	-	-	-	-	-	2,411
Provincial Funding	4,026	-	-	-	-	-	-	-	-	-	4,026
Other Recoveries	1,763	1,400	-	-	-	-	-	-	-	-	3,163
Sub Total External	8,200	1,400	-	-	-	-	-	-	-	-	9,600
Total Available Financing	166,528	9,809	23,518	6,523	1,680	2,555	-	-	34,276	-	210,613
Debenture											
Debenture Proceeds	711,022	-	-	-	-	-	-	-	-	-	711,022
Debenture Proceeds DC	-	128,751	91,328	70,770	87,650	69,180	28,570	8,340	355,838	-	484,589
Debenture Proceeds User Rate	-	15,984	12,903	15,402	2,220	2,895	10	10	33,440	-	49,424
Sub Total Debenture	711,022	144,735	104,231	86,172	89,870	72,075	28,580	8,350	389,278	-	1,245,035
Total Financing Sources	877,550	154,544	127,749	92,695	91,550	74,630	28,580	8,350	423,554	-	1,455,648

2014 Capital Budget Water - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
70050	Leslie St. Watermain (WM)	1,350	-	-	1,350	-	-	-	-
70120	Orchard Heights PS Upgrade	1,929	-	-	1,929	-	-	-	-
71180	Queensville Elevated Tank No. 1	595	-	-	595	-	-	-	-
71260	Decommission Sharon Elevated Tank	225	-	-	-	225	-	-	-
72150	Water Conservation Authority (C A) Joint Initiatives	3,940	-	-	-	-	-	3,940	-
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	6,470	-	-	6,470	-	-	-	-
72390	Water for Tomorrow Program	4,087	-	-	-	4,087	-	-	-
72440	Aurora/Newmarket Water Supply System Study	20	-	-	-	20	-	-	-
72450	Aurora Elevated Tank (related to project 70050)	6,943	-	-	6,943	-	-	-	-
72490	East Gwillimbury Water Meter Chambers	1,853	-	-	1,853	-	-	-	-
72520	PD6 Nashville Road Watermain - Huntington to the Kleinburg Elevated Tank	13,258	-	-	13,258	-	-	-	-
73140	Nobleton Elevated tank and watermain to Town	12	-	-	-	12	-	-	-
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	2,897	-	-	2,897	-	-	-	-
73170	King City - Additional Water Supply watermain	30	-	-	-	30	-	-	-
73210	King City Elevated Tank and Watermain (WM) from Elevated Tank (ET) to town	3	-	-	-	3	-	-	-
73300	Water Master Plan Update	1,865	-	-	-	1,865	-	-	-
73580	Toronto Water Supply - Cost Share	77,987	-	-	77,987	-	-	-	-
73610	Transmission Operations Optimizer	516	-	-	-	-	-	516	-
73790	Peel Water Supply - Cost - Shared Work	134,900	-	-	134,900	-	-	-	-
74220	Decommission Markham Pumping Station (PS)	72	-	-	-	72	-	-	-
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	31,383	-	-	31,383	-	-	-	-
75390	West Vaughan Water Servicing	5,246	-	-	5,246	-	-	-	-
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	45,932	-	-	45,932	-	-	-	-
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	20	-	-	-	20	-	-	-
75450	Glenway Reservoir Expansion	1,484	-	-	1,484	-	-	-	-
75510	Second Concession Watermain	10,257	-	-	10,257	-	-	-	-
75520	Stouffville Zone 2 Elevated Tank (ET) and Watermain	1,550	-	-	1,550	-	-	-	-
75530	East Vaughan Water Servicing	1,769	-	-	1,769	-	-	-	-

2014 Capital Budget Water - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
75540	Water Model Calibration	97	-	-	-	-	-	97	-
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	1,200	-	-	1,200	-	-	-	-
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	35	-	-	35	-	-	-	-
75790	380 Bayview O M Expansion	2,450	-	-	-	-	-	2,450	-
75800	Water & Wastewater Vehicle Purchases	495	-	-	-	-	-	495	-
75860	South Maple Reservoir Upgrade	571	-	-	571	-	-	-	-
76120	PD7 Elgin Mills (Enford to Bayview)	3,397	-	-	3,397	-	-	-	-
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vondorf, Bloomington, Bayview Watermain (WM)	4,832	-	-	4,832	-	-	-	-
78180	Ballantrae - New Production Well and W/M to Town	10	-	-	-	10	-	-	-
78500	Water General	5,000	-	-	5,000	-	-	-	-
78510	Surface Water Treatment	3,773	-	-	3,773	-	-	-	-
78511	Ground Water Treatment	7,240	-	-	7,240	-	-	-	-
78512	Pumping Water	3,984	-	-	3,984	-	-	-	-
78514	Storage Elevated Tank	3,827	-	-	1,806	-	-	2,021	-
78516	Storage Reservoir	2,500	-	-	1,250	-	-	1,250	-
78517	Meter Chamber Water	310	-	-	154	-	-	156	-
78519	Transmission Main	11,916	-	-	5,958	-	-	5,958	-
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	3,346	-	-	3,346	-	-	-	-
78563	Technology Integration Water	333	-	-	167	-	-	166	-
78564	Technology Development & Implementation Water	1,224	-	-	612	-	-	612	-
78581	Water Asset Management	10,390	-	-	150	-	-	10,240	-
79670	Water System Capacity Assessment	31	-	-	-	31	-	-	-
Total Rate Supported		423,554	-	-	389,278	6,375	-	27,901	-

2014 Capital Budget Water - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
70050	12,490	36	50	1,250	50	-	-	-	1,350	-	13,876
70100	11,203	-	-	-	-	-	-	-	-	-	11,203
70120	1,401	1,906	1,439	450	40	-	-	-	1,929	-	5,236
71180	3,612	5,778	595	-	-	-	-	-	595	-	9,985
71250	-	-	-	-	60	360	460	7,380	8,260	-	8,260
71260	261	62	195	30	-	-	-	-	225	-	548
72150	14,697	3,415	3,940	3,615	3,615	3,615	3,615	18,075	36,475	-	54,587
72170	9,048	188	-	-	-	-	-	-	-	-	9,236
72180	25,112	10	-	-	-	-	-	-	-	-	25,122
72200	568	233	10	6,460	-	-	-	4,610	11,080	-	11,881
72390	13,658	1,273	4,087	4,275	4,000	3,000	2,600	13,100	31,062	-	45,993
72440	3	111	20	-	-	-	-	-	20	-	134
72450	392	2,700	3,883	1,540	1,520	-	-	-	6,943	-	10,035
72490	22	144	673	1,180	-	-	-	-	1,853	-	2,019
72500	10,695	1,213	-	-	-	-	-	-	-	-	11,908
72520	1,833	4,528	8,718	4,540	-	-	-	-	13,258	-	19,619

Program Group: Growth

Gross Expenditures

70050	Leslie St. Watermain (WM)	12,490	36	50	1,250	50	-	-	-	-	13,876
70100	Wellington W/M (Berczy to Orchard Heights P.S.)	11,203	-	-	-	-	-	-	-	-	11,203
70120	Orchard Heights PS Upgrade	1,401	1,906	1,439	450	40	-	-	1,929	-	5,236
71180	Queensville Elevated Tank No. 1	3,612	5,778	595	-	-	-	-	595	-	9,985
71250	Queensville Tank No. 2	-	-	-	-	60	360	460	7,380	-	8,260
71260	Decommission Sharon Elevated Tank	261	62	195	30	-	-	-	225	-	548
72150	Water Conservation Authority (C A) Joint Initiatives	14,697	3,415	3,940	3,615	3,615	3,615	18,075	36,475	-	54,587
72170	Georgina Water Supply (GWS) - Keswick North Elevated Tank (ET) and Connecting Watermain to Woodbine Ave	9,048	188	-	-	-	-	-	-	-	9,236
72180	Georgina Water Supply (GWS) - Woodbine and Ravenshoe Watermain (WM) (Church St - Keswick Tank)	25,112	10	-	-	-	-	-	-	-	25,122
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	568	233	10	6,460	-	-	4,610	11,080	-	11,881
72390	Water for Tomorrow Program	13,658	1,273	4,087	4,275	4,000	3,000	2,600	31,062	-	45,993
72440	Aurora/Newmarket Water Supply System Study	3	111	20	-	-	-	-	20	-	134
72450	Aurora Elevated Tank (related to project 70050)	392	2,700	3,883	1,540	1,520	-	-	6,943	-	10,035
72490	East Gwillimbury Water Meter Chambers	22	144	673	1,180	-	-	-	1,853	-	2,019
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	10,695	1,213	-	-	-	-	-	-	-	11,908
72520	PD6 Nashville Road Watermain - Huntington to the Kleinburg Elevated Tank	1,833	4,528	8,718	4,540	-	-	-	13,258	-	19,619

2014 Capital Budget Water - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
73140	5,018	171	2	10	-	-	-	-	12	-	5,201
73160	4,785	3,252	2,597	300	-	-	-	-	2,897	-	10,934
73170	18,854	103	30	-	-	-	-	-	30	-	18,987
73210	5,260	4	3	-	-	-	-	-	3	-	5,267
73300	798	80	615	1,020	230	-	90	1,960	3,915	-	4,793
73580	175,493	21,094	17,037	15,780	18,450	16,370	14,000	12,340	93,977	168,730	459,294
73790	429,332	55,000	200	3,700	53,800	54,000	19,200	10,850	141,750	4,930	631,012
73890	4,337	-	-	-	-	-	-	-	-	-	4,337
74210	13,387	-	-	-	-	-	-	-	-	-	13,387
74220	97	107	42	30	-	-	-	1,700	1,772	-	1,976
74260	29,468	12,876	21,283	10,100	-	-	-	-	31,383	-	73,727
75390	29	25	306	7,870	24,740	17,080	-	-	49,996	-	50,050
75400	1,305	1,266	19,252	15,440	11,240	-	-	-	45,932	-	48,503
75410	-	-	-	-	-	140	540	460	1,140	-	1,140
75420	798	116	10	10	-	-	-	-	20	-	934
75430	35	-	-	-	-	-	-	-	-	-	35
75440	1	-	-	-	-	-	-	-	-	-	1
75450	550	3,276	1,324	160	-	-	-	-	1,484	-	5,310
75460	35	25	-	-	-	-	-	-	-	-	60
75480	207	-	-	-	-	400	670	11,880	12,950	-	13,157

2014 Capital Budget Water - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
75490 Bathurst/Green Lane/ Yonge Watermain	3	-	-	-	-	-	-	-	-	-	3
75510 Second Concession Watermain	119	85	5,837	3,860	560	-	-	-	10,257	-	10,461
75520 Stouffville Zone 2 Elevated Tank (ET) and Watermain	-	-	60	170	360	500	5,840	1,370	8,300	-	8,300
75530 East Vaughan Water Servicing	-	10	519	890	950	3,240	7,900	47,920	61,419	-	61,429
75590 Wellington Reservoir and Watermain	4	-	-	-	-	-	-	450	450	10,800	11,254
75600 Green Lane/ Leslie Street Newmarket Central (N C) Watermain	-	-	-	400	430	430	1,740	15,540	18,540	-	18,540
75620 Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	444	2,388	1,080	120	-	-	-	-	1,200	-	4,032
75680 PD7 Water System Upgrades	-	-	-	-	-	-	-	1,320	1,320	39,000	40,320
75690 Sout h Maple PS Upgrade	-	-	-	-	230	520	-	-	750	-	750
75700 Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	39	47	35	-	-	160	170	17,000	17,365	-	17,451
75710 York Peel Feedermain Upgrade	-	-	-	-	-	-	-	9,870	9,870	5,090	14,960
75790 380 Bayview O M M Expansion	-	-	800	1,650	-	-	-	-	2,450	-	2,450
75800 Water & Wastewater Vehicle Purchases	-	-	495	546	585	563	570	-	2,759	-	2,759
75850 Aurora East BPS Upgrade	-	-	-	-	110	420	550	3,950	5,030	-	5,030
75860 South Maple Reservoir Upgrade	-	-	31	330	6,210	-	-	-	6,571	-	6,571
76120 PD7 Elgin Mills (Enford to Bayview)	916	12,681	2,897	500	-	-	-	-	3,397	-	16,994
76300 N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (W/M)	12,591	849	3,502	1,330	-	-	-	-	4,832	-	18,272
77420 Decommission East Woodbridge Pumping Station (PS)	-	-	-	-	-	-	-	300	300	-	300
77480 Kleinburg - Additional Water Supply watermain	21,619	110	-	-	-	-	-	-	-	-	21,729
78180 Ballantrae - New Production Well and W/M to Town	4,715	247	10	-	-	-	-	-	10	-	4,972

2014 Capital Budget Water - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
79670 Water System Capacity Assessment	10,162	83	31	40	40	90	90	350	641	-	10,886
Total	845,396	135,492	101,608	87,596	127,220	100,888	58,035	180,425	655,772	228,550	1,865,210
Financing Sources											
Development Charges	100,793	1,926	5,045	5,415	4,500	3,750	3,320	17,870	39,900	-	142,619
Other Recoveries	82	-	-	-	-	-	-	-	-	-	82
Reserves	6,188	-	-	-	-	-	-	-	-	-	6,188
User Rates	19,115	-	5,235	5,811	4,200	4,178	4,185	18,075	41,684	-	60,799
Sub Total Regional	126,178	1,926	10,280	11,226	8,700	7,928	7,505	35,945	81,584	-	209,688
Federal Funding	2,401	-	-	-	-	-	-	-	-	-	2,401
Provincial Funding	4,026	-	-	-	-	-	-	-	-	-	4,026
Other Recoveries	1,763	1,400	-	-	-	-	-	-	-	-	3,163
Sub Total External	8,190	1,400	-	-	-	-	-	-	-	-	9,590
Total Available Financing	134,368	3,326	10,280	11,226	8,700	7,928	7,505	35,945	81,584	-	219,278
Total Debtenture Requirements	711,028	132,166	91,328	76,370	118,520	92,960	50,530	144,480	574,188	228,550	1,645,932
Total Financing Sources	845,396	135,492	101,608	87,596	127,220	100,888	58,035	180,425	655,772	228,550	1,865,210
Program Group: Rehabilitation & Replacement											
Gross Expenditures											
73610 Transmission Operations Optimizer	2,225	245	506	20	110	360	10	480	1,486	-	3,956
73920 Capital Delivery Process Improvements - Water	1,500	195	-	-	-	-	-	-	-	-	1,695
75540 Water Model Calibration	33	36	57	10	30	-	30	70	197	-	266
75670 East Woodbridge E T Decommissioning	-	-	-	-	-	-	100	210	310	-	310
78500 Water General	1,913	1,585	3,000	2,000	2,000	1,000	-	-	8,000	-	11,498
78510 Surface Water Treatment	273	226	1,583	2,000	100	90	-	4,700	8,473	-	8,972
78511 Ground Water Treatment	1,764	1,431	2,650	4,600	5,380	3,490	11,710	9,960	37,790	-	40,985

2014 Capital Budget Water - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
78512 Pumping Water	1,941	7,444	1,704	4,500	2,270	40	2,200	9,700	20,414	-	29,799
78513 Storage at Grade	-	-	-	-	-	-	-	2,900	2,900	-	2,900
78514 Storage Elevated Tank	932	3,113	2,447	1,380	100	2,400	100	9,850	16,277	-	20,322
78516 Storage Reservoir	344	1,455	100	2,400	-	-	2,300	4,800	9,600	-	11,399
78517 Meter Chamber Water	52	-	155	155	-	-	-	760	1,070	-	1,122
78518 Control Valve Chamber - Water	-	-	-	-	-	-	-	140	140	-	140
78519 Transmission Main	19,599	150	466	5,050	8,290	5,110	3,200	17,000	39,116	-	58,865
78540 Supervisory Control and Data Acquisition (SCADA) Communication Network Water	48	298	1,526	1,980	1,470	1,570	90	-	6,636	-	6,982
78563 Technology Integration Water	287	404	333	346	360	375	390	2,000	3,804	-	4,495
78564 Technology Development & Implementation Water	731	1,198	1,224	1,273	1,324	1,377	1,432	6,500	13,130	-	15,059
78581 Water Asset Management	512	1,272	10,390	11,754	9,351	10,930	5,638	17,799	65,862	-	67,646
Total	32,154	19,052	26,141	37,468	30,785	26,742	27,200	86,869	235,205	-	286,411
Financing Sources											
Development Charges	134	-	-	-	-	-	100	210	310	-	444
Reserves	11,898	-	-	-	-	-	-	-	-	-	11,898
User Rates	20,118	6,483	13,238	16,794	14,201	15,593	9,062	39,343	108,231	-	134,832
Sub Total Regional	32,150	6,483	13,238	16,794	14,201	15,593	9,162	39,553	108,541	-	147,174
Federal Funding	10	-	-	-	-	-	-	-	-	-	10
Sub Total External	10	-	-	-	-	-	-	-	-	-	10
Total Available Financing	32,160	6,483	13,238	16,794	14,201	15,593	9,162	39,553	108,541	-	147,184
Total Debenture Requirements	(6)	12,569	12,903	20,674	16,584	11,149	18,038	47,316	126,664	-	139,227
Total Financing Sources	32,154	19,052	26,141	37,468	30,785	26,742	27,200	86,869	235,205	-	286,411

2014 Capital Budget Water - Total 10 Year Capital Expenditures (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	877,550	154,544	127,749	125,064	158,005	127,630	85,235	267,294	890,977	228,550	2,151,621
Regional											
Development Charges	100,927	1,926	5,045	5,415	4,500	3,750	3,420	18,080	40,210	-	143,063
Other Recoveries	82	-	-	-	-	-	-	-	-	-	82
Reserves	18,086	-	-	-	-	-	-	-	-	-	18,086
User Rates	39,233	6,483	18,473	22,605	18,401	19,771	13,247	57,418	149,915	-	195,631
Sub Total Regional	158,328	8,409	23,518	28,020	22,901	23,521	16,667	75,498	190,125	-	356,862
External											
Federal Funding	2,411	-	-	-	-	-	-	-	-	-	2,411
Provincial Funding	4,026	-	-	-	-	-	-	-	-	-	4,026
Other Recoveries	1,763	1,400	-	-	-	-	-	-	-	-	3,163
Sub Total External	8,200	1,400	-	-	-	-	-	-	-	-	9,600
Total Available Financing	166,528	9,809	23,518	28,020	22,901	23,521	16,667	75,498	190,125	-	366,462
Debenture											
Debenture Proceeds	711,022	-	-	-	-	-	-	-	-	-	711,022
Debenture Proceeds DC	-	128,751	91,328	76,370	118,520	92,960	50,530	144,480	574,188	228,550	931,489
Debenture Proceeds User Rate	-	15,984	12,903	20,674	16,584	11,149	18,038	47,316	126,664	-	142,648
Sub Total Debenture	711,022	144,735	104,231	97,044	135,104	104,109	68,568	191,796	700,852	228,550	1,785,159
Total Financing Sources	877,550	154,544	127,749	125,064	158,005	127,630	85,235	267,294	890,977	228,550	2,151,621

2014 Capital Budget Water - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/ure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
70050	Leslie St. Watermain (WM)	1,350	-	-	1,350	-	-	-	-
70120	Orchard Heights PS Upgrade	1,929	-	-	1,929	-	-	-	-
71180	Queensville Elevated Tank No. 1	595	-	-	595	-	-	-	-
71250	Queensville Tank No. 2	8,260	-	-	8,260	-	-	-	-
71260	Decommission Sharon Elevated Tank	225	-	-	-	225	-	-	-
72150	Water Conservation Authority (C A) Joint Initiatives	36,475	-	-	-	-	-	36,475	-
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	11,080	-	-	11,080	-	-	-	-
72390	Water for Tomorrow Program	31,062	-	-	-	31,062	-	-	-
72440	Aurora/Newmarket Water Supply System Study	20	-	-	-	20	-	-	-
72450	Aurora Elevated Tank (related to project 70050)	6,943	-	-	6,943	-	-	-	-
72490	East Gwillimbury Water Meter Chambers	1,853	-	-	1,853	-	-	-	-
72520	PD6 Nashville Road Watermain - Huntington to the Kleinburg Elevated Tank	13,258	-	-	13,258	-	-	-	-
73140	Nobleton Elevated tank and watermain to Town	12	-	-	-	12	-	-	-
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	2,897	-	-	2,897	-	-	-	-
73170	King City - Additional Water Supply watermain	30	-	-	-	30	-	-	-
73210	King City Elevated Tank and Watermain (WM) from Elevated Tank (ET) to town	3	-	-	-	3	-	-	-
73300	Water Master Plan Update	3,915	-	-	-	3,915	-	-	-
73580	Toronto Water Supply - Cost Share	93,977	-	-	93,977	-	-	-	-
73610	Transmission Operations Optimizer	1,486	-	-	-	-	-	1,486	-
73790	Peel Water Supply - Cost - Shared Work	141,750	-	-	141,750	-	-	-	-
74220	Decommission Markham Pumping Station (PS)	1,772	-	-	-	1,772	-	-	-
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	31,383	-	-	31,383	-	-	-	-
75390	West Vaughan Water Servicing	49,996	-	-	49,996	-	-	-	-
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	45,932	-	-	45,932	-	-	-	-
75410	Decommission North Richmond Hill (RH) Pumping Station (PS)	1,140	-	-	-	1,140	-	-	-
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	20	-	-	-	20	-	-	-
75450	Glenway Reservoir Expansion	1,484	-	-	1,484	-	-	-	-
75480	Newmarket West Yonge Elevated Tank, (ET) and Yonge Watermain (WM)	12,950	-	-	12,950	-	-	-	-

2014 Capital Budget Water - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
75510	Second Concession Watermain	10,257	-	-	10,257	-	-	-	-
75520	Stouffville Zone 2 Elevated Tank (ET) and Watermain	8,300	-	-	8,300	-	-	-	-
75530	East Vaughan Water Servicing	61,419	-	-	61,419	-	-	-	-
75540	Water Model Calibration	197	-	-	-	-	-	197	-
75590	Wellington Reservoir and Watermain	450	-	-	450	-	-	-	-
75600	Green Lane/ Leslie Street Newmarket Central (N C) Watermain	18,540	-	-	18,540	-	-	-	-
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	1,200	-	-	1,200	-	-	-	-
75670	East Woodbridge E T Decommissioning	310	-	-	-	310	-	-	-
75680	PD7 Water System Upgrades	1,320	-	-	1,320	-	-	-	-
75690	Sout h Maple PS Upgrade	750	-	-	-	750	-	-	-
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	17,365	-	-	17,365	-	-	-	-
75710	York Peel Feedermain Upgrade	9,870	-	-	9,870	-	-	-	-
75790	380 Bayview O M Expansion	2,450	-	-	-	-	-	2,450	-
75800	Water & Wastewater Vehicle Purchases	2,759	-	-	-	-	-	2,759	-
75850	Aurora East BPS Upgrade	5,030	-	-	5,030	-	-	-	-
75860	South Maple Reservoir Upgrade	6,571	-	-	6,571	-	-	-	-
76120	PD7 Elgin Mills (Enford to Bayview)	3,397	-	-	3,397	-	-	-	-
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (WM)	4,832	-	-	4,832	-	-	-	-
77420	Decommission East Woodbridge Pumping Station (PS)	300	-	-	-	300	-	-	-
78180	Ballintrae - New Production Well and W/M to Town	10	-	-	-	10	-	-	-
78500	Water General	8,000	-	-	8,000	-	-	-	-
78510	Surface Water Treatment	8,473	-	-	8,473	-	-	-	-
78511	Ground Water Treatment	37,790	-	-	37,790	-	-	-	-
78512	Pumping Water	20,414	-	-	20,414	-	-	-	-
78513	Storage at Grade	2,900	-	-	1,450	-	-	1,450	-
78514	Storage Elevated Tank	16,277	-	-	8,031	-	-	8,246	-
78516	Storage Reservoir	9,600	-	-	4,800	-	-	4,800	-
78517	Meter Chamber Water	1,070	-	-	534	-	-	536	-

2014 Capital Budget Water - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
78518	Control Valve Chamber - Water	140	-	-	70	-	-	-	70
78519	Transmission Main	39,116	-	-	19,558	-	-	19,558	-
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	6,636	-	-	6,636	-	-	-	-
78563	Technology Integration Water	3,904	-	-	1,903	-	-	1,901	-
78564	Technology Development & Implementation Water	13,130	-	-	6,566	-	-	6,564	-
78581	Water Asset Management	65,862	-	-	2,439	-	-	63,423	-
79670	Water System Capacity Assessment	641	-	-	-	641	-	-	-
Total Rate Supported		890,977	-	-	700,852	40,210	-	149,915	-

Capital Strategy

The 2014 Capital Strategy builds upon York Region's *Vision 2051* Guiding Principles, with a mandate to plan and deliver a financially sustainable infrastructure program that promotes economic vitality, healthy communities and a sustainable natural environment.

The 2014 Wastewater Capital Plan follows the 2014 Corporate Prioritization Guidelines and prioritizes projects to ensure that funding is being managed in a sustainable manner to achieve the 2011 to 2015 Strategic Objectives including:

- support managed growth and optimize community benefit
- leverage capacity available in existing infrastructure
- promote intensification and maximize economic development potential in Regional Centres and Corridors
- increase employment opportunities by extending servicing for new employment lands

Continued implementation of existing sustainability programs including infrastructure management, water conservation and inflow and infiltration reduction play a key role in development of the 2014 Wastewater Capital Plan.

A Ten-Year Wastewater Capital Plan has been developed for the period from 2014 through 2023 with nearly \$2.2 billion in capital expenditures forecast for this time period.

Ten-Year Plan Overview (2014 – 2023)

Investing nearly \$2.2 billion in wastewater infrastructure over the next ten years

The Ten-Year Capital Plan is focused on expansion of the York Durham Sewage System, delivery of Peel cost shared works and implementation of sewage works to service Holland Landing, Queensville and Sharon. Substantial investment is also directed over this period to support the inflow/infiltration reduction and asset management programs to maintain and leverage capacity available in existing infrastructure.

Highlights of the Ten-Year Wastewater Capital Plan include:

- Completion of the Master Plan Update in 2015 to update the servicing strategy in response to the new provincial growth targets for York Region and in advance of the next Development Charge Bylaw Update
- \$1.1 billion (or 52% of capital plan) required for expansion of the York Durham Sewage System including the Southeast Collector Trunk Sewer and works at Duffin Creek Water Pollution Control Plant including the outfall
- \$443 million (or 20% of capital plan) for major infrastructure renewal projects through the infrastructure asset management program including rehabilitation of the existing Southeast Collector and Duffin Creek Water Pollution Control Plant
- \$435 million (or 20% of capital plan) allocated for Upper York Sewage Solutions water reclamation centre, and other sewage works for long-term sanitary servicing in the Holland Landing, Sharon and Queensville communities in East Gwillimbury and parts of Aurora and Newmarket
- \$29 million (or 1% of capital plan) directed to support inflow and infiltration reduction
- Major growth-related infrastructure to be delivered in the ten years includes 58 kilometers of new sanitary trunk sewers and forcemains, a water reclamation centre, 1 water pollution control plant expansion and 5 new sewage pumping stations

Key Initiatives

The following key initiatives are essential to carry out the Wastewater Capital Strategy:

Updating existing wastewater servicing strategy through the 2015 Master Plan Update

In 2013, York Region commenced a Water and Wastewater Master Plan Update which will provide a blueprint for new water and wastewater infrastructure to accommodate growth to 2051 and beyond. Embracing the principles of innovation, investment and infrostretching, the Plan will leverage the existing sustainability programs such as water conservation, inflow and infiltration reduction, energy management, asset management and system optimization, to develop a cost effective servicing strategy. The Plan is expected to be completed in late 2015 at a cost of approximately \$2 million.

York Durham Sewage System capacity expansion to service growth in urban areas

A major priority over the ten years involves works to expand the York Durham Sewage System totalling over \$1.1 billion (or 52% of the capital plan) to provide committed capacity as assigned to local municipalities. These projects also contribute toward supporting intensification in Regional Centres and Corridors and strategic employment lands. Key deliverables include completion of:

- New Southeast Collector parallel to the existing sewer between Ninth Line in the Town of Markham and Valley Farm Road in the City of Pickering (\$175 million)
- Duffin Creek works including Stages 1 and 2 Upgrades, Outfall, Influent pumping station and existing odour control facility (\$241 million)
- Works required to service growth in the West Vaughan area (west of Highway 27 including Kleinburg-Nashville) and the East Vaughan area including employment lands around Highway 400, north of Teston Road (\$356 million)
- Works to service the build-out of Richmond Hill Langstaff Gateway Regional Urban Centre (\$27 million)
- Leslie Street Pumping Station upgrades (\$21 million) and North Don Relief Sanitary Sewer (\$14 million) to support growth in Richmond Hill, Vaughan and Markham

Servicing short and long term growth in Queensville, Holland Landing, Sharon, through YDSS Connection and Upper York Sewage Solutions

Initial sanitary needs for servicing growth in Queensville, Holland Landing, and Sharon will be met through construction of the York Durham Sewage System connection (\$131 million) currently in progress. The project involves construction of sewers and three sewage pumping stations to connect the three communities to the Newmarket pumping station which in turn connects into the York Durham Sewage System.

Servicing the long term growth needs of the three communities as well as parts of Aurora and Newmarket will be addressed through the Upper York Sewage Solutions project and other system improvements (\$506 million). The individual environmental assessment study identified a new Water Reclamation Centre together with upgrade of York Durham Sewage System in Newmarket and Aurora as the preferred alternative for the project.

Managing existing assets to ensure reliability and continuity of wastewater services

The Asset Management Program for wastewater infrastructure is designed to support short and long term capital planning through identification and prioritization of critical infrastructure renewal projects. The Program provides an objective method for evaluating infrastructure needs and optimization opportunities to ensure infrastructure reliability and continuity of wastewater services.

An aggressive Asset Management Program has been undertaken to streamline infrastructure planning and decision making process to ensure long term sustainability of existing assets positioning the Region as one of the leaders in infrastructure management. Projects identified in the Ten-Year Capital Plan are forecast to cost \$443 million to ensure the soundness and reliability of existing infrastructure to deliver quality wastewater services. Key projects identified in the capital plan include:

- Sewage Pumping Station upgrades including Newmarket, Aurora, Black Creek and Bogart Creek Pumping Stations (\$26 million)
- Sewer rehabilitation including sewer relining, crack assessment and repair for existing trunk sewers in the lower sections of the YDSS including the existing Southeast Collector, 9th Line sewer, 16th Avenue, as well as corrosion control for Aurora-Newmarket York Durham Sewage System (\$194 million)
- Rehabilitation of Duffin Creek Water Pollution Control Plant, including Reactor 1 and 2 upgrades (\$134 million)
- Water Pollution Control Plant upgrades including Sutton WPCP Lagoon Diversion, clarifier rehabilitation at the Kleinburg Water Pollution Control Plant (\$9 million)
- Wastewater Asset Management Program including condition assessment, performance evaluation and monitoring, risk assessment, deterioration modeling and trending, enabling identification and prioritization of critical infrastructure renewal projects (\$26 million)

Expanding treatment and pumping capacities in Sutton to accommodate growth through 2031

With the recent expansion of the Keswick Water Pollution Control Plant, the only remaining sewage works in Georgina to support growth to 2031 involve expansion of the Sutton Water Pollution Control Plant (\$41 million) and increasing High Street Pumping Station Capacity (\$2 million).

Expanding treatment capacity through Peel cost-shared works

Increased system capacity will continue to be secured through diversion of sewage flow for treatment in Peel Region. Works totalling \$43 million will be completed in the ten year period primarily to replace the Pearson Airport trunk sewer and implement Phase III expansion of Lakeview Wastewater Treatment Plant.

Demonstrating Municipal Leadership through long term Inflow and Infiltration Reduction Program

The Region and its nine local municipalities have assumed a leadership role within the province of Ontario by developing and committing to implementing a ten year inflow and infiltration reduction program. This commitment forms the building blocks on which the leading edge program has been developed. An asset management perspective of wastewater service delivery has been used to develop the program with a focus on

performance management, flow monitoring, inspections and condition assessments, capital improvements, funding and reserves, industry communication, reporting and continuous improvement.

The program includes funding for near term projects as well as a commitment to identify and address financial requirements for a ten year horizon and beyond. It also ensures that ongoing communication and collaboration occurs among regulatory agencies, developers, industry stakeholders including a partnership approach with the Ministry of the Environment and local municipalities. During the ten years, \$29 million has been allocated to support the inflow and infiltration strategy.

New Projects Added during the 2014 Budget Process

There is a new growth-related project in the capital plan:

- Humber Pumping Station Electrical Upgrade (\$2.4 million): This project involves upgrades to permit simultaneous operation of four existing pumps in the Humber Pumping Station including construction of a substation and other electrical upgrades. The project is expected to commence in 2014 with completion in 2015.

There is a new non-growth related project program added to the capital plan:

- Minor Capital – Wastewater (\$2 million): This program will support short and long term asset management planning by providing a mechanism to address sanitary infrastructure renewal needs that are too large or complex to qualify as a maintenance item or too small to qualify as a capital project.

Long Term Outlook

The 2014 through 2023 capital plan totalling \$2.2 is comprised mainly of major investment in York Durham Sewage System expansion as well as works to service future growth in Queensville, Holland Landing, and Sharon. Delivery of new infrastructure including the new Southeast Collector, Duffin Creek Outfall, Duffin Creek Stages 1 and 2 Upgrades, Leslie Street Pumping Station upgrades, East and West Vaughan servicing, York Durham Sewage System Connection, Water Reclamation Centre and expansion of Sutton Water Pollution Control Plant accounts for \$1.6 billion (or 74% of the capital plan).

Asset Management Program expenditures total \$443 million for the ten year period primarily for rehabilitation of the Duffin Creek Water Pollution Control Plant and the existing Southeast Collector. As infrastructure ages and reaches the end of its service life, capital spending will shift towards supporting infrastructure renewal projects in the future.

Net Operating Impact of New Capital Projects

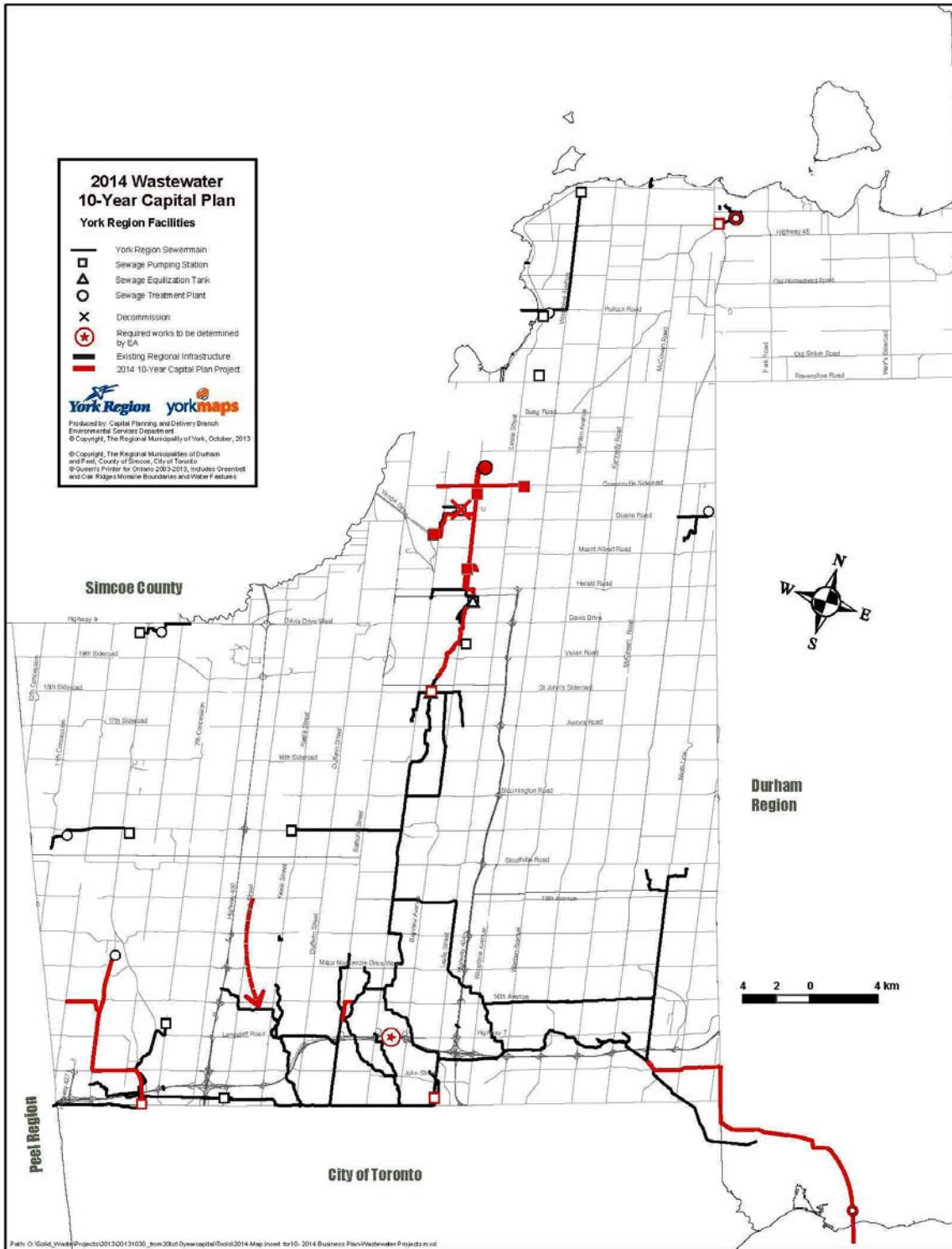
Additional staffing and funding resources will be required to operate and maintain the new facilities and kilometres of watermain that will be coming online during the ten years of the capital plan. Major infrastructure to be constructed during this period is summarized below:

Period	New Treatment Facilities	No. of new pumping stations	Odour Control Facilities	New Sewers and forcemain (km)
2014 – 2018	1	4	1	46
2019 – 2023	0	1	0	12
Total	1	5	1	58

Wastewater Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	214	286	201	561	229	24
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	20	3	3	3	3	0
Financing Costs	(11,575)	6,956	10,851	8,658	(811)	59,417
Occupancy Costs	185	52	53	55	58	6
Contribution to Reserves	16,928	1,867	2,641	(2,925)	(7,437)	1,826
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	5,772	9,164	13,749	6,352	(7,957)	61,274
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	(13,880)	6,349	9,005	9,297	8,492	46,810
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	(13,880)	6,349	9,005	9,297	8,492	46,810
Net Operating Impact	19,652	2,815	4,743	(2,945)	(16,450)	14,464

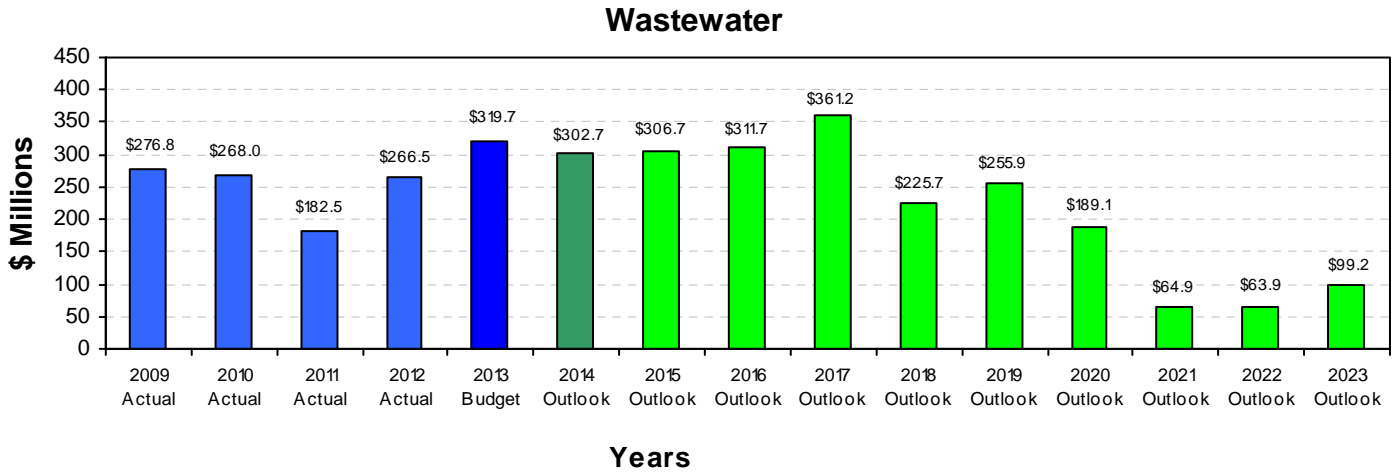
Appendix



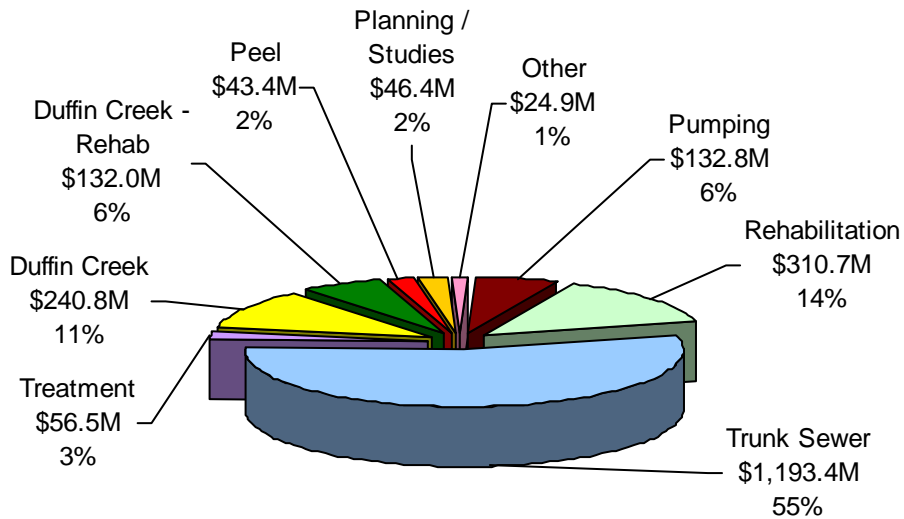
Capital Summary

\$000's	2013 Restated Budget	2014 Budget	2014-2023 10 Year Outlook
GROSS EXPENDITURES			
Tangible Capital Assets			
Replacement/Rehabilitation			
Gravity Sewers	4,391	6,569	193,599
Other Non-Capital Projects	5,406	6,969	42,966
Sewage Pumping Stations	6,320	11,962	26,232
Sewage Treatment Plants	797	734	8,594
Sewage Meter Chambers	520	294	6,194
Third Party Capital	9,392	6,182	167,634
Total Replacement/Rehabilitation	26,826	32,710	445,219
Growth / Expansion			
Gravity Sewers	171,840	195,327	1,163,417
Force mains	0	3,500	64,000
Sewage Pumping Stations	8,170	16,031	98,811
Sewage Treatment Plants	15,435	1,706	51,246
Third Party Capital	91,265	45,296	284,126
Total Growth / Expansion	286,710	261,860	1,661,600
Total Tangible Capital Assets	313,536	294,570	2,106,819
Non - Tangible Capital Assets			
Replacement/Rehabilitation			
Gravity Sewers	350	0	0
Other Non-Capital Projects	1,425	3,105	26,323
Total Replacement/Rehabilitation	1,775	3,105	26,323
Growth / Expansion			
Planning & Studies	3,080	3,385	33,015
Sewage Treatment Plants	0	0	500
Total Growth / Expansion	3,080	3,385	33,515
Improvements / Enhancement			
Groundwater Resource Protection	1,251	1,660	13,675
Other Non-Capital Projects	100	10	610
Total Improvements / Enhancement	1,351	1,670	14,285
Total Non - Tangible Capital Assets	6,206	8,160	74,123
Total Replacement/Rehabilitation	28,601	35,815	471,542
Total Growth / Expansion	289,790	265,245	1,695,115
Total Improvements / Enhancements	1,351	1,670	14,285
TOTAL GROSS EXPENDITURES	319,742	302,730	2,180,942
FINANCING			
Contribution from Operating	(6,074)	(12,131)	(132,048)
Developer Up - Front Financing	(21,649)	(71,296)	(113,359)
Development Charges	(1,250)	(645)	(4,215)
Other Recoveries (3rd party)	(12,743)	(7,978)	(89,451)
Debentures	(278,026)	(210,680)	(1,841,869)
TOTAL FINANCING	(319,742)	(302,730)	(2,180,942)

Capital Program Cost History



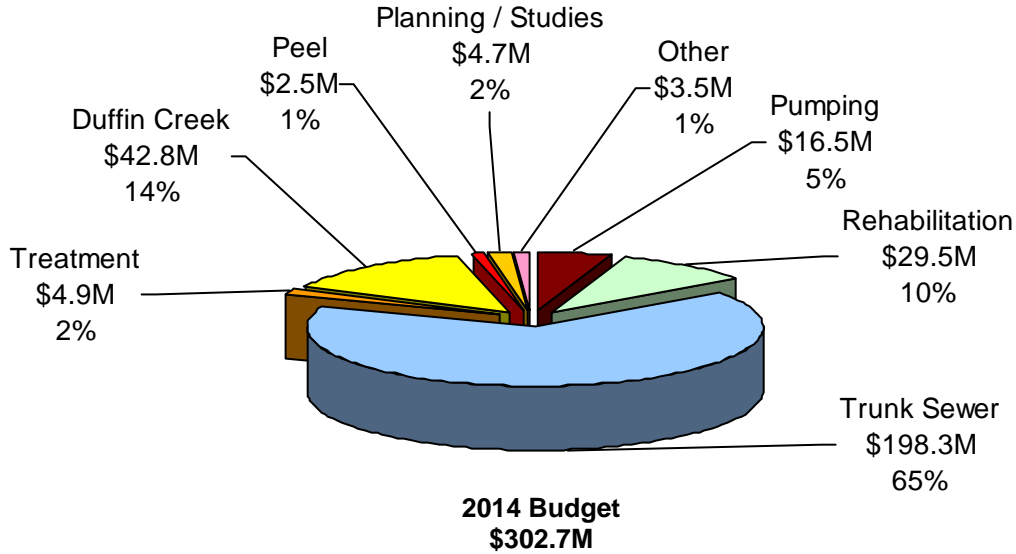
Ten-Year (2014 – 2023) – Forecast Expenditures by Project Type



**2014 - 2023 Capital Plan
\$2,180.9M**

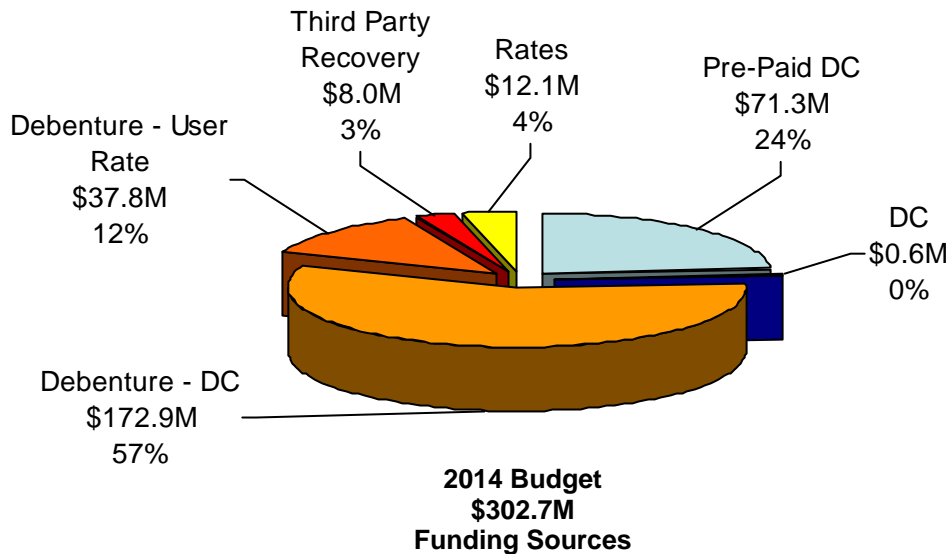
The Ten-Year Wastewater Capital Plan totals \$2.2 billion, of which \$1.2 billion or 55% is projected for expansion of York Durham Sewage System and a further \$241 million or 11% is related to expansion at Duffin Creek. A further \$443 million or 20% is required to rehabilitate or replace aging infrastructure.

2014 Budget – Forecast Expenditures by Project Type



Wastewater expenditures in 2014 total \$303 million of which \$198 million or 65% is for trunk sewers such as the new Southeast Collector, the North Don Relief Sewer and the YDSS connection. \$43 million or 14% relates to Duffin Creek upgrades and a further \$30 million or 10% is required to rehabilitate or replace aging infrastructure.

2014 Budget – Sources of Funding



The 2014 Wastewater capital expenditures of over \$303 million (or 14% of the capital plan) will be primarily funded from debentures (\$211 million or 69%), pre-paid development charges (\$71 million or 24%), rates (\$12.1 million or 4%) and third party recovery (\$8 million or 3%).

2014 Capital Budget Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Growth							
Gross Expenditures							
70340: Aurora Sewage Equalization Tank	17,425	-	-	-	-	-	17,425
71220: Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	13,162	21,211	114,699	955	115,654	-	150,027
71230: Holland Landing Lagoons Decommissioning	14	-	-	-	-	500	514
72230: Joe Dales Force mains & Pumping Station (PS) Upgrades	20,743	3	-	-	-	-	20,746
72240: Keswick Water Pollution Control Plant (WPCP) Expansion	68,244	17,861	16,106	(5,540)	10,566	-	96,671
72360: Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	1,283	895	9,322	(22)	9,300	148,030	159,508
72410: Temp Flow Control System on YDSS	2,546	134	-	336	336	-	3,016
72530: Duffin Creek Stage 1 & 2 Upgrades	15,174	30,684	216,100	5,066	221,166	-	267,024
72550: High Street Pump Station Expansion	-	-	-	-	-	1,990	1,990
73640: Inflow & Infiltration Reduction	12,606	1,100	16,239	(9,039)	7,200	21,600	42,506
73720: York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	576,285	39,300	14,800	(9,500)	5,300	-	620,885
74030: ~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason - Woodbine)	97,365	1,763	910	1,059	1,969	-	101,097
74040: York Durham Sewage System (YDSS) Southeast Collector	268,562	120,062	145,912	29,001	174,913	-	563,537
74270: Upper York Sewage Solutions	17,985	6,897	56,838	27,562	84,400	443,400	552,682
75300: West Vaughan Sewage Servicing	2,730	669	21,022	8,756	29,778	185,000	218,177

2014 Capital Budget

Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
75310: East Vaughan Wastewater Servicing	-	14	1,935	657	2,592	106,550	109,156
75320: Primary Trunk Sewer Study	41	-	-	10,940	10,940	188,140	199,121
75330: Green Lane Sewer Diversion	96	87	3,284	3,589	6,873	-	7,056
75340: East Queensville Pumping Station (PS) and Forcemain	-	-	-	-	-	16,010	16,010
75350: Sharon Trunk Sewer	643	371	-	15,032	15,032	-	16,046
75360: Upper York YDSS Improvements	-	-	-	12,800	12,800	51,200	64,000
75640: Wastewater System Capacity Studies	14	30	30	-	30	270	344
75650: Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	153	201	554	(348)	206	26,610	27,170
75760: North Don Relief Sewer	80	3,199	12,484	1,696	14,180	-	17,459
75770: Leslie St PS Forcemain	-	-	-	-	-	7,790	7,790
75780: Duffin Creek Lab Expansion	-	-	-	-	-	5,000	5,000
75810: Humber PS Electrical Upgrade	-	-	-	2,420	2,420	-	2,420
75880: Humber Pump Station Relocation Expansion	-	-	-	30,000	30,000	-	30,000
77090: York Durham Sewage System (YDSS) Langstaff Trunk	38,491	-	-	-	-	-	38,491
77100: *YDSS Bathurst Collector (Phases 1 & 2)	57,349	-	-	-	-	-	57,349
77310: West Rainbow Trunk Sewer	12,501	-	1,105	(1,105)	-	-	12,501
77470: Kleinburg Water Pollution Control Plant (WPCP) Expansion/Extension of YDSS	23,202	24	-	-	-	-	23,226
79100: YDSS Wastewater Master Plan Update	1,497	85	900	965	1,865	2,050	5,497
79570: Sutton Water Pollution Control Plant (WPCP) Expansion	8,964	-	-	-	-	40,680	49,644

2014 Capital Budget

Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
79740: Peel System Cost Shared Works	50,189	1,500	9,413	1,314	10,727	43,703	106,119
79890: York Durham Sewage System (YDSS) - Leslie Pumping Station (PS) Upgrade	4,415	5,846	19,719	1,696	21,415	-	31,676
Total Gross Expenditures	1,311,759	251,936	661,372	128,290	789,662	1,288,523	3,641,880
Financing Sources							
Regional							
Development Charges	106,033	142	900	995	1,895	2,320	110,390
Other Recoveries	74,093	21,582	86,699	26,160	112,859	500	209,034
Reserves	3,409	-	-	-	-	-	3,409
User Rates	17,202	-	-	-	-	-	17,202
Sub Total Regional	200,737	21,724	87,599	27,155	114,754	2,820	340,035
External							
Federal Funding	26,985	-	-	-	-	-	26,985
Provincial Funding	29,767	-	-	-	-	-	29,767
Other Recoveries	121,893	10,160	44,198	2,589	46,787	33,617	212,457
Sub Total External	178,645	10,160	44,198	2,589	46,787	33,617	269,209
Total Available Financing	379,382	31,884	131,797	29,744	161,541	36,437	609,244
Total Debenture Requirements	932,377	220,052	529,575	98,546	628,121	1,252,086	3,032,636
Total Financing Sources	1,311,759	251,936	661,372	128,290	789,662	1,288,523	3,641,880
Debenture Proceeds	932,304	-	-	-	-	-	932,304
Debenture Proceeds DC	73	207,225	456,092	99,109	555,201	1,252,086	2,014,585
Debenture Proceeds User Rate	-	12,827	73,483	(563)	72,920	-	85,747
Total Debenture Requirements	932,377	220,052	529,575	98,546	628,121	1,252,086	3,032,636
Rehabilitation & Replacement							

2014 Capital Budget

Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
73690: Capital Delivery Process Improvements - Wastewater	2,324	-	-	-	-	-	2,324
75380: Wastewater Model Calibration	186	-	100	10	110	600	896
75570: Existing Odour Control Facility (OCF) Modification Work	2,818	5,000	3,740	1,564	5,304	-	13,122
75820: Duffin Creek Reactor 1_2_Rehab	-	-	-	-	-	170,000	170,000
75830: SEC Rehab Primary Plan	-	-	-	-	-	54,500	54,500
75840: SEC Rehab Secondary Plan	-	-	-	-	-	37,000	37,000
76340: York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,888	200	1,338	(338)	1,000	1,450	5,538
78520: Wastewater General	12,089	3,222	7,471	(75)	7,396	9,000	31,707
78531: Pumping Wastewater	10,546	2,939	26,347	(4,215)	22,132	4,100	39,717
78532: Equalization Tank	-	-	-	-	-	3,000	3,000
78533: Wastewater Treatment	2,727	416	6,213	(4,719)	1,494	7,100	11,737
78534: Meter Chamber Wastewater	106	277	3,150	(1,996)	1,154	5,040	6,577
78536: Trunk Sewer	6,369	938	23,065	(11,676)	11,389	90,710	109,406
78537: Trunk Forcemain	304	-	-	-	-	-	304
78538: Odour Control	2,118	-	-	-	-	-	2,118
78550: Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	68	298	3,109	237	3,346	3,290	7,002
78573: Technology Integration Wastewater	261	393	400	(67)	333	3,471	4,458
78574: Technology Development & Implementation Wastewater	677	1,179	1,200	24	1,224	11,906	14,986
78582: Wastewater Asset Management	429	1,264	1,135	1,760	2,895	19,433	24,021
78584: Duffin Creek WPCP Assets	143	100	400	(190)	210	3,785	4,238

2014 Capital Budget Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
79470: Wastewater Conservation Authority (C A) Joint Initiative	10,075	1,251	1,299	361	1,660	12,015	25,001
79580: Sanitary Sewer Inspection Program	1,364	-	-	-	-	-	1,364
79850: York Durham Sewage System (YDSS) Duffin Creek Minor Capital	39,317	-	1,900	888	2,788	25,092	67,197
Total Gross Expenditures	94,809	17,477	80,867	(18,432)	62,435	461,492	636,213
Financing Sources							
Regional							
Development Charges	369	-	-	-	-	-	369
Reserves	49,357	-	-	-	-	-	49,357
User Rates	44,506	6,987	15,765	1,791	17,556	114,592	183,641
Sub Total Regional	94,232	6,987	15,765	1,791	17,556	114,592	233,367
External							
Federal Funding	10	-	-	-	-	-	10
Other Recoveries	572	-	-	-	-	44,540	45,112
Sub Total External	582	-	-	-	-	44,540	45,122
Total Available Financing	94,814	6,987	15,765	1,791	17,556	159,132	278,489
Total Debenture Requirements	(5)	10,490	65,102	(20,223)	44,879	302,360	357,724
Total Financing Sources	94,809	17,477	80,867	(18,432)	62,435	461,492	636,213
Debtenture Proceeds	(5)	-	-	-	-	-	(5)
Debtenture Proceeds User Rate	-	10,490	65,102	(20,223)	44,879	302,360	357,729
Total Debenture Requirements	(5)	10,490	65,102	(20,223)	44,879	302,360	357,724

2014 Capital Budget

Wastewater-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Wastewater							
Growth	1,311,759	251,936	661,372	128,290	789,662	1,288,523	3,641,880
Rehabilitation & Replacement	94,809	17,477	80,867	(18,432)	62,435	461,492	636,213
Total Gross Expenditures	1,406,568	269,413	742,239	109,858	852,097	1,750,015	4,278,093
Regional							
Development Charges	106,402	142	900	995	1,895	2,320	110,759
Other Recoveries	74,093	21,582	86,699	26,160	112,859	500	209,034
Reserves	52,766	0	0	0	0	0	52,766
User Rates	61,708	6,987	15,765	1,791	17,556	114,592	200,843
Sub Total Regional	294,969	28,711	103,364	28,946	132,310	117,412	573,402
External							
Federal Funding	26,995	-	-	-	-	-	26,995
Provincial Funding	29,767	-	-	-	-	-	29,767
Other Recoveries	122,465	10,160	44,198	2,589	46,787	78,157	257,569
Sub Total External	179,227	10,160	44,198	2,589	46,787	78,157	314,331
Total Available Financing	474,196	38,871	147,562	31,535	179,097	195,569	887,733
Total Debenture Requirements	932,372	230,542	594,677	78,323	673,000	1,554,446	3,390,360
Total Financing Sources	1,406,568	269,413	742,239	109,858	852,097	1,750,015	4,278,093
Debenture Proceeds	932,299	-	-	-	-	-	932,299
Debenture Proceeds DC	73	207,225	456,092	99,109	555,201	1,252,086	2,014,585
Debenture Proceeds User Rate	-	23,317	138,585	(20,786)	117,799	302,360	443,476
Total Debenture Requirements	932,372	230,542	594,677	78,323	673,000	1,554,446	3,390,360

2014 Capital Budget Wastewater - Projects by Program Group

Capital Spending Authority
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
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Program Group: Growth

Gross Expenditures

70340	Aurora Sewage Equalization Tank	17,425	-	-	-	-	-	-	-	-	17,425
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	13,162	21,211	37,280	16,090	-	-	-	115,654	-	150,027
71230	Holland Landing Lagoons Decommissioning	14	-	-	-	-	-	-	-	-	14
72230	Joe Dales Force mains & Pumping Station (PS) Upgrades	20,743	3	-	-	-	-	-	-	-	20,746
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	68,244	17,861	8,510	350	-	-	-	10,566	-	96,671
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	1,283	895	7,800	-	-	-	-	9,300	-	11,478
72410	Temp Flow Control System on YDSS	2,546	134	-	-	-	-	-	336	-	3,016
72530	Duffin Creek Stage 1 & 2 Upgrades	15,174	30,684	68,820	69,120	40,140	6,090	-	221,166	-	267,024
73640	Inflow & Infiltration Reduction	12,606	1,100	3,500	960	-	-	-	7,200	-	20,906
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	576,285	39,300	1,000	-	-	-	-	5,300	-	620,885
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason - Woodbine)	97,365	1,763	270	-	-	-	-	1,969	-	101,097
74040	York Durham Sewage System (YDSS) Southeast Collector	268,562	120,062	45,740	35,890	980	-	-	174,913	-	563,537
74270	Upper York Sewage Solutions	17,985	6,897	18,500	6,300	13,600	12,000	22,000	84,400	-	109,282
75300	West Vaughan Sewage Servicing	2,730	669	9,010	8,000	8,000	2,020	-	29,778	-	33,177
75310	East Vaughan Wastewater Servicing	-	14	1,300	530	-	-	-	2,592	-	2,606
75320	Primary Trunk Sewer Study	41	-	10	560	4,130	4,130	1,540	10,940	-	10,981
75330	Green Lane Sewer Diversion	96	87	2,720	-	-	-	-	6,873	-	7,056

2014 Capital Budget Wastewater - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
75350 Sharon Trunk Sewer	643	371	9,012	6,020	-	-	-	-	15,032	-	16,046
75360 Upper York YDSS Improvements	-	-	3,500	3,300	3,000	3,000	-	-	12,800	-	12,800
75640 Wastewater System Capacity Studies	14	30	30	-	-	-	-	-	30	-	74
75650 Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	153	201	206	-	-	-	-	-	206	-	560
75760 North Don Relief Sewer	80	3,199	10,020	4,160	-	-	-	-	14,180	-	17,459
75810 Humber PS Electrical Upgrade	-	-	1,000	1,420	-	-	-	-	2,420	-	2,420
75880 Humber Pump Station Relocation Expansion	-	-	3,000	22,000	5,000	-	-	-	30,000	-	30,000
77090 York Durham Sewage System (YDSS) Langstaff Trunk	38,491	-	-	-	-	-	-	-	-	-	38,491
77100 **YDSS Bathurst Collector (Phases 1 & 2)	57,349	-	-	-	-	-	-	-	-	-	57,349
77310 West Rainbow Trunk Sewer	12,501	-	-	-	-	-	-	-	-	-	12,501
77470 Kleinburg Water Pollution Control Plant (WPCP) Expansion/Extension of YDSS	23,202	24	-	-	-	-	-	-	-	-	23,226
79100 YDSS Wastewater Master Plan Update	1,497	85	615	1,020	230	-	-	-	1,865	-	3,447
79570 Sutton Water Pollution Control Plant (WPCP) Expansion	8,964	-	-	-	-	-	-	-	-	-	8,964
79740 Peel System Cost Shared Works	50,189	1,500	2,500	4,200	1,527	1,400	840	260	10,727	-	62,416
79890 York Durham Sewage System (YDSS) - Leslie Pumping Station (PS) Upgrade	4,415	5,846	11,825	8,510	990	50	40	-	21,415	-	31,676
Total	1,311,759	251,936	265,245	255,640	148,557	71,300	25,120	23,800	789,662	-	2,553,357
Financing Sources											
Development Charges	106,033	142	645	1,020	230	-	-	-	1,895	-	108,070
Other Recoveries	74,093	21,582	71,296	33,518	8,045	-	-	-	112,859	-	208,534
Reserves	3,409	-	-	-	-	-	-	-	-	-	3,409
User Rates	17,202	-	-	-	-	-	-	-	-	-	17,202
Sub Total Regional	200,737	21,724	71,941	34,538	8,275	-	-	-	114,754	-	337,215

2014 Capital Budget Wastewater - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Federal Funding	26,985	-	-	-	-	-	-	-	-	-	26,985
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	29,767
Other Recoveries	121,893	10,160	7,978	14,702	13,881	8,441	1,631	154	46,787	-	178,840
Sub Total External	178,645	10,160	7,978	14,702	13,881	8,441	1,631	154	46,787	-	235,592
Total Available Financing	379,382	31,884	79,919	49,240	22,156	8,441	1,631	154	161,541	-	572,807
Total Debenture Requirements	932,377	220,052	185,326	206,400	126,401	62,859	23,489	23,646	628,121	-	1,780,550
Total Financing Sources	1,311,759	251,936	265,245	255,640	148,557	71,300	25,120	23,800	789,662	-	2,353,357

Program Group: Rehabilitation & Replacement

Gross Expenditures

73690	Capital Delivery Process Improvements - Wastewater	2,324	-	-	-	-	-	-	-	-	2,324
75380	Wastewater Model Calibration	186	-	100	-	-	-	-	110	-	296
75570	Existing Odour Control Facility (OCF) Modification Work	2,818	5,000	3,194	2,110	-	-	-	5,304	-	13,122
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,888	200	200	200	200	200	-	1,000	-	4,088
78520	Wastewater General	12,089	3,222	3,886	2,990	520	-	-	7,396	-	22,707
78531	Pumping Wastewater	10,546	2,939	11,962	10,170	-	-	-	22,132	-	35,617
78533	Wastewater Treatment	2,727	416	734	760	-	-	-	1,494	-	4,637
78534	Meter Chamber Wastewater	106	277	294	450	280	130	-	1,154	-	1,537
78536	Trunk Sewer	6,369	938	6,569	3,380	850	590	-	11,389	-	18,696
78537	Trunk Foremain	304	-	-	-	-	-	-	-	-	304
78538	Odour Control	2,118	-	-	-	-	-	-	-	-	2,118
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	68	298	1,526	1,820	-	-	-	3,346	-	3,712
78573	Technology Integration Wastewater	261	393	333	-	-	-	-	333	-	987

2014 Capital Budget Wastewater - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
78574	677	1,179	1,224	-	-	-	-	-	1,224	-	3,080
78582	429	1,264	2,895	-	-	-	-	-	2,895	-	4,588
78584	143	100	210	-	-	-	-	-	210	-	453
79470	10,075	1,251	1,660	-	-	-	-	-	1,660	-	12,986
79580	1,364	-	-	-	-	-	-	-	-	-	1,364
79850	39,317	-	2,788	-	-	-	-	-	2,788	-	42,105
Total	94,809	17,477	37,485	21,980	1,850	920	200	-	62,435	-	174,721
Financing Sources											
Development Charges	369	-	-	-	-	-	-	-	-	-	369
Reserves	49,357	-	-	-	-	-	-	-	-	-	49,357
User Rates	44,506	6,987	12,131	3,895	820	610	100	-	17,556	-	69,049
Sub Total Regional	94,232	6,987	12,131	3,895	820	610	100	-	17,556	-	118,775
Federal Funding	10	-	-	-	-	-	-	-	-	-	10
Other Recoveries	572	-	-	-	-	-	-	-	-	-	572
Sub Total External	582	-	-	-	-	-	-	-	-	-	582
Total Available Financing	94,814	6,987	12,131	3,895	820	610	100	-	17,556	-	119,357
Total Debtenture Requirements	(5)	10,490	25,354	18,085	1,030	310	100	-	44,879	-	55,364
Total Financing Sources	94,809	17,477	37,485	21,980	1,850	920	200	-	62,435	-	174,721

2014 Capital Budget Wastewater - Total Capital Spending Authority (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	1,406,568	269,413	302,730	277,620	150,407	72,220	25,320	23,800	852,097	-	2,528,078
Regional											
Development Charges	106,402	142	645	1,020	230	-	-	-	1,895	-	108,439
Other Recoveries	74,093	21,582	71,296	33,518	8,045	-	-	-	112,859	-	208,534
Reserves	52,766	-	-	-	-	-	-	-	-	-	52,766
User Rates	61,708	6,987	12,131	3,895	820	610	100	-	17,556	-	86,251
Sub Total Regional	294,969	28,711	84,072	38,433	9,095	610	100	-	132,310	-	455,990
External											
Federal Funding	26,995	-	-	-	-	-	-	-	-	-	26,995
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	29,767
Other Recoveries	122,465	10,160	7,978	14,702	13,881	8,441	1,631	154	46,787	-	179,412
Sub Total External	179,227	10,160	7,978	14,702	13,881	8,441	1,631	154	46,787	-	236,174
Total Available Financing	474,196	38,871	92,050	53,135	22,976	9,051	1,731	154	179,097	-	692,164
Debenture											
Debenture Proceeds	932,299	-	-	-	-	-	-	-	-	-	932,299
Debenture Proceeds DC	73	207,225	172,893	183,754	103,726	49,691	21,491	23,646	555,201	-	702,499
Debenture Proceeds User Rate	-	23,317	37,787	40,731	23,705	13,478	2,098	-	117,799	-	141,116
Sub Total Debenture	932,372	230,542	210,680	224,485	127,431	63,169	23,589	23,646	673,000	-	1,835,914
Total Financing Sources	1,406,568	269,413	302,730	277,620	150,407	72,220	25,320	23,800	852,097	-	2,528,078

2014 Capital Budget Wastewater - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debiture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	115,654	-	-	17,827	-	-	-	97,827
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	10,566	-	-	10,566	-	-	-	-
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	9,300	-	-	8,382	-	-	-	918
72410	Temp Flow Control System on YDSS	336	-	-	336	-	-	-	-
72530	Duffin Creek Stage 1 & 2 Upgrades	221,166	-	-	176,933	-	-	-	44,233
73640	Inflow & Infiltration Reduction	7,200	-	-	7,200	-	-	-	-
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	5,300	-	-	4,758	-	-	-	542
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason - Woodbine)	1,969	-	-	1,969	-	-	-	-
74040	York Durham Sewage System (YDSS) Southeast Collector	174,913	-	-	174,913	-	-	-	-
74270	Upper York Sewage Solutions	84,400	-	-	84,400	-	-	-	-
75300	West Vaughan Sewage Servicing	29,778	-	-	29,778	-	-	-	-
75310	East Vaughan Wastewater Servicing	2,592	-	-	2,592	-	-	-	-
75320	Primary Trunk Sewer Study	10,940	-	-	9,846	-	-	-	1,094
75330	Green Lane Sewer Diversion	6,873	-	-	6,873	-	-	-	-
75350	Sharon Trunk Sewer	15,032	-	-	-	-	-	-	15,032
75360	Upper York YDSS Improvements	12,800	-	-	12,800	-	-	-	-
75380	Wastewater Model Calibration	110	-	-	-	-	-	110	-
75570	Existing Odour Control Facility (OCF) Modification Work	5,304	-	-	5,304	-	-	-	-
75640	Wastewater System Capacity Studies	30	-	-	-	30	-	-	-
75650	Wastewater Servicing - Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	206	-	-	206	-	-	-	-
75760	North Don Relief Sewer	14,180	-	-	14,180	-	-	-	-
75810	Humber PS Electrical Upgrade	2,420	-	-	2,420	-	-	-	-
75880	Humber Pump Station Relocation Expansion	30,000	-	-	30,000	-	-	-	-
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	1,000	-	-	500	-	-	500	-
78520	Wastewater General	7,396	-	-	7,396	-	-	-	-
78531	Pumping Wastewater	22,132	-	-	22,132	-	-	-	-

2014 Capital Budget Wastewater - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
78533	Wastewater Treatment	1,494	-	-	-	-	-	1,494	-
78534	Meter Chamber Wastewater	1,154	-	-	538	-	-	616	-
78536	Trunk Sewer	11,389	-	-	4,888	-	-	6,501	-
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	3,346	-	-	1,673	-	-	1,673	-
78573	Technology Integration Wastewater	333	-	-	167	-	-	166	-
78574	Technology Development & Implementation Wastewater	1,224	-	-	612	-	-	612	-
78582	Wastewater Asset Management	2,895	-	-	275	-	-	2,620	-
78584	Duffin Creek WPCP Assets	210	-	-	-	-	-	210	-
79100	YDSS Wastewater Master Plan Update	1,865	-	-	-	1,865	-	-	-
79470	Wastewater Conservation Authority (C A) Joint Initiative	1,660	-	-	-	-	-	1,660	-
79740	Peel System Cost Shared Works	10,727	-	-	10,727	-	-	-	-
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	2,788	-	-	1,394	-	-	1,394	-
79890	York Durham Sewage System (YDSS) - Leslie Pumping Station (PS) Upgrade	21,415	-	-	21,415	-	-	-	-
Total Rate Supported		852,097	-	-	673,000	1,895	-	17,556	159,646

2014 Capital Budget Wastewater - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
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Program Group: Growth

Gross Expenditures

70340	Aurora Sewage Equalization Tank	17,425	-	-	-	-	-	-	-	-	17,425
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	13,162	21,211	37,280	16,090	-	-	-	115,654	-	150,027
71230	Holland Landing Lagoons Decommissioning	14	-	-	-	-	-	500	500	-	514
72230	Joe Dales Force mains & Pumping Station (PS) Upgrades	20,743	3	-	-	-	-	-	-	-	20,746
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	68,244	17,861	8,510	350	-	-	-	10,566	-	96,671
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	1,283	895	7,800	-	-	-	-	9,300	148,030	159,508
72410	Temp Flow Control System on YDSS	2,546	134	-	-	-	-	-	336	-	3,016
72530	Duffin Creek Stage 1 & 2 Upgrades	15,174	30,684	68,820	69,120	40,140	6,090	-	221,166	-	267,024
72550	High Sireet Pump Station Expansion	-	-	-	-	-	110	1,880	1,990	-	1,990
73640	Inflow & Infiltration Reduction	12,606	1,100	3,500	3,660	2,700	2,700	13,500	28,800	-	42,506
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	576,285	39,300	1,000	-	-	-	-	5,300	-	620,885
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason - Woodbine)	97,365	1,763	270	-	-	-	-	1,969	-	101,097
74040	York Durham Sewage System (YDSS) Southeast Collector	268,562	120,062	45,740	35,890	980	-	-	174,913	-	563,537
74270	Upper York Sewage Solutions	17,985	6,897	18,500	6,300	112,500	100,500	169,000	418,800	109,000	552,682
75300	West Vaughan Sewage Servicing	2,730	669	14,010	88,000	88,000	22,020	-	214,778	-	218,177
75310	East Vaughan Wastewater Servicing	-	14	762	1,300	4,190	14,360	86,920	109,142	-	109,156
75320	Primary Trunk Sewer Study	41	-	10	560	4,130	4,130	82,340	91,740	107,340	199,121

2014 Capital Budget Wastewater - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
75330 Green Lane Sewer Diversion	96	87	4,153	2,720	-	-	-	-	6,873	-	7,056
75340 East Queensville Pumping Station (PS) and Forcemain	-	-	-	-	-	-	640	15,370	16,010	-	16,010
75350 Sharon Trunk Sewer	643	371	9,012	6,020	-	-	-	-	15,032	-	16,046
75360 Upper York YDSS Improvements	-	-	3,500	3,300	28,000	29,200	-	-	64,000	-	64,000
75640 Wastewater System Capacity Studies	14	30	30	30	30	30	30	150	300	-	344
75650 Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	153	201	206	-	-	300	1,330	24,980	26,816	-	27,170
75760 North Don Relief Sewer	80	3,199	10,020	4,160	-	-	-	-	14,180	-	17,459
75770 Leslie St PS Forcemain	-	-	-	-	-	-	-	160	160	7,630	7,790
75780 Duffin Creek Lab Expansion	-	-	-	-	-	-	1,000	4,000	5,000	-	5,000
75810 Humber PS Electrical Upgrade	-	-	1,000	1,420	-	-	-	-	2,420	-	2,420
75880 Humber Pump Station Relocation Expansion	-	-	3,000	22,000	5,000	-	-	-	30,000	-	30,000
77090 York Durham Sewage System (YDSS) Langstaff Trunk	38,491	-	-	-	-	-	-	-	-	-	38,491
77100 *YDSS Bathurst Collector (Phases 1 & 2)	57,349	-	-	-	-	-	-	-	-	-	57,349
77310 West Rainbow Trunk Sewer	12,501	-	-	-	-	-	-	-	-	-	12,501
77470 Kleinburg Water Pollution Control Plant (WPCP) Expansion/Extension of YDSS	23,202	24	-	-	-	-	-	-	-	-	23,226
79100 YDSS Wastewater Master Plan Update	1,497	85	615	1,020	230	-	90	1,960	3,915	-	5,497
79570 Sutton Water Pollution Control Plant (WPCP) Expansion	8,964	-	-	-	-	650	1,650	38,380	40,680	-	49,644
79740 Peel System Cost Shared Works	50,189	1,500	2,500	5,000	6,500	7,930	7,150	14,280	43,360	11,070	106,119
79890 York Durham Sewage System (YDSS) - Leslie Pumping Station (PS) Upgrade	4,415	5,846	11,825	8,510	990	50	40	-	21,415	-	31,676
Total	1,311,759	251,936	265,245	261,470	262,340	290,800	161,840	453,420	1,695,115	383,070	3,641,880
Financing Sources											
Development Charges	106,033	142	645	1,050	260	30	120	2,110	4,215	-	110,390

2014 Capital Budget Wastewater - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Other Recoveries	74,093	21,582	71,296	33,518	8,045	-	-	500	113,359	-	209,034
Reserves	3,409	-	-	-	-	-	-	-	-	-	3,409
User Rates	17,202	-	-	-	-	-	-	-	-	-	17,202
Sub Total Regional	200,737	21,724	71,941	34,568	8,305	30	120	2,610	117,574	-	340,035
Federal Funding	26,985	-	-	-	-	-	-	-	-	-	26,985
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	29,767
Other Recoveries	121,893	10,160	7,978	14,702	13,881	8,441	1,631	8,234	54,867	25,537	212,457
Sub Total External	178,645	10,160	7,978	14,702	13,881	8,441	1,631	8,234	54,867	25,537	269,209
Total Available Financing	379,382	31,884	79,919	49,270	22,186	8,471	1,751	10,844	172,441	25,537	609,244
Total Debtenture Requirements	932,377	220,052	185,326	212,200	240,154	282,329	160,089	442,576	1,522,674	357,533	3,032,636
Total Financing Sources	1,311,759	251,936	265,245	261,470	262,340	290,800	161,840	453,420	1,695,115	383,070	3,641,880

Program Group: Rehabilitation & Replacement

Gross Expenditures

73690	Capital Delivery Process Improvements - Wastewater	2,324	-	-	-	-	-	-	-	-	2,324
75380	Wastewater Model Calibration	186	-	100	-	100	100	300	610	100	896
75570	Existing Odour Control Facility (OCF) Modification Work	2,818	5,000	3,194	2,110	-	-	-	5,304	-	13,122
75820	Duffin Creek Reactor 1_2_Rehab	-	-	-	-	1,000	2,000	129,000	132,000	38,000	170,000
75830	SEC Rehab Primary Plan	-	-	-	1,000	5,000	21,750	5,000	54,500	-	54,500
75840	SEC Rahab Secondary Plan	-	-	-	1,000	5,000	13,000	5,000	37,000	-	37,000
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,888	200	200	200	200	200	1,450	2,450	-	5,538
78520	Wastewater General	12,089	3,222	3,886	3,990	7,520	1,000	-	16,396	-	31,707
78531	Pumping Wastewater	10,546	2,939	11,962	10,170	-	600	3,500	26,232	-	39,717
78532	Equalization Tank	-	-	-	-	-	100	2,900	3,000	-	3,000
78533	Wastewater Treatment	2,727	416	734	760	-	2,400	4,700	8,594	-	11,737

2014 Capital Budget Wastewater - Projects by Program Group

10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
78534 Meter Chamber Wastewater	106	277	294	450	2,780	2,630	-	40	6,194	-	6,577
78536 Trunk Sewer	6,369	938	6,569	14,430	18,400	20,090	15,200	27,410	102,099	-	109,406
78537 Trunk Forcemain	304	-	-	-	-	-	-	-	-	-	304
78538 Odour Control	2,118	-	-	-	-	-	-	-	-	-	2,118
78550 Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	68	298	1,526	1,980	1,470	1,570	90	-	6,636	-	7,002
78573 Technology Integration Wastewater	261	393	333	346	360	375	390	2,000	3,804	-	4,458
78574 Technology Development & Implementation Wastewater	677	1,179	1,224	1,273	1,324	1,377	1,432	6,500	13,130	-	14,986
78582 Wastewater Asset Management	429	1,264	2,895	3,009	2,864	2,774	2,219	8,567	22,328	-	24,021
78584 Duffin Creek WPCP Assets	143	100	210	255	275	430	270	2,555	3,995	-	4,238
79470 Wastewater Conservation Authority (C A) Joint Initiative	10,075	1,251	1,660	1,335	1,335	1,335	1,335	6,675	13,675	-	25,001
79580 Sanitary Sewer Inspection Program	1,364	-	-	-	-	-	-	-	-	-	1,364
79850 York Durham Sewage System (YDSS) Duffin Creek Minor Capital	39,317	-	2,788	2,788	2,788	2,788	2,788	13,940	27,880	-	67,197
Total	94,809	17,477	37,485	45,196	49,316	70,419	63,874	219,537	485,827	38,100	636,213
Financing Sources											
Development Charges	369	-	-	-	-	-	-	-	-	-	369
Reserves	49,357	-	-	-	-	-	-	-	-	-	49,357
User Rates	44,506	6,987	12,131	16,475	20,463	21,476	14,897	46,606	132,048	100	183,641
Sub Total Regional	94,232	6,987	12,131	16,475	20,463	21,476	14,897	46,606	132,048	100	233,367
Federal Funding	10	-	-	-	-	-	-	-	-	-	10
Other Recoveries	572	-	-	-	262	262	524	33,798	34,584	9,956	45,112
Sub Total External	582	-	-	-	262	262	524	33,798	34,584	9,956	45,122
Total Available Financing	94,814	6,987	12,131	16,475	20,463	21,738	15,421	80,404	166,632	10,056	278,489
Total Debtenture Requirements	(5)	10,490	25,354	28,721	28,853	48,681	48,453	139,133	319,195	28,044	357,724
Total Financing Sources	94,809	17,477	37,485	45,196	49,316	70,419	63,874	219,537	485,827	38,100	636,213

2014 Capital Budget Wastewater - Total 10 Year Capital Expenditures (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	1,406,568	269,413	302,730	306,666	311,656	361,219	225,714	672,957	2,180,942	421,170	4,278,093
Regional											
Development Charges	106,402	142	645	1,050	260	30	120	2,110	4,215	-	110,759
Other Recoveries	74,093	21,582	71,296	33,518	8,045	-	-	500	113,359	-	209,034
Reserves	52,766	-	-	-	-	-	-	-	-	-	52,766
User Rates	61,708	6,987	12,131	16,475	20,463	21,476	14,897	46,606	132,048	100	200,843
Sub Total Regional	294,969	28,711	84,072	51,043	28,768	21,506	15,017	49,216	249,622	100	573,402
External											
Federal Funding	26,995	-	-	-	-	-	-	-	-	-	26,995
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	29,767
Other Recoveries	122,465	10,160	7,978	14,702	13,881	8,703	2,155	42,032	89,451	35,493	257,569
Sub Total External	179,227	10,160	7,978	14,702	13,881	8,703	2,155	42,032	89,451	35,493	314,331
Total Available Financing	474,196	38,871	92,050	65,745	42,649	30,209	17,172	91,248	339,073	35,593	887,733
Debenture											
Debenture Proceeds	932,299	-	-	-	-	-	-	-	-	-	932,299
Debenture Proceeds DC	73	207,225	172,893	189,554	217,479	269,161	158,091	442,576	1,449,754	357,533	2,014,585
Debenture Proceeds User Rate	-	23,317	37,787	51,367	51,528	61,849	50,451	139,133	392,115	28,044	443,476
Sub Total Debenture	932,372	230,542	210,680	240,921	269,007	331,010	208,542	581,709	1,841,869	385,577	3,390,360
Total Financing Sources	1,406,568	269,413	302,730	306,666	311,656	361,219	225,714	672,957	2,180,942	421,170	4,278,093

2014 Capital Budget Wastewater - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debateure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	115,654	-	-	17,827	-	-	-	97,827
71230	Holland Landing Lagoons Decommissioning	500	-	-	-	-	-	-	500
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	10,566	-	-	10,566	-	-	-	-
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	9,300	-	-	8,382	-	-	-	918
72410	Temp Flow Control System on YDSS	336	-	-	336	-	-	-	-
72530	Duffin Creek Stage 1 & 2 Upgrades	221,166	-	-	176,933	-	-	-	44,233
72550	High Street Pump Station Expansion	1,990	-	-	1,990	-	-	-	-
73640	Inflow & Infiltration Reduction	28,800	-	-	28,800	-	-	-	-
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	5,300	-	-	4,758	-	-	-	542
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason - Woodbine)	1,969	-	-	1,969	-	-	-	-
74040	York Durham Sewage System (YDSS) Southeast Collector	174,913	-	-	174,913	-	-	-	-
74270	Upper York Sewage Solutions	418,800	-	-	418,800	-	-	-	-
75300	West Vaughan Sewage Servicing	214,778	-	-	214,778	-	-	-	-
75310	East Vaughan Wastewater Servicing	109,142	-	-	109,142	-	-	-	-
75320	Primary Trunk Sewer Study	91,740	-	-	82,566	-	-	-	9,174
75330	Green Lane Sewer Diversion	6,873	-	-	6,873	-	-	-	-
75340	East Queensville Pumping Station (PS) and Forcemain	16,010	-	-	16,010	-	-	-	-
75350	Sharon Trunk Sewer	15,032	-	-	-	-	-	-	15,032
75360	Upper York YDSS Improvements	64,000	-	-	64,000	-	-	-	-
75380	Wastewater Model Calibration	610	-	-	-	-	-	610	-
75570	Existing Odour Control Facility (OCF) Modification Work	5,304	-	-	5,304	-	-	-	-
75640	Wastewater System Capacity Studies	300	-	-	-	300	-	-	-
75650	Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	26,816	-	-	26,816	-	-	-	-
75760	North Don Relief Sewer	14,180	-	-	14,180	-	-	-	-
75770	Leslie St PS Forcemain	160	-	-	160	-	-	-	-
75780	Duffin Creek Lab Expansion	5,000	-	-	5,000	-	-	-	-
75810	Humber PS Electrical Upgrade	2,420	-	-	2,420	-	-	-	-

2014 Capital Budget Wastewater - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Revenue Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
75820	Duffin Creek Reactor 1,2_Rehab	132,000	-	-	97,416	-	-	-	34,584
75830	SEC Rehab Primary Plan	54,500	-	-	54,500	-	-	-	-
75840	SEC Rehab Secondary Plan	37,000	-	-	37,000	-	-	-	-
75880	Humber Pump Station Relocation Expansion	30,000	-	-	30,000	-	-	-	-
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,450	-	-	1,225	-	-	1,225	-
78520	Wastewater General	16,396	-	-	16,396	-	-	-	-
78531	Pumping Wastewater	26,232	-	-	26,232	-	-	-	-
78532	Equalization Tank	3,000	-	-	1,500	-	-	1,500	-
78533	Wastewater Treatment	8,594	-	-	3,550	-	-	5,044	-
78534	Meter Chamber Wastewater	6,194	-	-	3,038	-	-	3,156	-
78536	Trunk Sewer	102,099	-	-	44,743	-	-	57,356	-
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	6,636	-	-	3,318	-	-	3,318	-
78573	Technology Integration Wastewater	3,804	-	-	1,903	-	-	1,901	-
78574	Technology Development & Implementation Wastewater	13,130	-	-	6,566	-	-	6,564	-
78582	Wastewater Asset Management	22,328	-	-	2,564	-	-	19,764	-
78584	Duffin Creek WPCP Assets	3,995	-	-	-	-	-	3,995	-
79100	YDSS Wastewater Master Plan Update	3,915	-	-	-	3,915	-	-	-
79470	Wastewater Conservation Authority (C A) Joint Initiative	13,675	-	-	-	-	-	13,675	-
79570	Sutton Water Pollution Control Plant (WPCP) Expansion	40,680	-	-	40,680	-	-	-	-
79740	Peel System Cost Shared Works	43,360	-	-	43,360	-	-	-	-
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	27,880	-	-	13,940	-	-	13,940	-
79890	York Durham Sewage System (YDSS) - Leslie Pumping Station (PS) Upgrade	21,415	-	-	21,415	-	-	-	-
Total Rate Supported		2,180,942	-	-	1,841,869	4,215	-	132,048	202,810

Capital Strategy

Shaping Our Future



The *SMART Living Solid Waste Master Plan* combines traditional approaches and innovative, community-driven programs to maximize long term benefits. The Plan strikes a balance between key capital investments in infrastructure and innovative, community-driven programs to maximize long term benefits. The *2011 to 2015 Strategic Plan* has identified 'Continue to Deliver and Sustain Critical Infrastructure' as one of the Strategic Priority areas. The Capital Strategy has assisted in prioritizing capital infrastructure projects to support managed growth, optimize community benefits and leverage capacity in existing infrastructure to complete the build-out of developing communities.

The strategy for the Community Environmental Centre network provides principles for further expansion. Smaller depot facilities may be considered as an alternative to full scale, capital intensive facilities in future network expansion dependent on serviced population and available land.

Leaf and yard waste processing continues to remain a contracted service. The Plan provides additional emphasis on backyard composting and linkages with the Long Term Water Conservation Strategy, such as grass-cycling to reduce water use, are projected to provide small reductions in tonnes of waste requiring management.

The Blue Box strategy includes a tip floor expansion and equipment upgrades at the Materials Recovery Facility.

The Source Separated Organics strategy provides principles for evaluation of technology when investigating the option of a York Region-Dufferin County partnership facility. Currently, sufficient contract capacity is available for this stream until 2017. In February 2013, Council authorized the development of a procurement strategy with \$16 million currently allocated in the Ten-Year Capital Plan for construction of a Source Separated Organics facility. Over the coming four years, a Region-owned Organics Facility will be built in partnership with Dufferin County.

Covanta and Algonquin Power energy from waste contracts provide stable, diverse services for residual waste management over the next decade. Use of energy from waste service providers is aligned with recommendations in the *SMART Living Solid Waste Master Plan* reflecting Council's preference for energy recovery over landfill disposal. Investment in over-sizing key components of the Durham York Energy Centre enables cost-effective capacity expansion to meet future disposal needs when required.

A Ten-Year Waste Management Capital Plan has been developed for the period from 2014 through 2023 with nearly \$73 million in capital expenditures forecast for this time period.

Ten-Year Plan Overview (2014 – 2023)

Investing \$73 million in Waste Management infrastructure over the next ten years

The Ten-Year Capital Plan focuses on construction of critical waste management infrastructure resulting in a robust waste management system that combines Regional ownership and secure external contracts. This approach is supported by research conducted through the York Region *SMART Living Solid Waste Master Plan*.

Major infrastructure to be constructed includes the Durham York Energy Centre, a source separated organics processing facility and expansion of the Community Environmental Centre network.

Implementation of the Ten-Year Capital Plan supports the Regional Strategic Plan objectives to continue to deliver and sustain critical infrastructure while managing the Region's finances prudently. Once established, new infrastructure will support the Region's diversion from landfill goal of 90% by 2016 and 100% by 2020 as outlined in the Regional Official Plan.

Highlights of the Ten-Year Waste Management Capital Plan include:

- \$22 million (or 30% of capital plan) for expansion of the community environmental centre network to increase service availability to residents of York Region
- \$19 million (or 26% of capital plan) for completion of the Durham York Energy Centre
- \$16 million (or 22% of capital plan) to fund initial phases of York Region's Source Separated Organics facilities
- \$9 million (or 12% of capital plan) directed to upgrade and maintain existing waste management facilities
- \$5 million (or 7% of capital plan) for relocating Markham Household Hazardous Waste Facility

Key Initiatives

The following key initiatives are essential to carry out the Waste Management Capital Strategy:

Investing \$18.6 million in the Durham York Energy Centre

- Environmental Assessment for the Durham York Energy Centre was approved in November 2010 and Certificate of Approval for the facility was issued in June 2011
- York Region, in partnership with Durham Region and Covanta Energy, initiated construction of a state-of-the-art Energy From Waste Facility in 2012 with planned completion in late 2014
- York Region will retain 21% ownership of this facility which secures capacity for 30,000 tonnes of residual waste on an annual basis

Expansion of Community Environmental Centre network to collect Municipal Hazardous and Special Waste

- Addition of Municipal Hazardous or Special Waste weigh scales to McCleary Court and Elgin Mills Community Environmental Centres, at a cost of \$1.4 and \$1.0 million respectively, are planned for completion in 2015
- Retrofit of the Georgina Transfer Station into the Warden Avenue Community Environmental Centre is planned for 2016 at a cost of \$7.3 million with the goal of

improving site functionality and providing a consistent CEC experience throughout the Regional Community Environmental Centre network

- Potential need and siting of additional Community Environmental Centres capable of handling Municipal Hazardous or Special Waste, electronic waste, residual waste, yard waste, and recyclable materials dropped off by residents and/or small businesses is currently being reviewed under the *SMART Living Solid Waste Master Plan* with an anticipated facility completion in 2021 at a potential cost of \$12 million

Investing \$16.1 million towards a Source Separated Organics Facility

- In February 2013, Council authorized suspension of a Business Case submission to P3 Canada due to project costs and affordability concerns
- Staff are pursuing a Region-owned processing facility to build experience and understand technology effectiveness on the Region's source separated organics feedstock with the potential to expand in the future on the 14.5 hectare land parcel within the Dufferin Eco-Energy Park

\$1 million towards Waste Management Centre Improvements

- An application to the Continuous Improvement Fund was submitted in 2013 for funding to improve the mixed paper recovery line. Improvements to the mixed paper line will result in improved paper bale quality and adherence to increasingly stringent end market requirements.

\$5 million for relocation of the Markham Household Hazardous Waste Facility

- The Region's Markham HHW depot currently operates on a small parcel of land (0.75 acre) leased from the City of Markham as part of their Works yard at 555 Miller Avenue
- Since 2004, Waste Operations staff have identified that the size of the current depot does not meet current program needs
- In late 2012, York Region Realty Services staff indicated that a 10 acre parcel of land, 0.5 kilometres from the current depot location, would be available for purchase
- Environmental Services, in partnership with Transportation Services, are pursuing the purchase of this land. Council Authority will be sought in late 2013
- This parcel of land will enable improvements to how waste management services are currently delivered to residents in the Southeastern corner of the Region, and potentially expand the types of materials accepted

New Projects Added during the 2014 Budget Process

Two new projects were added through the 2014 budget process:

- Markham Household Hazardous Waste Facility Relocation (\$5 million): This relocation will allow for improved services to the residents in the Southeastern corner of the Region, and will potentially expand the types of materials being accepted
- Equipment Upgrades/Replacement at the Waste Management Centre (\$5.8 million): Project added upon recommendations from the Asset Management study

Long Term Outlook

Development of the Region's capital infrastructure is part of a long term strategy to secure reliable processing resources for diversion and disposal of materials to meet the Region's diversion goals. Regional ownership in Community Environmental Centres, a Source Separated Organics facility proposed at 75,000 tonnes capacity, and the Durham York Energy Centre with a 140,000 tonne capacity (York Region portion is 21%), are capital investments needed to achieve this goal. Increased funding will be required to complete these projects and meet the Region's expanding growth and diversion needs.

Waste Management has a Ten-Year Capital Plan totaling \$72.6 million required primarily for the Durham York Energy Centre, Waste Management Facility Upgrades, Georgina Transfer Station renovation, the Markham HHW relocation and construction of a Region-owned Organics Facility. A summary of the major capital projects planned with anticipated completion dates and projected expenditures over these ten years is provided as follows:

- 2014 Durham York Energy Centre (\$18.6 million)
- 2015 Addition of MHSW Collection and scales to Elgin Mills Community Environmental Centre and to McCleary Court Community Environmental Centre (\$2.4 million)
- 2015 Markham HHW Relocation – to move facility in 2015 (\$5.0 million)
- 2016 Georgina Transfer Station renovation to Warden Avenue Community Environmental Centre (\$7.3 million)
- 2016 Source Separated Organics Processing Facility (\$16.1 million)
- 2021 Community Environmental Centre #4 (\$12.0 million)

Net Operating Impact of New Capital Projects

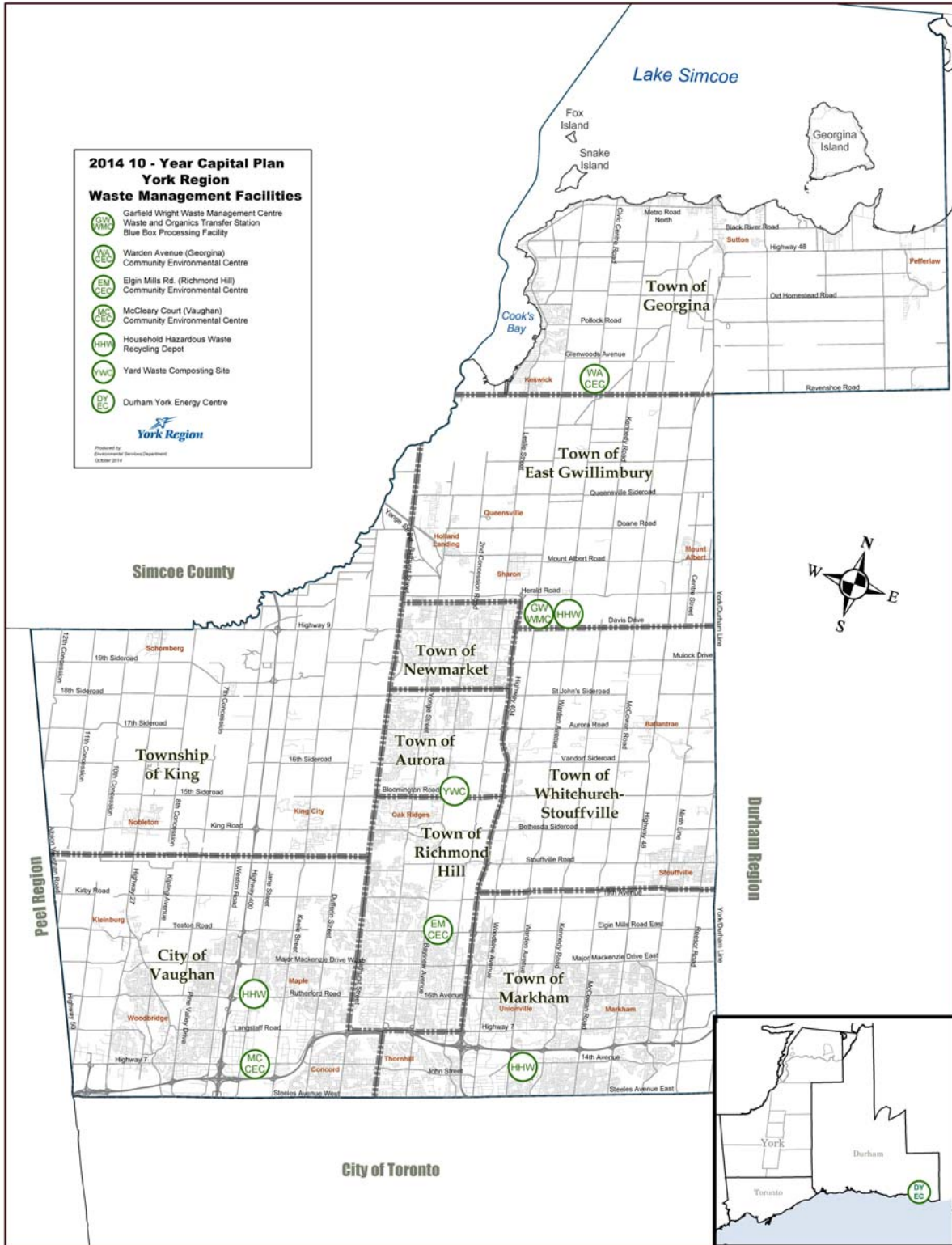
Additional staffing and funding resources will be required to operate and maintain new facilities that will be coming online during the ten years of the capital plan. Major infrastructure to be constructed during this period is summarized below:

Year	Community Environmental Centres/Depots	Energy Centres	Source Separated Organics Facilities
2014	-	1	-
2015	1	-	-
2016	1	-	1
2017	-	-	-
2018	-	-	-
2019	-	-	-
2020	-	-	-
2021	1	-	-
2022	-	-	-
2023	-	-	-
Total	3	1	1

Waste Management Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	140	15
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	232	241	496	19	20	1,869
General Expenses	-	-	-	-	-	-
Financing Costs	-	1,443	1,144	274	(1)	1,048
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	232	1,684	1,640	294	159	2,931
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	62
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	62
Net Operating Impact	232	1,684	1,640	294	159	2,870

Appendix

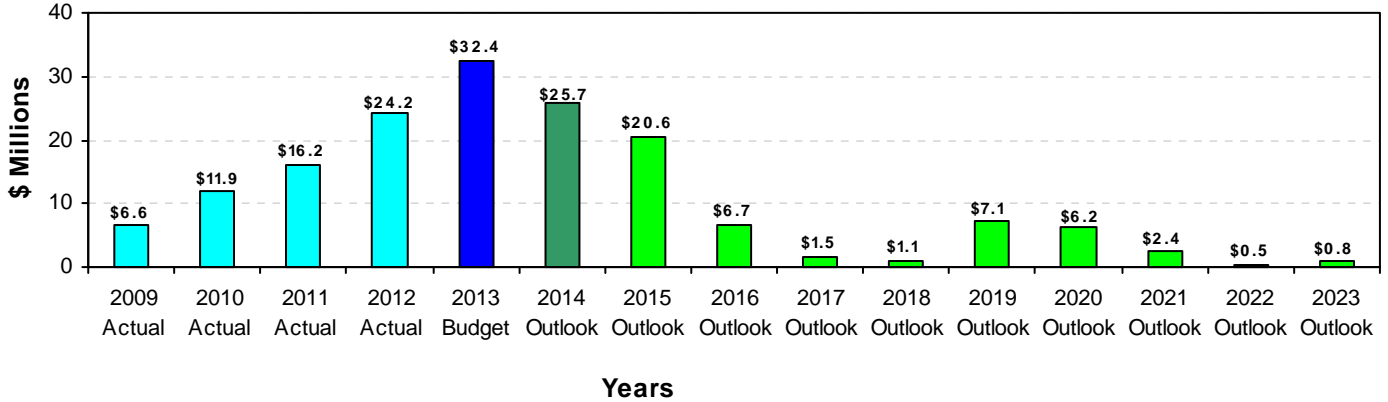


Capital Summary

\$000's	2013 Budget	2014 Budget	2014-2023 10 Year Outlook
GROSS EXPENDITURES			
Tangible Capital Assets			
Replacement/Rehabilitation			
Community Environmental Centres	300	700	1,400
Equipment / Upgrade Replacement	120	5,100	12,995
Facility Upgrade - Waste Mgmt.	200	800	1,000
Total Replacement/Rehabilitation	620	6,600	15,395
Growth / Expansion			
Source Separated Organics Facilities	320	1,393	16,053
Durham York Energy Centre	29,843	16,712	18,622
Community Environmental Centres	577	727	20,252
Total Growth / Expansion	30,740	18,832	54,927
Improvements / Enhancement			
Material Recycling Facilities	1	0	103
Total Improvements / Enhancement	1	0	103
Total Tangible Capital Assets	31,361	25,432	70,425
Non - Tangible Capital Assets			
Replacement/Rehabilitation			
Solid Waste Assets	200	50	800
Total Replacement/Rehabilitation	200	50	800
Improvements / Enhancement			
Planning & Studies	811	200	1,400
Total Improvements / Enhancement	811	200	1,400
Total Non - Tangible Capital Assets	1,011	250	2,200
Total Replacement/Rehabilitation	820	6,650	16,195
Total Growth / Expansion	30,740	18,832	54,927
Total Improvements / Enhancements	812	200	1,503
TOTAL GROSS EXPENDITURES	32,372	25,682	72,625
FINANCING			
Reserves : General & Solid Waste	(2,313)	(7,577)	(25,950)
Reserves : Debt Reduction Fund	(4,506)	0	0
Debentures Requirements	(25,553)	(18,105)	(46,675)
TOTAL FINANCING	(32,372)	(25,682)	(72,625)
TAX LEVY - RESERVE	0	0	0

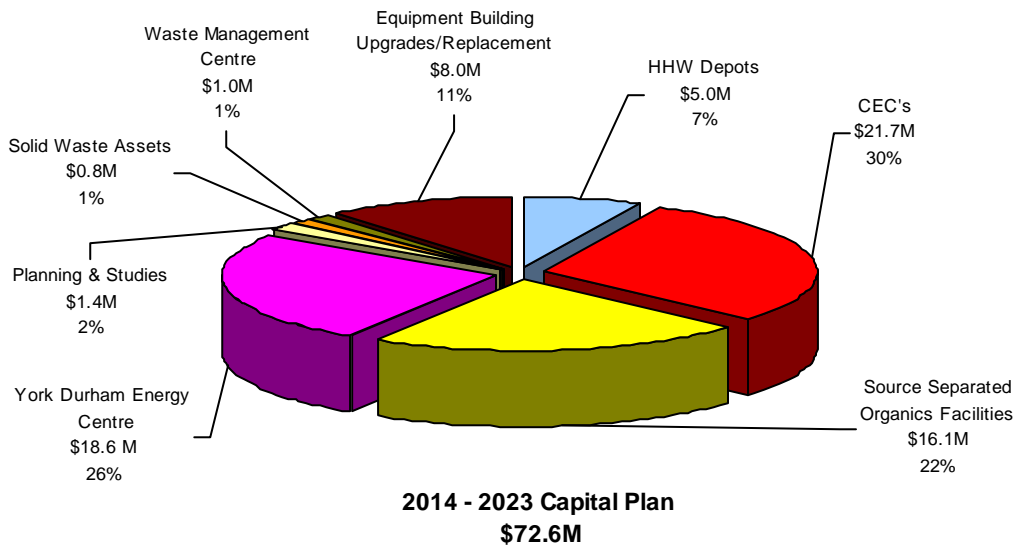
Capital Program Cost History

Waste Management



The Waste Management Centre, in East Gwillimbury, was commissioned in July 2005, with a blue box material recycling capacity of 90,000 tonnes per year. York Region’s first Community Environmental Centre was opened at McCleary Court, Vaughan in 2009 and a second site opened at Elgin Mills, Richmond Hill in 2011. Material recycling equipment upgrades at the Waste Management Centre were completed in 2011 which increased operating capacity up to 140,000 tonnes per year. The Durham York Energy Centre is expected to be operational in late 2014 with an annual total capacity of 140,000 tonnes, with York Region’s share of this total capacity being 30,000 tonnes annually.

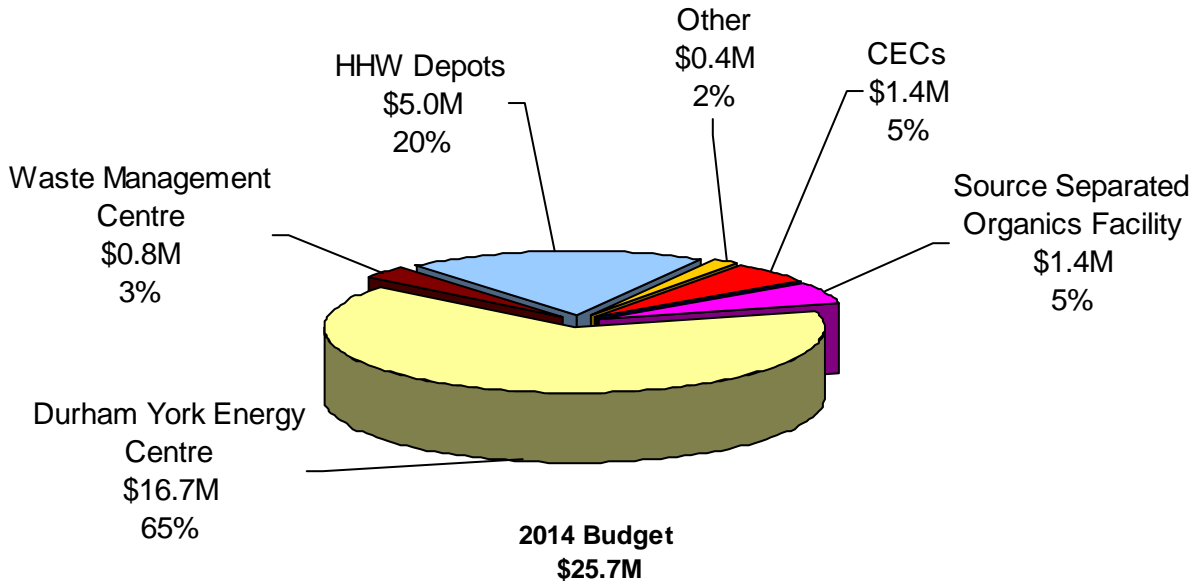
Ten-Year (2014 - 2023) – Forecast Expenditures by Project Type



The Ten-Year Capital Plan totals \$73 million, of which facility construction for diversion programs represents approximately 78% of capital plan.

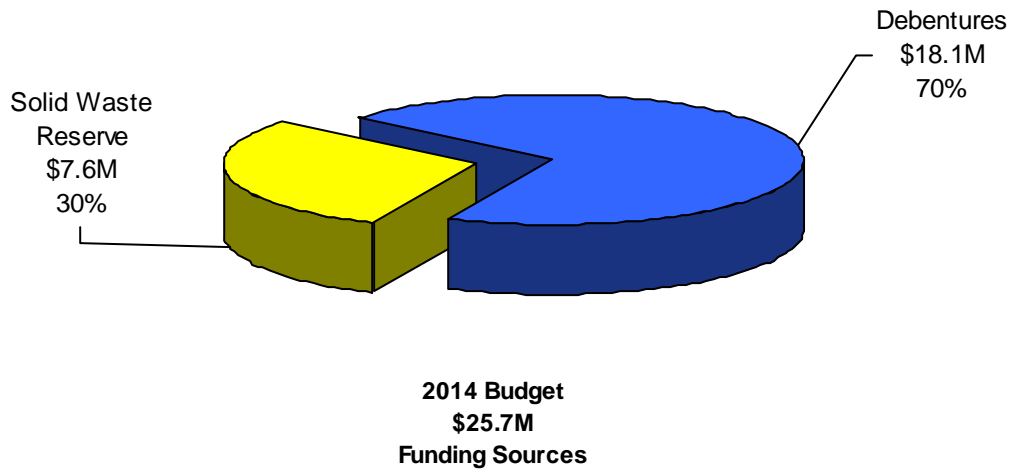
Waste Management

2014 Budget



Waste Management expenditures in 2014 total almost \$26 million, primarily due to the Durham York Energy Centre (\$17 million or 65%) and HHW Depot (\$5 million or 20%).

2014 Budget – Sources of Funding



2014 Waste Management capital expenditures total \$26 million and will be primarily funded from debentures (\$18 million) and Solid Waste Reserve (\$ 8 million).

2014 Capital Budget

Waste Management-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Growth							
Gross Expenditures							
71285: Community Environ. Ctr. - Georgia Transfer Stn #3	284	14	7,025	227	7,252	-	7,550
71325: Energy From Waste Facility	27,206	29,843	17,820	802	18,622	-	75,671
71335: Source Separated Organics Facility	784	1,401	1,820	14,233	16,053	-	18,238
72545: Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1	115	800	200	1,000	-	1,116
74235: Community Environ. Ctr. #4	-	-	-	-	-	12,000	12,000
76335: ISF Community Environ. Ctr - Elgin Mills Road	14,261	50	-	-	-	-	14,311
Total Gross Expenditures	42,536	31,423	27,465	15,462	42,927	12,000	128,886
Financing Sources							
Regional							
Current Tax Levy - Reserves	27,185	4,506	-	-	-	-	31,691
Reserves	8,851	25,649	7,825	427	8,252	-	42,752
Sub Total Regional	36,036	30,155	7,825	427	8,252	-	74,443
External							
Federal Funding	3,250	-	-	-	-	-	3,250
Provincial Funding	3,250	-	-	-	-	-	3,250
Sub Total External	6,500	-	-	-	-	-	6,500
Total Available Financing	42,536	30,155	7,825	427	8,252	-	80,943
Total Debenture Requirements	-	1,268	19,640	15,035	34,675	12,000	47,943
Total Financing Sources	42,536	31,423	27,465	15,462	42,927	12,000	128,886
Debtenture Proceeds Tax Levy	-	1,268	19,640	15,035	34,675	12,000	47,943

2014 Capital Budget

Waste Management-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Debenture Requirements	-	1,268	19,640	15,035	34,675	12,000	47,943

Rehabilitation & Replacement

Gross Expenditures

70195: Solid Waste Master Plan	1,122	474	-	-	-	1,000	2,596
71275: Facility Upgrade - Waste Mgmt Facility	323	200	7,890	(7,090)	800	200	1,523
71345: Material Recycling Fac. Landscaping & Interpretive Ctr.	39	-	103	(103)	-	103	142
71355: Equipment Building Upgrades	-	-	-	-	-	5,788	5,788
71365: Markham HHW Relocation	-	-	-	5,000	5,000	-	5,000
73455: Equipment Upgrades/Replacement - Public Drop - off	11	120	100	-	100	2,107	2,338
75585: ISF Equipment Upgrades	8,167	2	-	-	-	-	8,169
78583: Solid Waste Asset Management	91	200	100	(50)	50	750	1,091
79885: New Waste Management Initiatives	1,644	337	200	-	200	200	2,381
79935: Household Hazardous Waste Depot - Vaughan	1,518	115	1,200	200	1,400	-	3,033
Total Gross Expenditures	12,915	1,448	9,593	(2,043)	7,550	10,148	32,061

Financing Sources

Regional

Development Charges	7	-	-	-	-	-	7
Reserves	7,573	1,448	9,593	(2,043)	7,550	10,148	26,719
Sub Total Regional	7,580	1,448	9,593	(2,043)	7,550	10,148	26,726
External							
Federal Funding	2,533	-	-	-	-	-	2,533
Provincial Funding	2,533	-	-	-	-	-	2,533

2014 Capital Budget

Waste Management-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Other Recoveries	269	-	-	-	-	-	269
Sub Total External	5,335	-	-	-	-	-	5,335
Total Available Financing	12,915	1,448	9,593	(2,043)	7,550	10,148	32,061
Total Financing Sources	12,915	1,448	9,593	(2,043)	7,550	10,148	32,061

2014 Capital Budget

Waste Management-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Waste Management							
Growth	42,536	31,423	27,465	15,462	42,927	12,000	128,886
Rehabilitation & Replacement	12,915	1,448	9,593	(2,043)	7,550	10,148	32,061
Total Gross Expenditures	55,451	32,871	37,058	13,419	50,477	22,148	160,947
Regional							
Current Tax Levy - Reserves	27,185	4,506	0	0	0	0	31,691
Development Charges	7	0	0	0	0	0	7
Reserves	16,424	27,097	17,418	(1,616)	15,802	10,148	69,471
Sub Total Regional	43,616	31,603	17,418	(1,616)	15,802	10,148	101,169
External							
Federal Funding	5,783	-	-	-	-	-	5,783
Provincial Funding	5,783	-	-	-	-	-	5,783
Other Recoveries	269	-	-	-	-	-	269
Sub Total External	11,835	-	-	-	-	-	11,835
Total Available Financing	55,451	31,603	17,418	(1,616)	15,802	10,148	113,004
Total Debenture Requirements	-	1,268	19,640	15,035	34,675	12,000	47,943
Total Financing Sources	55,451	32,871	37,058	13,419	50,477	22,148	160,947
Debenture Proceeds Tax Levy	-	1,268	19,640	15,035	34,675	12,000	47,943
Total Debenture Requirements	-	1,268	19,640	15,035	34,675	12,000	47,943

2014 Capital Budget Waste Management - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec. 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost.
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Program Group: Growth

Gross Expenditures											
71285	Community Environ. Ctr. - Georgina Transfer Stn #3	284	14	227	5,000	2,025	-	-	7,252	-	7,550
71325	Energy From Waste Facility	27,206	29,843	16,712	1,910	-	-	-	18,622	-	75,671
71335	Source Separated Organics Facility	784	1,401	1,393	10,610	4,050	-	-	16,053	-	18,238
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1	115	500	500	-	-	-	1,000	-	1,116
76335	ISF Community Environ. Ctr - Elgin Mills Road	14,261	50	-	-	-	-	-	-	-	14,311
Total		42,536	31,423	18,832	18,020	6,075	-	-	42,927	-	116,886

Financing Sources

Current Tax Levy - Reserves	27,185	4,506	-	-	-	-	-	-	-	-	31,691
Reserves	8,851	25,649	727	5,500	2,025	-	-	-	8,252	-	42,752
Sub Total Regional	36,036	30,155	727	5,500	2,025	-	-	-	8,252	-	74,443
Federal Funding	3,250	-	-	-	-	-	-	-	-	-	3,250
Provincial Funding	3,250	-	-	-	-	-	-	-	-	-	3,250
Sub Total External	6,500	-	-	-	-	-	-	-	-	-	6,500
Total Available Financing	42,536	30,155	727	5,500	2,025	-	-	-	8,252	-	80,943
Total Debtenture Requirements	-	1,268	18,105	12,520	4,050	-	-	-	34,675	-	35,943
Total Financing Sources	42,536	31,423	18,832	18,020	6,075	-	-	-	42,927	-	116,886

Program Group: Rehabilitation & Replacement

Gross Expenditures											
70195	Solid Waste Master Plan	1,122	474	-	-	-	-	-	-	-	1,596
71275	Facility Upgrade - Waste Mgmt Facility	323	200	800	-	-	-	-	800	-	1,323
71345	Material Recycling Fac. Landscaping	39	-	-	-	-	-	-	-	-	39

**2014 Capital Budget
Waste Management - Projects by Program Group**
Capital Spending Authority
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
& Interpretive Ctr.											
71365 Markham HHW Relocation	-	-	5,000	-	-	-	-	-	5,000	-	5,000
73455 Equipment Upgrades/Replacement - Public Drop - off	11	120	100	-	-	-	-	-	100	-	231
75585 ISF Equipment Upgrades	8,167	2	-	-	-	-	-	-	-	-	8,169
78583 Solid Waste Asset Management	91	200	50	-	-	-	-	-	50	-	341
79885 New Waste Management Initiatives	1,644	337	200	-	-	-	-	-	200	-	2,181
79935 Household Hazardous Waste Depot - Vaughan	1,518	115	700	700	-	-	-	-	1,400	-	3,033
Total	12,915	1,448	6,850	700	700	-	-	-	7,550	-	21,913
Financing Sources											
Development Charges	7	-	-	-	-	-	-	-	-	-	7
Reserves	7,573	1,448	6,850	700	-	-	-	-	7,550	-	16,571
Sub Total Regional	7,580	1,448	6,850	700	-	-	-	-	7,550	-	16,578
Federal Funding	2,533	-	-	-	-	-	-	-	-	-	2,533
Provincial Funding	2,533	-	-	-	-	-	-	-	-	-	2,533
Other Recoveries	269	-	-	-	-	-	-	-	-	-	269
Sub Total External	5,335	-	-	-	-	-	-	-	-	-	5,335
Total Available Financing	12,915	1,448	6,850	700	700	-	-	-	7,550	-	21,913
Total Financing Sources	12,915	1,448	6,850	700	700	-	-	-	7,550	-	21,913

2014 Capital Budget Waste Management - Total Capital Spending Authority (In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	55,451	32,871	25,682	18,720	6,075	-	-	-	50,477	-	138,799
Regional											
Current Tax Levy - Reserves	27,185	4,506	-	-	-	-	-	-	-	-	31,691
Development Charges	7	-	-	-	-	-	-	-	-	-	7
Reserves	16,424	27,097	7,577	6,200	2,025	-	-	-	15,802	-	59,323
Sub Total Regional	43,616	31,603	7,577	6,200	2,025	-	-	-	15,802	-	91,021
External											
Federal Funding	5,783	-	-	-	-	-	-	-	-	-	5,783
Provincial Funding	5,783	-	-	-	-	-	-	-	-	-	5,783
Other Recoveries	269	-	-	-	-	-	-	-	-	-	269
Sub Total External	11,835	-	-	-	-	-	-	-	-	-	11,835
Total Available Financing	55,451	31,603	7,577	6,200	2,025	-	-	-	15,802	-	102,856
Debenture											
Debenture Proceeds Tax Levy	-	1,268	18,105	12,520	4,050	-	-	-	34,675	-	35,943
Sub Total Debenture	-	1,268	18,105	12,520	4,050	-	-	-	34,675	-	35,943
Total Financing Sources	55,451	32,871	25,682	18,720	6,075	-	-	-	50,477	-	138,799

2014 Capital Budget Waste Management - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
71275	Facility Upgrade - Waste Mgmt Facility	800	-	800	-	-	-	-	-
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	7,252	-	7,252	-	-	-	-	-
71325	Energy From Waste Facility	18,622	-	-	18,622	-	-	-	-
71335	Source Separated Organics Facility	16,053	-	-	16,053	-	-	-	-
71365	Markham HHW Relocation	5,000	-	5,000	-	-	-	-	-
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1,000	-	1,000	-	-	-	-	-
73455	Equipment Upgrades/Replacement - Public Drop - Off	100	-	100	-	-	-	-	-
78583	Solid Waste Asset Management	50	-	50	-	-	-	-	-
79885	New Waste Management Initiatives	200	-	200	-	-	-	-	-
79935	Household Hazardous Waste Depot - Vaughan	1,400	-	1,400	-	-	-	-	-
Total Tax Supported		50,477	-	15,802	34,675	-	-	-	-

**2014 Capital Budget
Waste Management - Projects by Program Group**
10 Year Capital Plan
(In \$000's)

Project	Spent to Date Dec. 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost.
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Program Group: Growth

Gross Expenditures											
71285	Community Environ. Ctr. - Georgina Transfer Stn #3	284	14	227	5,000	2,025	-	-	7,252	-	7,550
71325	Energy From Waste Facility	27,206	29,843	16,712	1,910	-	-	-	18,622	-	75,671
71335	Source Separated Organics Facility	784	1,401	1,393	10,610	4,050	-	-	16,053	-	18,238
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1	115	500	500	-	-	-	1,000	-	1,116
74235	Community Environ. Ctr. #4	-	-	-	-	-	350	11,650	12,000	-	12,000
76335	ISF Community Environ. Ctr - Elgin Mills Road	14,261	50	-	-	-	-	-	-	-	14,311
Total		42,536	31,423	18,832	18,020	6,075	-	350	54,927	-	128,886

Financing Sources

Current Tax Levy - Reserves	27,185	4,506	-	-	-	-	-	-	-	-	31,691
Reserves	8,851	25,649	727	5,500	2,025	-	-	-	8,252	-	42,752
Sub Total Regional	36,036	30,155	727	5,500	2,025	-	-	-	8,252	-	74,443
Federal Funding	3,250	-	-	-	-	-	-	-	-	-	3,250
Provincial Funding	3,250	-	-	-	-	-	-	-	-	-	3,250
Sub Total External	6,500	-	-	-	-	-	-	-	-	-	6,500
Total Available Financing	42,536	30,155	727	5,500	2,025	-	-	-	8,252	-	80,943
Total Debtenture Requirements	-	1,268	18,105	12,520	4,050	-	350	11,650	46,675	-	47,943
Total Financing Sources	42,536	31,423	18,832	18,020	6,075	-	350	11,650	54,927	-	128,886

Program Group: Rehabilitation & Replacement

Gross Expenditures

70195	Solid Waste Master Plan	1,122	474	-	-	-	250	500	1,000	-	2,596
71275	Facility Upgrade - Waste Mgmt Facility	323	200	800	200	-	-	-	1,000	-	1,523

**2014 Capital Budget
Waste Management - Projects by Program Group
10 Year Capital Plan
(In \$000's)**

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
71345 Material Recycling Fac. Landscaping & Interpretive Ctr.	39	-	-	103	-	-	-	-	103	-	142
71355 Equipment Building Upgrades	-	-	-	1,225	100	1,183	100	3,180	5,788	-	5,788
71365 Markham HHW Relocation	-	-	5,000	-	-	-	-	-	5,000	-	5,000
73455 Equipment Upgrades/Replacement - Public Drop - off	11	120	100	-	309	50	344	1,404	2,207	-	2,338
75585 ISF Equipment Upgrades	8,167	2	-	-	-	-	-	-	-	-	8,169
78583 Solid Waste Asset Management	91	200	50	150	200	50	50	300	800	-	1,091
79885 New Waste Management Initiatives	1,644	337	200	200	-	-	-	-	400	-	2,381
79935 Household Hazardous Waste Depot - Vaughan	1,518	115	700	700	-	-	-	-	1,400	-	3,033
Total	12,915	1,448	6,850	2,578	609	1,533	744	5,384	17,698	-	32,061
Financing Sources											
Development Charges	7	-	-	-	-	-	-	-	-	-	7
Reserves	7,573	1,448	6,850	2,578	609	1,533	744	5,384	17,698	-	26,719
Sub Total Regional	7,580	1,448	6,850	2,578	609	1,533	744	5,384	17,698	-	26,726
Federal Funding	2,533	-	-	-	-	-	-	-	-	-	2,533
Provincial Funding	2,533	-	-	-	-	-	-	-	-	-	2,533
Other Recoveries	269	-	-	-	-	-	-	-	-	-	269
Sub Total External	5,335	-	-	-	-	-	-	-	-	-	5,335
Total Available Financing	12,915	1,448	6,850	2,578	609	1,533	744	5,384	17,698	-	32,061
Total Financing Sources	12,915	1,448	6,850	2,578	609	1,533	744	5,384	17,698	-	32,061

2014 Capital Budget
Waste Management - Total 10 Year Capital Expenditures
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	55,451	32,871	25,682	20,598	6,684	1,533	1,094	17,034	72,625	-	160,947
Regional											
Current Tax Levy - Reserves	27,185	4,506	-	-	-	-	-	-	-	-	31,691
Development Charges	7	-	-	-	-	-	-	-	-	-	7
Reserves	16,424	27,097	7,577	8,078	2,634	1,533	744	5,384	25,950	-	69,471
Sub Total Regional	43,616	31,603	7,577	8,078	2,634	1,533	744	5,384	25,950	-	101,169
External											
Federal Funding	5,783	-	-	-	-	-	-	-	-	-	5,783
Provincial Funding	5,783	-	-	-	-	-	-	-	-	-	5,783
Other Recoveries	269	-	-	-	-	-	-	-	-	-	269
Sub Total External	11,835	-	-	-	-	-	-	-	-	-	11,835
Total Available Financing	55,451	31,603	7,577	8,078	2,634	1,533	744	5,384	25,950	-	113,004
Debenture											
Debenture Proceeds Tax Levy	-	1,268	18,105	12,520	4,050	-	350	11,650	46,675	-	47,943
Sub Total Debenture	-	1,268	18,105	12,520	4,050	-	350	11,650	46,675	-	47,943
Total Financing Sources	55,451	32,871	25,682	20,598	6,684	1,533	1,094	17,034	72,625	-	160,947

2014 Capital Budget Waste Management - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
70195	Solid Waste Master Plan	1,000	-	1,000	-	-	-	-	-
71275	Facility Upgrade - Waste Mgmt Facility	1,000	-	1,000	-	-	-	-	-
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	7,252	-	7,252	-	-	-	-	-
71325	Energy From Waste Facility	18,622	-	-	18,622	-	-	-	-
71335	Source Separated Organics Facility	16,053	-	-	16,053	-	-	-	-
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	103	-	103	-	-	-	-	-
71355	Equipment Building Upgrades	5,788	-	5,788	-	-	-	-	-
71365	Markham HHW Relocation	5,000	-	5,000	-	-	-	-	-
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1,000	-	1,000	-	-	-	-	-
73455	Equipment Upgrades/Replacement - Public Drop - Off	2,207	-	2,207	-	-	-	-	-
74235	Community Environ.Ctr. #4	12,000	-	-	12,000	-	-	-	-
78583	Solid Waste Asset Management	800	-	800	-	-	-	-	-
79885	New Waste Management Initiatives	400	-	400	-	-	-	-	-
79935	Household Hazardous Waste Depot - Vaughan	1,400	-	1,400	-	-	-	-	-
Total Tax Supported		72,625	-	25,950	46,675	-	-	-	-

Capital Strategy

Natural Heritage and Forestry is responsible for the sustainable management of the Region's 'Green Infrastructure'. Proper management ensures that our natural environment is protected and enhanced for the enjoyment of present and future generations. Key assets include the York Regional Forest (21 properties, 2,300 hectares) and the Region's Street Trees (approximately 36,000 assets in the inventory).

The *York Region Sustainability Strategy* provides a new approach to decision-making integrating the environment, economy and community. The approved strategy emphasizes engagement, monitoring and continuous improvement across all Regional business areas.

The 2014 Capital Strategy builds upon York Region's *Vision 2051* Guiding Principles, as well as the *York Region Sustainability Strategy*, with a mandate to plan and deliver a financially sustainable infrastructure program that promotes economic vitality, healthy communities and a sustainable natural environment.

A Ten-Year Natural Heritage and Forestry Capital Plan has been developed for the period from 2014 through 2023 with \$21.0 million in capital expenditures forecast for this time period.

Ten-Year Plan Overview (2014 – 2023)

Investing \$21.0 million in Natural Heritage and Forestry infrastructure over the next ten years

Natural Heritage and Forestry manages five Regional Programs that are integral to sustainable management of the Region's Green Infrastructure:

- Greening Strategy (Land Securement)
- York Regional Forest Management (building and property upgrades)
- Urban Forestry (Street Tree Program, Urban Forest Management Planning)
- Invasive Species Management (Emerald Ash Borer)
- Forestry Conservation By-Law Administration

Highlights of the projects within the Ten-Year Capital Plan for Natural Heritage and Forestry that contribute to the success of these programs include:

- \$9.6 million (or 46% of capital plan) to support Roads and Water/Wastewater capital delivery projects with planting over 1,500 street trees annually along Regional corridors
- Construction of the York Region Stewardship and Education Centre (\$3.1 million or 15% of capital plan)
- \$2.9 million (or 14% of capital plan) to replace street trees that were previously removed due to the eradication of the Emerald Ash Borer
- Implementing Green infrastructure projects through the Regional Greening Strategy (\$2.8 million or 13% of capital plan)
- \$2.5 million (or 12% of capital plan) is directed at York Regional Forest property upgrades such as fencing, signage, trails, and parking facilities

Key Initiatives

The following key initiatives are essential to carry out the Natural Heritage and Forestry Capital Strategy:

Investing \$12.4 million in growth-related green infrastructure

Over the next ten years, a total of \$12.4 million (or 59% of capital plan) will be allocated to support growth or green infrastructure expansion including the following:

- Tree Planting (\$9.6 million) - In 2001, the *Streetscaping Policy* was adopted resulting in planting of over 1,500 street trees each year along our roads. VivaNext will install 8,000 trees and thousands of perennial plants and shrubs over the next decade. The street tree inventory currently includes 36,000 trees. As urbanization of York Region continues, the number of street trees and their maintenance needs will grow. The Region will focus on life cycle replacement strategies through an investment in technologies that support long term asset management of this green infrastructure.
- Greening Initiative (\$2.8 million) - The Regional Official Plan forest cover target is 25%. The Greening Strategy works with partners to plant trees to increase forest cover to 25%. Forestry participates in land securement opportunities with its partners, Nature Conservancy of Canada, Oak Ridges Moraine Land Trust, Toronto and Region Conservation Authority (TRCA), Lake Simcoe Region Conservation Authority (LSRCA) and others, to acquire land and protect and enhance the Region's green infrastructure.

Investing \$5.7 million to ensure assets are in a state of good repair

Population growth and development present unique opportunities for urban forest management, focused restoration and environmental stewardship and education. \$5.7 million (or 27% of capital plan) is being allocated towards ensuring that Natural Heritage and Forestry assets are kept in a state of good repair such as the following:

- Replacement of York Regional Forest Stewardship and Education Centre (\$3.1 million) - Facilitates existing and forecasted environmental education programs, offsite meeting needs and forest operation requirements. Existing building is currently past its expected life span.
- Regional Forest Property Upgrades (\$2.5 million) – Existing and newly secured properties are required to be brought up to Regional standards for purposes of safety, access, aesthetics and the environment. Capital upgrades are required for parking facilities, access roads, lighting, fencing, signage, gates, trails, and reforestation. Region is committed to advancing the design and construction of a one kilometre fully accessible trail loop in York Forest every two years.
- Urban Forest Studies (\$0.1 million) - GTA wide partnership project with Toronto Regional Conservation Authority (TRCA) and local municipalities. Project will inventory and model functions, services and values of trees, shrubs and other green infrastructure. Continued implementation of Urban Forest Studies, in partnership with local municipalities, will quantify benefits provided by urban forests and provide insight to climate change adaptation.

Investing \$2.9 million towards Invasive Species Management

Forestry's primary invasive species concern is the Emerald Ash Borer as this is the primary invasive species which will kill all ash trees in York Region. Eradication of the Emerald Ash Borer is not possible however, implementation of the Emerald Ash Borer Management Plan will mitigate the impact of this pest on our street trees, forest assets, natural environment and our residents. The plan involves removal and replacement of existing ash street trees and public communication initiatives. Communications and technology transfer will help our residents manage their decisions around dealing with the Emerald Ash Borer.

New Projects Added to the 2014 Budget

No new projects have been added to the 2014 budget for the Ten-Year Capital Plan.

Long Term Outlook

Natural Heritage and Forestry has a Ten-Year Capital Plan totaling \$21.0 million. In addition to ongoing programs, the capital plan includes the Forestry Stewardship and Education Centre (construction to be complete in 2014).

Net Operating Impact of New Capital Projects

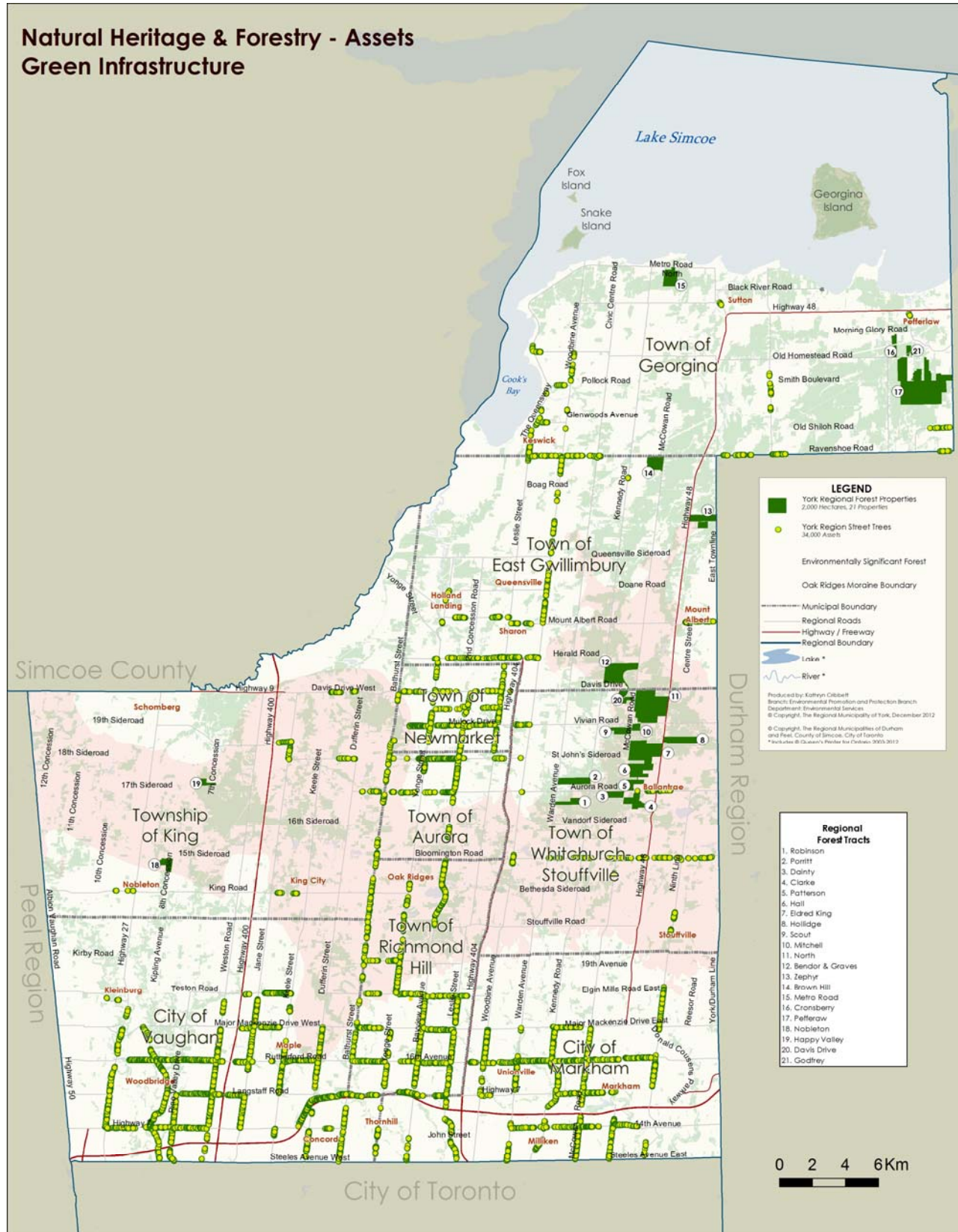
Each year, as the Region continues to plant trees (approximately 2,000 trees per year) and increase the inventory of Regional Street Trees, the currently outsourced contractual maintenance agreements for these trees will need to be amended to include the ever increasing Street Tree inventory. In addition, the replacement of Emerald Ash trees to combat the Emerald Ash Borer will also increase maintenance costs as tree replacement is on a greater than 1:1 basis. As such, the combined impact is expected to increase oversight and contractual costs by approximately \$4,000 each year.

Natural Heritage & Forestry

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	9	5	5	5	5	24
General Expenses	-	-	-	-	-	-
Financing Costs	-	-	-	-	-	-
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	40	-	-	-	-	-
Total Gross Cost	49	5	5	5	5	24
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Net Operating Impact	49	5	5	5	5	24

Appendix

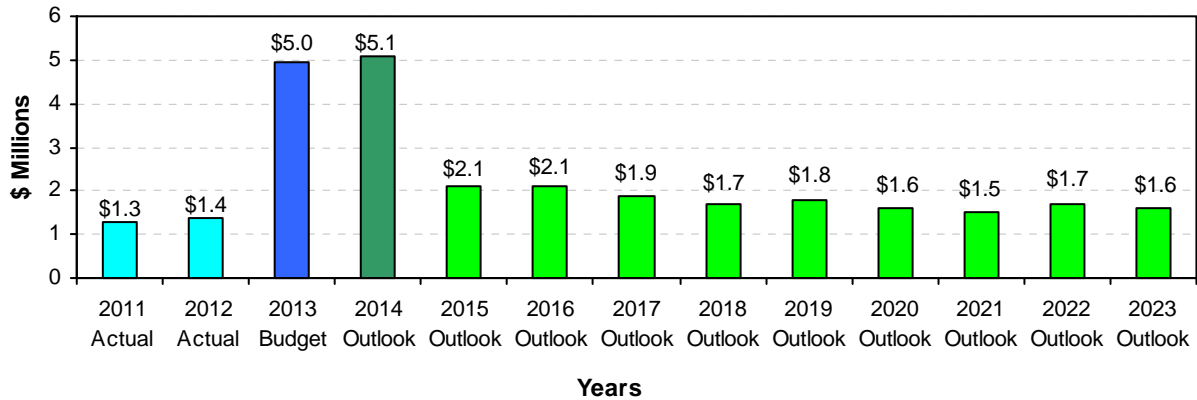


Capital Summary

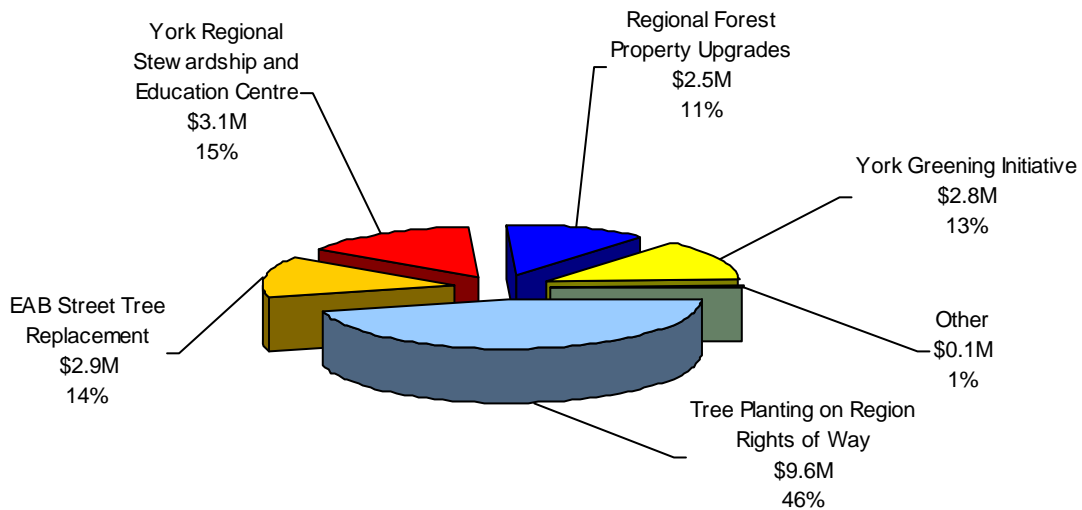
\$000's	2013 Budget	2014 Budget	2014-2023 10 Year Outlook
GROSS EXPENDITURES			
Tangible Capital Assets			
Replacement/Rehabilitation			
Stewardship and Education Centre	2,700	3,091	3,091
Total Replacement/Rehabilitation	2,700	3,091	3,091
Growth / Expansion			
Greening Initiative - Land Securement	200	280	2,800
Computer Maintenance Management System	115	0	0
Total Growth / Expansion	315	280	2,800
Improvements / Enhancement			
Regional Forest Property Upgrades	326	320	2,450
Total Improvements / Enhancement	326	320	2,450
Total Tangible Capital Assets	3,341	3,691	8,341
Non - Tangible Capital Assets			
Replacement/Rehabilitation			
Tree Planting on Region ROW	1,038	850	9,600
EAB Street Tree Replacement	271	535	2,899
Total Replacement/Rehabilitation	1,309	1,385	12,499
Growth / Expansion			
Peggy's Wood Nature Reserve	250	0	0
Urban Forest Studies	60	0	120
Total Growth / Expansion	310	0	120
Total Non - Tangible Capital Assets	1,619	1,385	12,619
Total Replacement/Rehabilitation	4,009	4,476	15,590
Total Growth / Expansion	625	280	2,920
Total Improvements / Enhancements	326	320	2,450
TOTAL GROSS EXPENDITURES	4,960	5,076	20,960
FINANCING			
Development Charge	(680)	(680)	(7,680)
Reserve: Land Securement	(1,800)	(2,571)	(5,091)
Reserve: Prior Year Tax Levy	(850)	(100)	(100)
Reserve: Facilities Rehab & Replacement	(700)	(700)	(700)
TOTAL FINANCING	(4,030)	(4,051)	(13,571)
TAX LEVY - RESERVE	930	1,025	7,389

Capital Program Cost History

Natural Heritage & Forestry



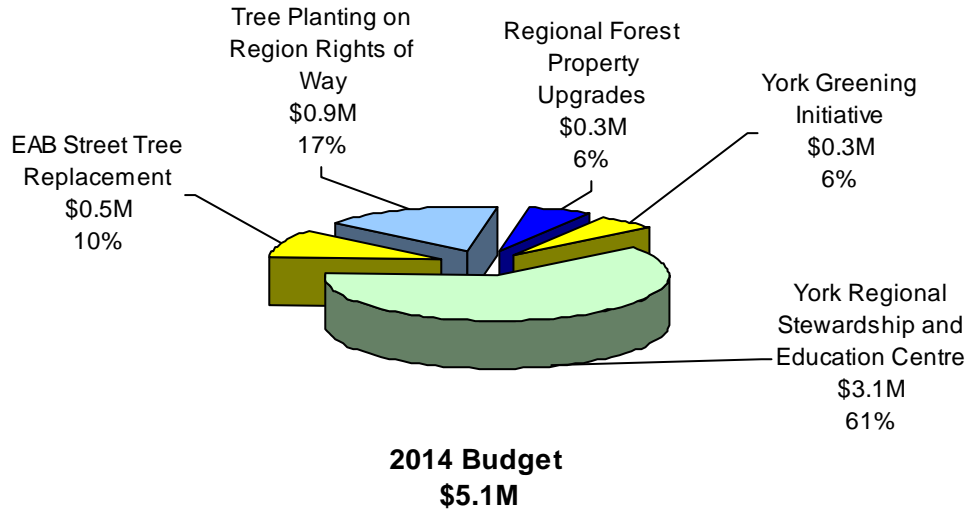
Ten-Year (2014-2023) – Forecast Expenditures by Project Types



2014 - 2023 Capital Plan
\$21.0M

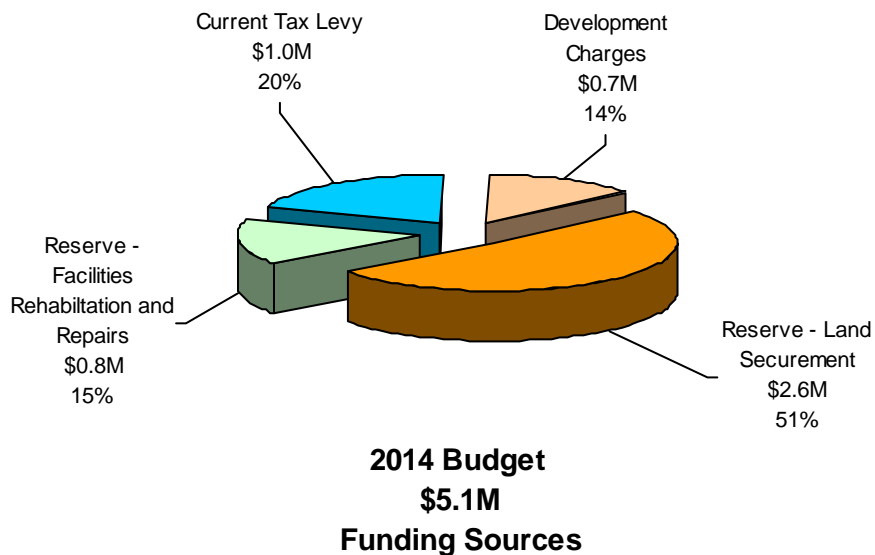
Tree Planting on Region Rights of Way and the Emerald Ash Borer Street Tree Replacement program represents approximately \$12.5 million (59%).

2014 Budget – Forecast Expenditures by Project Types



Natural Heritage and Forestry capital expenditures in 2014 total \$5.1 million of which \$3.1 million or 61% is for the York Regional Stewardship and Education Centre. A further 17% or \$0.9 million relates to Tree Planting on Region Rights of Way.

2014 Budget – Sources of Funding



Street Tree program is eligible for 80% funding through development charges or \$0.7 million in 2014. York Regional Forestry Stewardship and Education Centre will be funded through reserve (\$3.1 million). The Greening Initiative – Land Securement capital project is funded through the Land Securement Reserve (\$0.3 million). All other Natural Heritage and Forestry capital projects are funded through tax levy.

2014 Capital Budget

Natural Heritage & Forestry-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
72600: Tree Planting on Region Rights of Way	3,077	1,038	850	-	850	8,750	13,715
72610: York Greening Initiative - Land Securement	11,701	200	200	80	280	2,520	14,701
72620: Regional Forest Property Upgrade	590	226	220	100	320	2,130	3,266
72630: York Regional Forest Stewardship and Education Centre	140	300	691	2,400	3,091	-	3,531
72640: Peggy's Wood Nature Reserve	-	250	-	-	-	-	250
72650: Urban Forest Studies	50	50	-	-	-	120	220
72660: Computer Maintenance Management System	74	125	-	-	-	-	199
72670: E A B Street Tree Replacement	29	271	300	235	535	2,364	3,199
Total Gross Expenditures	15,661	2,460	2,261	2,815	5,076	15,884	39,081
Financing Sources							
Regional							
Current Tax Levy - Reserves	5,380	830	690	335	1,025	6,364	13,599
Development Charges	69	680	680	-	680	7,000	8,429
Other Recoveries	4	-	-	-	-	-	4
Reserves	9,926	950	891	2,480	3,371	2,520	16,767
Sub Total Regional	15,379	2,460	2,261	2,815	5,076	15,884	38,799
External							
Other Recoveries	282	-	-	-	-	-	282
Sub Total External	282	-	-	-	-	-	282
Total Available Financing	15,661	2,460	2,261	2,815	5,076	15,884	39,081
Total Financing Sources	15,661	2,460	2,261	2,815	5,076	15,884	39,081

**2014 Capital Budget
Natural Heritage & Forestry - Capital Spending Authority
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
72600 Tree Planting on Region Rights of Way	3,077	1,038	850	-	-	-	-	-	850	-	4,965
72610 York Greening Initiative - Land Securement	11,701	200	280	-	-	-	-	-	280	-	12,181
72620 Regional Forest Property Upgrade	590	226	320	-	-	-	-	-	320	-	1,136
72630 York Regional Forest Stewardship and Education Centre	140	300	3,091	-	-	-	-	-	3,091	-	3,531
72640 Peggy's Wood Nature Reserve	-	250	-	-	-	-	-	-	-	-	250
72650 Urban Forest Studies	50	50	-	-	-	-	-	-	-	-	100
72660 Computer Maintenance Management System	74	125	-	-	-	-	-	-	-	-	199
72670 E A B Street Tree Replacement	29	271	535	-	-	-	-	-	535	-	835
Total Gross Expenditures	15,661	2,460	5,076	-	-	-	-	-	5,076	-	23,197

**2014 Capital Budget
Natural Heritage & Forestry - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	5,380	830	1,025	-	-	-	-	-	1,025	-	7,235
Development Charges	69	680	680	-	-	-	-	-	680	-	1,429
Other Recoveries	4	-	-	-	-	-	-	-	-	-	4
Reserves	9,926	950	3,371	-	-	-	-	-	3,371	-	14,247
Sub Total Regional	15,379	2,460	5,076	-	-	-	-	-	5,076	-	22,915
External											
Other Recoveries	282	-	-	-	-	-	-	-	-	-	282
Sub Total External	282	-	-	-	-	-	-	-	-	-	282
Total Available Financing	15,661	2,460	5,076	-	-	-	-	-	5,076	-	23,197
Debenture											
Total Financing Sources	15,661	2,460	5,076	-	-	-	-	-	5,076	-	23,197

2014 Capital Budget Natural Heritage & Forestry - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
72600	Tree Planting on Region Rights of Way	850	170	-	-	680	-	-	-
72610	York Greening Initiative - Land Securement	280	-	280	-	-	-	-	-
72620	Regional Forest Property Upgrade	320	320	-	-	-	-	-	-
72630	York Regional Forest Stewardship and Education Centre	3,091	-	3,091	-	-	-	-	-
72670	E A B Street Tree Replacement	535	535	-	-	-	-	-	-
Total Tax Supported		5,076	1,025	3,371	-	680	-	-	-

**2014 Capital Budget
Natural Heritage & Forestry - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
72600	Tree Planting on Region Rights of Way	3,077	1,038	850	900	900	900	5,200	9,600	-	13,715
72610	York Greening Initiative - Land Securement	11,701	200	280	280	280	280	1,400	2,800	-	14,701
72620	Regional Forest Property Upgrade	590	226	220	270	220	220	1,200	2,450	-	3,266
72630	York Regional Forest Stewardship and Education Centre	140	300	-	-	-	-	-	3,091	-	3,531
72640	Peggy's Wood Nature Reserve	-	250	-	-	-	-	-	-	-	250
72650	Urban Forest Studies	50	50	60	60	-	-	-	120	-	220
72660	Computer Maintenance Management System	74	125	-	-	-	-	-	-	-	199
72670	E A B Street Tree Replacement	29	271	535	588	496	303	306	2,899	-	3,199
Total Gross Expenditures		15,661	2,460	5,076	2,081	1,896	1,703	8,106	20,960	-	39,081

**2014 Capital Budget
Natural Heritage & Forestry - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	5,380	830	1,025	1,121	1,098	896	703	2,546	7,389	-	13,599
Development Charges	69	680	680	680	720	720	720	4,160	7,680	-	8,429
Other Recoveries	4	-	-	-	-	-	-	-	-	-	4
Reserves	9,926	950	3,371	280	280	280	280	1,400	5,891	-	16,767
Sub Total Regional	15,379	2,460	5,076	2,081	2,098	1,896	1,703	8,106	20,960	-	38,799
External											
Other Recoveries	282	-	-	-	-	-	-	-	-	-	282
Sub Total External	282	-	-	-	-	-	-	-	-	-	282
Total Available Financing	15,661	2,460	5,076	2,081	2,098	1,896	1,703	8,106	20,960	-	39,081
Debenture											
Total Financing Sources	15,661	2,460	5,076	2,081	2,098	1,896	1,703	8,106	20,960	-	39,081

2014 Capital Budget Natural Heritage & Forestry - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
72600	Tree Planting on Region Rights of Way	9,600	1,920	-	-	7,680	-	-	-
72610	York Greening Initiative - Land Securement	2,800	-	2,800	-	-	-	-	-
72620	Regional Forest Property Upgrade	2,450	2,450	-	-	-	-	-	-
72630	York Regional Forest Stewardship and Education Centre	3,091	-	3,091	-	-	-	-	-
72650	Urban Forest Studies	120	120	-	-	-	-	-	-
72670	E A B Street Tree Replacement	2,899	2,899	-	-	-	-	-	-
Total Tax Supported		20,960	7,389	5,891	-	7,680	-	-	-

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Capital Strategy

Housing is a Regional priority. Vision 2051, the Region's long term plan, establishes a goal of "appropriate housing for all ages and stages." The Region's Official Plan includes an objective of "promoting an appropriate mix and range of acceptable housing to meet the needs of residents and workers." The Region's Human Services Planning Board identifies that a good mixture of safe and affordable housing is a key component to quality of life by contributing to an individual's sense of belonging, worth and security, and supports sustainable and complete communities.

To better establish and measure how Council's housing goals will be met, the Region has prepared a comprehensive ten year Housing and Homelessness Plan, as required by the *Housing Services Act, 2011*. The Region's Housing Plan identifies four goals and expected outcomes that set the direction of work to be done over the next ten years. The Plan's first goal of increasing the rental housing supply is supported by Housing Services by providing leadership to support the development of affordable rental housing through the ten year Capital Plan.

The capital forecast totals \$149.1 million over a ten year period. The capital plan continues to build on past successes of direct delivery of affordable rental units throughout the region. In 2013, an additional 140 units were added to the Region's rental housing market with the opening of Mackenzie Green in Richmond Hill, a new Housing York property.

For the 10 year period commencing 2014, the Region has current plans for developments in Richmond Hill, Georgina, Newmarket, and Vaughan which may add a total of 477 units to these communities.

Key Initiatives

Housing Services is involved in all aspects of direct capital delivery of new affordable rental units: participating in the purchase of land, securing funding, preparing project proformas, designing and planning developments, securing government approvals, retaining architects and contractors, overseeing construction, and facilitating rent-up.

Over the period 2014 to 2023, the Capital Plan provides for the completion of 477 units as outlined below.

Richmond Hill Housing and Community Hub, Richmond Hill: This York Region led development provides 202 units of affordable rental housing and various supports for at-risk youth. The development is ideally located along the Yonge Street corridor in close proximity to transit and services. The building will include emergency and transitional housing for youth, office space, a youth services hub, along with a social enterprise space. Council has approved the \$60.5 million project budget financed through Investing in Ontario funding (\$22.8 million), the Town of Richmond Hill (\$1 million) and the social housing and social assistance reserves (\$36.7 million). Construction is expected to commence in late 2013 with completion in early 2016.

Lakeside Residences, Keswick: Secured through a request for proposal call conducted in 2010, this six-storey building with 97 units is located at the corner of the Queensway South and Church Street in Keswick. Council has approved a capital budget of \$23.6 million funded by Investing in Ontario funds, Investing in Affordable Housing (IAH) rental housing funds and DC reserves.

Belinda's Place, Newmarket: This shelter will provide 9 transitional apartments and 28 emergency beds for homeless single women. The three-storey building will house common dining facilities, counselling services, community meeting space and space for additional community services. Council has approved \$9.6 million dollars funded from Investing in Ontario funds, IAH funding, and community contributions. Construction began in the fall of 2013 with project completion expected in early 2015.

Woodbridge Avenue, Vaughan: Planning is underway for the redevelopment of the two existing Housing York sites in Woodbridge to intensify the existing development and make more efficient use of operating funds and land resources by constructing approximately 150 affordable rental units. The new building will accommodate seniors, singles and families. Council approval of \$1.5 million has been secured to proceed with architectural services and planning approvals. The predevelopment work will position the site to be construction ready when federal, provincial or other sources of funding are made available in the future. A total budget of \$43.9 million is required to redevelop the site.

Predevelopment Studies: Housing services will undertake exploratory and feasibility studies to identify opportunities to increase the supply of affordable rental housing in conjunction with other regional uses and along transit nodes and corridors. A total of \$580K has been budgeted in 2014 for this work.

Long Term Outlook

Expenditures

The demand for rental accommodations will continue to increase due to population growth, demographic changes, and increases in low and moderate income households in the Region. At the local level, population growth and increasing cost for housing create pressure on the housing system as seen by the growing number of households on the Region's centralized waiting list for social housing. Among the challenges faced by the Region in addressing the demand are:

- expensive land costs;
- shortage of available land along centres and transit corridors;
- increasing construction costs;
- forecasted increases in borrowing rates.

In 2011, the federal and provincial governments announced IAH funding for the creation and repair of affordable housing for the years 2011 to 2015. The Region received over \$22 million to help address the needs of households on the social housing waiting list. In combination with Regional Investing in Ontario funding, the IAH program funding has provided the Region with the opportunity to build rental units with little or no debt financing and no direct impact on the regional tax levy for several of the capital projects.

The 2013 federal budget announced a commitment to extend the existing IAH program an additional five years. The province committed to working with the federal government to develop the program's extension. While the program details and funding allocations have not been finalized, the funds could be used to support the delivery of additional affordable rental units contemplated in this plan.

Housing Services

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	145	418	524	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	-	-	-	-	-
Financing Costs	-	135	548	158	625	247
Occupancy Costs	2,388	52	1,800	867	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	2,533	605	2,872	1,025	625	247
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	2,533	605	1,863	383	626	245
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	2,533	605	1,863	383	626	245
Net Operating Impact	-	-	1,009	642	(1)	2

2014 Capital Budget

Housing Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
67510: Pre - Development Costs	461	10	80	500	580	1,220	2,271
67875: Regeneration/Expansion of Existing Housing Facilities	-	-	-	-	-	38,319	38,319
67912: Vaughan Civic Centre (Mapleleaf)	15,382	200	-	-	-	-	15,582
67915: Dew Street	8,027	100	-	50	50	-	8,177
67916: Woodbridge Revlopment	30	800	-	790	790	42,321	43,941
67917: Essex, Richmond Hill (Mac Kenzie Green)	7,345	30,095	-	-	-	-	37,440
67918: Belinda's Place - Emergency Housing	799	2,450	2,170	4,181	6,351	-	9,600
67921: Lakeside Residences Keswick	1,026	10	-	22,546	22,546	-	23,582
67922: Richmond Hill Housing and Community Hub	6,914	2,715	55,600	(4,719)	50,881	-	60,510
Total Gross Expenditures	39,984	36,380	57,850	23,348	81,198	81,860	239,422
Financing Sources							
Regional							
Development Charges	-	1,389	-	1,886	1,886	-	3,275
Other Recoveries	9	-	-	-	-	-	9
Reserves	15,882	19,695	55,680	(2,485)	53,195	23,125	111,897
Sub Total Regional	15,891	21,084	55,680	(599)	55,081	23,125	115,181
External							
Federal Funding	8,247	4,728	-	-	-	19,545	32,520
Provincial Funding	6,127	4,738	1,670	12,160	13,830	19,545	44,240
Other Recoveries	-	-	500	1,500	2,000	-	2,000
Sub Total External	14,374	9,466	2,170	13,660	15,830	39,090	78,760
Total Available Financing	30,265	30,550	57,850	13,061	70,911	62,215	193,941
Total Debenture Requirements	9,719	5,830	-	10,287	10,287	19,645	45,481

2014 Capital Budget Housing Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Financing Sources	39,984	36,380	57,850	23,348	81,198	81,860	239,422
Region Of York Housing	-	5,830	-	-	-	15,238	21,068
Debenture Proceeds	9,719	-	-	-	-	-	9,719
Debenture Proceeds DC	-	-	-	10,287	10,287	4,407	14,694
Total Debenture Requirements	9,719	5,830	-	10,287	10,287	19,645	45,481

**2014 Capital Budget
Housing Services - Capital Spending Authority
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
67510 Pre - Development Costs	461	10	580	-	-	-	-	-	580	-	1,051
67912 Vaughan Civic Centre (Mapleglen)	15,382	200	-	-	-	-	-	-	-	-	15,582
67915 Dew Street	8,027	100	50	-	-	-	-	-	50	-	8,177
67916 Woodbridge Revelopment	30	800	790	-	-	-	-	-	790	-	1,620
67917 Essex, Richmond Hill (Mac Kenzie Green)	7,345	30,095	-	-	-	-	-	-	-	-	37,440
67918 Belinda's Place - Emergency Housing	799	2,450	5,351	1,000	-	-	-	-	6,351	-	9,600
67921 Lakeside Residences Keswick	1,026	10	22,546	-	-	-	-	-	22,546	-	23,582
67922 Richmond Hill Housing and Community Hub	6,914	2,715	35,447	10,287	5,147	-	-	-	50,881	-	60,510
Total Gross Expenditures	39,984	36,380	64,764	11,287	5,147	-	-	-	81,198	-	157,562

**2014 Capital Budget
Housing Services - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Development Charges	-	1,389	1,886	-	-	-	-	-	1,886	-	3,275
Other Recoveries	9	-	-	-	-	-	-	-	-	-	9
Reserves	15,882	19,695	48,048	-	5,147	-	-	-	53,195	-	88,772
Sub Total Regional	15,891	21,084	49,934	-	5,147	-	-	-	55,081	-	92,056
External											
Federal Funding	8,247	4,728	-	-	-	-	-	-	-	-	12,975
Provincial Funding	6,127	4,738	13,830	-	-	-	-	-	13,830	-	24,695
Other Recoveries	-	-	1,000	1,000	-	-	-	-	2,000	-	2,000
Sub Total External	14,374	9,466	14,830	1,000	-	-	-	-	15,830	-	39,670
Total Available Financing	30,265	30,550	64,764	1,000	5,147	-	-	-	70,911	-	131,726
Debenture											
Region Of York Housing	-	5,830	-	-	-	-	-	-	-	-	5,830
Debenture Proceeds	9,719	-	-	-	-	-	-	-	-	-	9,719
Debenture Proceeds DC	-	-	-	10,287	-	-	-	-	10,287	-	10,287
Sub Total Debenture	9,719	5,830	-	10,287	-	-	-	-	10,287	-	25,836
Total Financing Sources	39,984	36,380	64,764	11,287	5,147	-	-	-	81,198	-	157,562

2014 Capital Budget Housing Services - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
67510	Pre - Development Costs	580	-	580	-	-	-	-	-
67915	Dew Street	50	-	50	-	-	-	-	-
67916	Woodbridge Revelopment	790	-	790	-	-	-	-	-
67918	Belinda's Place - Emergency Housing	6,351	-	4,001	-	-	1,350	-	1,000
67921	Lakeside Residences Keswick	22,546	-	8,180	-	1,886	12,480	-	-
67922	Richmond Hill Housing and Community Hub	50,881	-	39,594	10,287	-	-	-	1,000
Total Tax Supported		81,198	-	53,195	10,287	1,886	13,830	-	2,000

**2014 Capital Budget
Housing Services - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
67510	461	10	580	580	80	80	80	400	1,800	-	2,271
67875	-	-	-	-	-	-	-	24,399	24,399	13,920	38,319
67912	15,382	200	-	-	-	-	-	-	-	-	15,582
67915	8,027	100	50	-	-	-	-	-	50	-	8,177
67916	30	800	790	500	28,602	13,219	-	-	43,111	-	43,941
67917	7,345	30,095	-	-	-	-	-	-	-	-	37,440
67918	799	2,450	5,351	1,000	-	-	-	-	6,351	-	9,600
67921	1,026	10	22,546	-	-	-	-	-	22,546	-	23,582
67922	6,914	2,715	35,447	10,287	5,147	-	-	-	50,881	-	60,510
Total Gross Expenditures	39,984	36,380	64,764	12,367	33,829	13,299	80	24,799	149,138	13,920	239,422

**2014 Capital Budget
Housing Services - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Development Charges	-	1,389	1,886	-	-	-	-	-	1,886	-	3,275
Other Recoveries	9	-	-	-	-	-	-	-	-	-	9
Reserves	15,882	19,695	48,048	1,080	15,817	1,814	80	6,181	73,020	3,300	111,897
Sub Total Regional	15,891	21,084	49,934	1,080	15,817	1,814	80	6,181	74,906	3,300	115,181
External											
Federal Funding	8,247	4,728	-	-	9,006	-	-	6,711	15,717	3,828	32,520
Provincial Funding	6,127	4,738	13,830	-	9,006	-	-	6,711	29,547	3,828	44,240
Other Recoveries	-	-	1,000	1,000	-	-	-	-	2,000	-	2,000
Sub Total External	14,374	9,466	14,830	1,000	18,012	-	-	13,422	47,264	7,656	78,760
Total Available Financing	30,265	30,550	64,764	2,080	33,829	1,814	80	19,603	122,170	10,956	193,941
Debenture											
Region Of York Housing	-	5,830	-	-	-	7,078	-	5,196	12,274	2,964	21,068
Debenture Proceeds	9,719	-	-	-	-	-	-	-	-	-	9,719
Debenture Proceeds DC	-	-	-	10,287	-	4,407	-	-	14,694	-	14,694
Sub Total Debenture	9,719	5,830	-	10,287	-	11,485	-	5,196	26,968	2,964	45,481
Total Financing Sources	39,984	36,380	64,764	12,367	33,829	13,299	80	24,799	149,138	13,920	239,422

2014 Capital Budget Housing Services - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
67510	Pre - Development Costs	1,800	-	1,800	-	-	-	-	-
67875	Regeneration/Expansion of Existing Housing Facilities	24,399	-	5,781	5,196	-	13,422	-	-
67915	Dew Street	50	-	50	-	-	-	-	-
67916	Woodbridge Revdevelopment	43,111	-	13,614	11,485	-	18,012	-	-
67918	Belinda's Place - Emergency Housing	6,351	-	4,001	-	-	1,350	-	1,000
67921	Lakeside Residences Keswick	22,546	-	8,180	-	1,886	12,480	-	-
67922	Richmond Hill Housing and Community Hub	50,881	-	39,594	10,287	-	-	-	1,000
Total Tax Supported		149,138	-	73,020	26,968	1,886	45,264	-	2,000

Capital Strategy

York Region owns and operates two long-term care homes, Newmarket Health Centre and Maple Health Centre. The operation of these facilities is guided primarily by provincial legislation, the *Long-Term Care Homes Act, 2007*. The primary cost drivers are equipment replacement to meet provincial requirements and general maintenance and rehabilitation to maintain a high standard of resident living and care.

Long-Term Care and Seniors Division (LTC) continues to focus on promoting the health, well-being, safety and independence of our clients and to be recognized as leaders in the development and delivery of long-term care and seniors programs through the provision of quality services.

Future development will focus on expanding this mandate, particularly in areas of the Region where service options are limited. Program expansion is subject to the availability of new and increased funding opportunities from the provincial government for both long-term care beds and community programs.

The Capital Strategy for the next ten years includes plans to:

- Replace systems and equipment in conjunction with life cycle planning.
- Modernize office and residential areas to meet corporate standards and create a home like atmosphere for residents.
- Ensure compliance with provincial legislation.
- Upgrade technology applications based on vendor support and newer systems.
- Incorporate the Department's asset management strategy into the Division strategy.

Key Initiatives

Long-Term Care has identified the following priorities for program expansion.

Clinical/Direct Care Major Equipment Replacement Plan

- LTC Homes are required to implement a replacement plan for the following equipment:
 - Institutional electric hi/lo health care beds (232 existing) – 10 year life cycle
 - Built-in resident ceiling lifts (185) – 7 year life cycle
 - Bathing facility lifts / slings (9) – 5 year life cycle
 - Portable lifts / slings (9) – 7 year life cycle
- Replacement of other operational equipment in both Homes on established life cycles, for example housekeeping and dietary equipment.
- Project timeline – \$368,000 in 2014 budget year

Long-Term Care Homes and Seniors Community Program Centres – Interior Decoration and Furnishings

- LTC is planning to develop, redesign and upgrade all resident interior space within the two Homes and also the Alternative Community Living and Adult Day Centre client space. This will include upgrading the furniture, interior decoration and staff lounges. This will improve the ambiance of the Homes and help create a home like atmosphere to meet the physical, emotional and psychological needs of the residents, and provide a comfortable and secure environment. For example, special considerations need to be given to surroundings for residents with dementia and mental health concerns.
- Capital costs totalling \$1,250,000 include:
 - LTC Homes interior decorations - \$1,000,000
 - Alternative Community Living units furnishings - \$100,000
 - Adult Day Centres client furnishings - \$150,000
- Project timeline – 2014-2016

LTC – Compliance with *LTC Homes Act, 2007* and Ontario Regulations 79/10

- With the passing of the Act in 2007 and associated Regulations on July 1, 2010, LTC staff identified a number of areas where the Region would be considered non-compliant if the Ministry was to inspect the homes. LTC staff have been working towards ensuring compliance with the Act and Regulations and there are a number of projects that require additional funding to ensure the Region is compliant.
- Based on a security consultant's review conducted in 2012, the Homes need to implement enhanced security features including closed circuit television digital recording devices, enhanced access entry/exit systems, and a number of improvements to the reception areas, elevators, lighting, windows, doors and equipment in both Homes to become compliant with legislation.
- Maple Health Centre does not have sprinklers in the office/administration areas, public areas, mechanical and electrical rooms or loading dock. Based on new code requirements, they have to be installed by January 1, 2018.

- Project planning and design commenced in 2013
- Project timeline and cost – 2014-2016 (\$3,900,000)

Conversion of Former Smoking Rooms

- Both Newmarket Health Centre and Maple Health Centre currently have self contained resident smoking rooms located within the living areas. To promote a smoke-free environment it is proposed to convert these rooms into resident activity rooms to allow for a healthier setting for the residents, staff, family members and visitors.
- Project timeline and cost – 2014 (\$100,000)

Program Space expansion - Maple Adult Day Centre

- Maple Adult Day Centre currently operates Day Programs within dedicated space in Maple Health Centre. Over 110 clients participate in day programs and services five days a week. An internal review by a consultant was conducted in March 2010 to identify improvements to the programs, including a review of the physical space. The consultant identified that the physical space is extremely crowded which may result as a safety issue for clients and a quality issue for the program.
- LTC completed some minor renovations in 2013 and plan to increase the program space by approximately 5,000 sq.ft. in 2015-2016.
- Project timeline and cost – 2015 Redesign (\$500,000) / 2016 Construction (\$1,500,000)

Resident Nurse Call System Upgrades

- Both Newmarket Health Centre and Maple Health Centre currently have an integrated nurse call system that allows for a two-way voice communication between nursing staff carrying portable phones and residents activating the call button from their respective bedside, washroom or from any lounge or dining room on the resident unit. As per legislative requirements, staff are required to respond verbally to a call within a certain length of time.
- The current systems were installed 10-12 years ago, and will no longer be supported by the manufacturer due to end of life cycle.
- Project timeline and cost – 2014 (\$500,000)

New Projects Added to the 2014 Budget Process

The following equipment and systems need to be replaced due to technology changes, high repair costs and/or life expectancy, and compliance requirements with the *Long-Term Care Homes Act, 2007* and Regulations.

Asset Management / Maintenance Software Upgrade

- Both Newmarket Health Centre and Maple Health Centre implemented a maintenance software module in 2002 to allow for inputting all work requests, work orders and to be able to operate a preventative maintenance system. The module also has a limited Asset Management system to track the Homes' assets and equipment.
- The software is over 11 years old and the vendor has stopped supporting or upgrading the system for the last 3 years.
- LTC needs to purchase new up-to-date Asset Management/Maintenance software to be able to meet legislative requirements relating to maintenance, and also to be able to track and report all assets to meet tangible capital asset requirements including amortization accountability.
- Budget costs include project management costs related to reviewing and inputting all assets and systems data.
- Project timeline and cost – 2014 (\$100,000)

Resident Activity rooms renovations / extension

- In 2013 LTC conducted a Programs and Services review at both Homes to measure compliance with the *Long-Term Care Act, 2007* and Ministry of Health and Long-Term Care standards.
- Recommendations include the need to modify the activity rooms to allow for more space for recreation program activities and better access for residents in wheelchairs and walkers. This will provide better access to the residents of the Homes to participate in recreational activities.
- Renovations and modifications are required to the current Resident Activity rooms in Newmarket Health Centre and Maple Health Centre.
- Project timeline and cost – 2014 (\$60,000)

Point of Care and Wireless Technology Upgrades

- LTC implemented Point of Care computer technology in 2010/11. Wall mounted dashboards and ruggedized tablets allow for real-time clinical and task-related routines. This tool allows staff to document more timely, accurately and completely at the point of care, while increasing the amount of time spent with residents.
- The work flow and documentation compliance has been very successful, and also complies with legislative requirements. The hardware has a three-year warranty and requires replacement.
- Both Newmarket Health Centre and Maple Health Centre have wireless technology installed and meet Corporate IT standards. This wireless technology allows for efficient use of laptops and tablets, especially using current systems such as electronic medication system and Point of Care documentation system.

- The wireless infrastructure including the replacement of access points in both Homes is required every five years.
- Project timeline – 2014 Point of Care tablets (\$65,000), Wireless access points (\$60,000)

Long-Term Outlook

Expenditures

An operational equipment and clinical / direct care major equipment replacement plan has been developed based on life cycle and life expectancy. LTC staff has been working towards ensuring compliance with the Act and Regulations and capital projects are underway to meet these requirements, including a major security and access control implementation in both Homes.

Technology upgrades are also required based on life cycles and vendor support of such software applications.

Net Operating Impact of New Capital Projects

Operating impacts include increases in debenture repayments related to tax levy debt issued for five and 20 year terms for maintenance and upgrade of facilities and technologies and space expansion at Maple Adult Day Centre.

Long Term Care Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	-	-	-	-	-
Financing Costs	8	205	369	578	613	1,844
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	8	205	369	578	613	1,844
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Net Operating Impact	8	205	369	578	613	1,844

2014 Capital Budget

Long Term Care-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
55244: Operational Equipment	882	165	165	-	165	1,485	2,697
55245: Resident Beds	902	203	203	-	203	1,827	3,135
59405: LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	36	100	2,900	(900)	2,000	1,900	4,036
59410: Office Standardization (Newmarket Health Centre/Maple Health Centre)	351	25	25	(25)	-	-	376
59415: LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	33	-	500	(250)	250	1,000	1,283
59420: Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	130	1,100	-	250	250	200	1,680
59430: Conversion of Former Smoking Rooms (Newmarket)	-	-	-	100	100	-	100
59445: Nurse Call System	-	-	500	-	500	-	500
59455: Technology Upgrade	-	-	-	125	125	255	380
59460: Renovations - Resident Activity Rooms	-	-	-	60	60	-	60
59465: Asset Management/Maintenance	-	-	-	100	100	-	100
59450: Adult Day Centre Expansion	-	100	-	-	-	2,000	2,100
Total Gross Expenditures	2,334	1,693	4,293	(540)	3,753	8,667	16,447
Financing Sources							
Regional							
Reserves	2,334	1,693	4,293	(1,425)	2,868	5,212	12,107
Sub Total Regional	2,334	1,693	4,293	(1,425)	2,868	5,212	12,107
External							
Total Available Financing	2,334	1,693	4,293	(1,425)	2,868	5,212	12,107
Total Debiture Requirements	-	-	-	885	885	3,455	4,340

2014 Capital Budget

Long Term Care-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Financing Sources	2,334	1,693	4,293	(540)	3,753	8,667	16,447
Debtenture Proceeds Tax Levy	-	-	-	885	885	3,455	4,340
Total Debtenture Requirements	-	-	-	885	885	3,455	4,340

2014 Capital Budget
Long Term Care - Capital Spending Authority
Gross Expenditures
(In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
55244	Operational Equipment	882	165	-	-	-	-	-	165	-	1,212
55245	Resident Beds	902	203	-	-	-	-	-	203	-	1,308
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	36	100	-	-	-	-	-	2,000	-	2,136
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	351	25	-	-	-	-	-	-	-	376
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	33	-	-	-	-	-	-	250	-	283
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	130	1,100	-	-	-	-	-	250	-	1,480
59430	Conversion of Former Smoking Rooms (Newmarket)	-	-	-	-	-	-	-	100	-	100
59445	Nurse Call System	-	-	-	-	-	-	-	500	-	500
59455	Technology Upgrade	-	125	-	-	-	-	-	125	-	125
59460	Renovations - Resident Activity Rooms	-	60	-	-	-	-	-	60	-	60
59465	Asset Management/Maintenance	-	100	-	-	-	-	-	100	-	100
59450	Adult Day Centre Expansion	-	100	-	-	-	-	-	-	-	100
Total Gross Expenditures		2,334	1,693	-	-	-	-	-	3,753	-	7,780

2014 Capital Budget
Long Term Care - Capital Spending Authority
Financing Sources (In \$000's)

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Reserves	2,334	1,693	2,868	-	-	-	-	-	2,868	-	6,895
Sub Total Regional	2,334	1,693	2,868	-	-	-	-	-	2,868	-	6,895
External											
Total Available Financing	2,334	1,693	2,868	-	-	-	-	-	2,868	-	6,895
Debtenture											
Debtenture Proceeds Tax Levy	-	-	885	-	-	-	-	-	885	-	885
Sub Total Debtenture	-	-	885	-	-	-	-	-	885	-	885
Total Financing Sources	2,334	1,693	3,753	-	-	-	-	-	3,753	-	7,780

2014 Capital Budget Long Term Care - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
55244	Operational Equipment	165	-	165	-	-	-	-	-
55245	Resident Beds	203	-	203	-	-	-	-	-
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	2,000	-	2,000	-	-	-	-	-
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	250	-	-	250	-	-	-	-
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	250	-	-	250	-	-	-	-
59430	Conversion of Former Smoking Rooms (Newmarket)	100	-	-	100	-	-	-	-
59445	Nurse Call System	500	-	500	-	-	-	-	-
59455	Technology Upgrade	125	-	-	125	-	-	-	-
59460	Renovations - Resident Activity Rooms	60	-	-	60	-	-	-	-
59465	Asset Management/Maintenance	100	-	-	100	-	-	-	-
Total Tax Supported		3,753	-	2,868	885	-	-	-	-

**2014 Capital Budget
Long Term Care - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
55244	Operational Equipment	882	165	165	165	165	165	825	1,650	-	2,697
55245	Resident Beds	902	203	203	203	203	203	1,015	2,030	-	3,135
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	36	100	900	1,000	-	-	-	3,900	-	4,036
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	351	25	-	-	-	-	-	-	-	376
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	33	-	500	500	-	-	-	1,250	-	1,283
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	130	1,100	-	-	100	-	100	450	-	1,680
59430	Conversion of Former Smoking Rooms (Newmarket)	-	-	-	-	-	-	-	100	-	100
59445	Nurse Call System	-	-	-	-	-	-	-	500	-	500
59455	Technology Upgrade	-	125	-	-	65	-	190	380	-	380
59460	Renovations - Resident Activity Rooms	-	60	-	-	-	-	-	60	-	60
59465	Asset Management/Maintenance	-	100	-	-	-	-	-	100	-	100
59450	Adult Day Centre Expansion	-	-	500	1,500	-	-	-	2,000	-	2,100
Total Gross Expenditures		2,334	1,693	2,268	3,368	533	368	2,130	12,420	-	16,447

**2014 Capital Budget
Long Term Care - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Reserves	2,334	1,693	2,868	1,268	1,368	368	368	1,840	8,080	-	12,107
Sub Total Regional	2,334	1,693	2,868	1,268	1,368	368	368	1,840	8,080	-	12,107
External											
Total Available Financing	2,334	1,693	2,868	1,268	1,368	368	368	1,840	8,080	-	12,107
Debtenture											
Debtenture Proceeds Tax Levy	-	-	885	1,000	2,000	165	-	290	4,340	-	4,340
Sub Total Debtenture	-	-	885	1,000	2,000	165	-	290	4,340	-	4,340
Total Financing Sources	2,334	1,693	3,753	2,268	3,368	533	368	2,130	12,420	-	16,447

2014 Capital Budget Long Term Care - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
55244	Operational Equipment	1,650	-	1,650	-	-	-	-	-
55245	Resident Beds	2,030	-	2,030	-	-	-	-	-
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	3,900	-	3,900	-	-	-	-	-
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	1,250	-	-	1,250	-	-	-	-
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	450	-	-	450	-	-	-	-
59430	Conversion of Former Smoking Rooms (Newmarket)	100	-	-	100	-	-	-	-
59445	Nurse Call System	500	-	500	-	-	-	-	-
59455	Technology Upgrade	380	-	-	380	-	-	-	-
59460	Renovations - Resident Activity Rooms	60	-	-	60	-	-	-	-
59465	Asset Management/Maintenance	100	-	-	100	-	-	-	-
59450	Adult Day Centre Expansion	2,000	-	-	2,000	-	-	-	-
Total Tax Supported		12,420	-	8,080	4,340	-	-	-	-

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Capital Strategy

The attached EMS Capital Plan and forecast totalling \$72.5 million between 2014 and 2023 is focused on the strategic positioning of Paramedic Response Stations and the replacement of medical equipment, technology, and vehicles based on their expected life cycle. The Capital Strategy is aligned with the York Region Emergency Medical Services 10-Year Resources and Facilities Master Plan, the Community and Health Services Multi-Year Plan, the 2011 - 2015 Strategic Plan, Vision 2051, and the legislation and regulations under the *Ambulance Act* of Ontario.

The strategic positioning of Paramedic Response Stations contributes to maintaining response time reliability and providing equitable emergency and mobile health services throughout York Region. The York Region EMS capital strategy focuses on improving existing or establishing Paramedic Response Stations in partnership with other Regional or municipal services, which is concurrent with growth in population and call demand. Where partnerships are not feasible, stand-alone stations will be built to address operational needs.

Additionally, past and proposed station replacements have increased the capacity for deploying future staffing enhancements to address population growth. For the most part, multiple garage-bay stations have been constructed to replace single-bay stations.

EMS maintains a fleet of ambulances, paramedic response unit vehicles and patient care equipment that meet the required Land Ambulance Certification Standards outlined in the *Ambulance Act*. York Region EMS replaces vehicles and equipment based on established life cycles.

This strategic direction is aligned to support the goals of Vision 2051, specifically responding to the needs of our residents, supporting safe and secure communities and continuing to provide and support high quality emergency services throughout York Region.

Key Initiatives

York Region EMS has identified the following capital projects from 2014 to 2023.

Paramedic Response Stations

Ambulances are required to be strategically located to optimize response reliability and ensure that service levels are closely aligned with service demands. Paramedic response stations directly assist in improving response reliability by positioning resources within close proximity to citizens in need.

In 2014, land acquisition, approvals and design activities related to the following projects are expected to begin

- Holland Landing paramedic response station – design activities \$70K
- Newmarket Northwest paramedic response station – design activities and land acquisition \$1.2M
- Newmarket Southeast paramedic response station – construction \$3.2M in 2014 and 2015
- Maple paramedic response station – land acquisition \$1M
- South Markham paramedic response station – land acquisition \$1M
- Richmond Hill Northeast paramedic response station – land acquisition \$750K
- Richmond Hill Southeast paramedic response station – land acquisition \$1.5M
- Thornhill paramedic response station – land acquisition \$2M
- South Woodbridge paramedic response station – land acquisition \$500K

In 2015, land acquisition, approvals and design activities related to the following projects are expected to begin

- Ballantrae paramedic response station – land acquisition \$200K
- Holland Landing paramedic response station – construction \$2.1M in 2015 and 2016
- Maple paramedic response station – construction \$2.1M
- South Woodbridge paramedic response station – construction \$1M
- Newmarket Northwest paramedic response station – construction \$3M in 2015 and 2016
- South Markham paramedic response station - \$2.1M in 2015 and 2016

Medical Equipment Replacement

EMS has developed a 10-year replacement strategy for non-disposable medical equipment and technology based on current recommended standards and best practices. The equipment due for replacement in 2014 (\$400K) and 2015 (\$450K) includes medical response bags, simulation mannequins, stair chairs and special operations trailers.

Vehicle Programs

Ambulances - new

To support the implementation of the Emergency Medical Services 10-Year Resources and Facilities Master Plan, the purchase of 11 additional ambulances are required by 2023, including two in 2014 (\$450K).

Ambulances - replacements

Purchase 13 replacement ambulance vehicles is required in 2014 (\$2M) based on the life cycle of the vehicles.

Rapid Response Units (RRU)

Purchase of two replacement RRU vehicles in 2014 (\$265K). EMS operations deployment plan has incorporated use of RRUs to augment ambulance vehicles in responding to calls for emergency service.

New Projects Added to the 2014 Budget Process

- EMS Response Station Renovations – refurbish and renovate various EMS stations to bring them up to current EMS standards (\$100K).
- Land acquisition – continuing acquisition of land to support the York Region Emergency Medical Services 10-Year Resources and Facilities Master Plan. The land budget has been removed from individual projects and combined into land-specific projects for the 2014 Budget (\$7.9M).
- Long term planning, Station Rebuilds – rebuild of King City and Sutton stations, as identified by the York Region Emergency Medical Services 10-Year Resources and Facilities Master Plan

Long Term Outlook

Expenditures

The 10-year Capital Plan projects the increase in service hours anticipated due to Regional growth, with the purchase of additional ambulance vehicles. Also, a 10-year vehicle, patient care equipment and mobile technology systems replacement plan has been developed. Paramedic Response Stations are also being proposed for construction based on the Emergency Medical Services 10-Year Resources and Facilities Master Plan.

Net Operating Impact of New Capital Projects

The net operating impact of new capital projects relates to construction and development of Paramedic Response Stations and the purchase of new emergency response vehicles.

In 2014, an additional 18 FTEs have been requested to increase the coverage, adding two 12-hour 7 days per week ambulances. In 2014, salaries and benefits have been included for the addition of 18 FTEs related to the acquisition of two new ambulances providing 12-hour coverage.

Similar FTE requirements are included in each of the outlook years associated with new ambulance purchases.

Key operating impacts include debenture payments, facilities-related utilities and maintenance costs, staffing costs and vehicle fuel and maintenance costs.

Emergency Medical Services Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	1,960	2,183	2,239	1,812	1,756	8,665
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	40	40	40	40	40	200
Financing Costs	134	828	634	220	129	525
Occupancy Costs	26	25	254	51	-	204
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	2,160	3,076	3,167	2,123	1,925	9,594
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	45	78	35	(2)	(18)	(140)
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	45	78	35	(2)	(18)	(140)
Net Operating Impact	2,115	2,998	3,132	2,125	1,943	9,734

2014 Capital Budget

Emergency Medical Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
54301: EMS Vehicles - New	821	250	450	-	450	2,025	3,546
54420: Holland Landing EMS Station	3	20	1,877	300	2,177	-	2,200
54490: Pefferlaw EMS Station	223	120	-	1,302	1,302	-	1,645
54510: Maple EMS Station	141	-	750	(700)	50	2,140	2,331
54520: EMS Vehicles - Replacement	16,349	3,112	2,758	(315)	2,443	23,633	45,537
54540: EMS Paramedics Defibrillators Replacement	1,759	-	-	-	-	4,200	5,959
54580: South Woodbridge EMS Station	3	-	1,534	(169)	1,365	-	1,368
54590: Markham Station - 280 Church	27	1,843	-	-	-	-	1,870
54600: Medical Equipment Replacement	621	965	400	-	400	5,865	7,851
54601: Richmond Hill S E EMS Station	-	-	750	(750)	-	2,330	2,330
54602: EMS Regional Radio Network	-	-	200	-	200	-	200
54610: Real Time Driver Feedback System	189	23	-	67	67	-	279
54625: EMS Security System Upgrade	294	396	-	-	-	-	690
54630: Multi - Patient Ambulance	-	1,000	-	-	-	-	1,000
54635: Ambulance Tail - Lift Retrofit	349	466	-	-	-	-	815
54638: EMS Land Acquisition - Growth	-	-	-	3,250	3,250	200	3,450
54639: EMS Land Acquisition - Rep	-	-	-	4,625	4,625	-	4,625
54640: Newmarket Northwest EMS Station	-	20	3,206	(3,131)	75	3,042	3,137
54645: Newmarket Southeast EMS Station	-	875	2,706	486	3,192	-	4,067
54650: South Markham EMS Station	-	-	750	(527)	223	2,107	2,330
54665: Oak Ridges EMS Station	-	-	325	(325)	-	1,368	1,368
54670: Ballantrae EMS Station	-	-	-	-	-	1,368	1,368
54675: Thornhill EMS Station	-	-	-	-	-	2,330	2,330

2014 Capital Budget

Emergency Medical Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
54695: In - Vehicle Computer Aided Dispatch (CAD) for EMS	-	100	-	200	200	-	300
54696: Rehab/Refresh of EMS Stations	-	-	-	100	100	1,800	1,900
Total Gross Expenditures	20,779	9,190	15,706	4,413	20,119	52,408	102,496
Financing Sources							
Regional							
Current Tax Levy - Reserves	17,279	3,019	2,823	(2,756)	67	-	20,365
Development Charges	665	214	385	20	405	1,823	3,107
Reserves	2,835	5,062	1,462	2,957	4,419	35,264	47,580
Sub Total Regional	20,779	8,295	4,670	221	4,891	37,087	71,052
External							
Total Available Financing	20,779	8,295	4,670	221	4,891	37,087	71,052
Total Debenture Requirements	-	895	11,036	4,192	15,228	15,321	31,444
Total Financing Sources	20,779	9,190	15,706	4,413	20,119	52,408	102,496
Debtenture Proceeds DC	-	-	3,519	2,004	5,523	5,766	11,289
Debtenture Proceeds Tax Levy	-	895	7,517	2,188	9,705	9,555	20,155
Total Debtenture Requirements	-	895	11,036	4,192	15,228	15,321	31,444

2014 Capital Budget
Emergency Medical Services - Capital Spending Authority
Gross Expenditures
(In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
54301 EMS Vehicles - New	821	250	450	-	-	-	-	-	450	-	1,521
54420 Holland Landing EMS Station	3	20	70	1,400	707	-	-	-	2,177	-	2,200
54490 Pefferlaw EMS Station	223	120	1,302	-	-	-	-	-	1,302	-	1,645
54510 Maple EMS Station	141	-	50	-	-	-	-	-	50	-	191
54520 EMS Vehicles - Replacement	16,349	3,112	2,443	-	-	-	-	-	2,443	-	21,904
54540 EMS Paramedics Defibrillators Replacement	1,759	-	-	-	-	-	-	-	-	-	1,759
54580 South Woodbridge EMS Station	3	-	318	1,047	-	-	-	-	1,365	-	1,368
54590 Markham Station - 280 Church	27	1,843	-	-	-	-	-	-	-	-	1,870
54600 Medical Equipment Replacement	621	965	400	-	-	-	-	-	400	-	1,986
54602 EMS Regional Radio Network	-	-	200	-	-	-	-	-	200	-	200
54610 Real Time Driver Feedback System	189	23	67	-	-	-	-	-	67	-	279
54625 EMS Security System Upgrade	294	396	-	-	-	-	-	-	-	-	690
54630 Multi - Patient Ambulance	-	1,000	-	-	-	-	-	-	-	-	1,000
54635 Ambulance Tail - Lift Retrofit	349	466	-	-	-	-	-	-	-	-	815
54638 EMS Land Acquisition - Growth	-	-	3,250	-	-	-	-	-	3,250	-	3,250
54639 EMS Land Acquisition - Rep	-	-	4,625	-	-	-	-	-	4,625	-	4,625
54640 Newmarket Northwest EMS Station	-	20	75	-	-	-	-	-	75	-	95
54645 Newmarket Southeast EMS Station	-	875	1,199	1,993	-	-	-	-	3,192	-	4,067
54650 South Markham EMS Station	-	-	223	-	-	-	-	-	223	-	223
54695 In - Vehicle Computer Aided Dispatch (CAD) for EMS	-	100	200	-	-	-	-	-	200	-	300
54696 Rehab/Refresh of EMS Stations	-	-	100	-	-	-	-	-	100	-	100
Total Gross Expenditures	20,779	9,190	14,972	4,440	707	-	-	-	20,119	-	50,088

**2014 Capital Budget
Emergency Medical Services - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	17,279	3,019	67	-	-	-	-	-	67	-	20,365
Development Charges	665	214	405	-	-	-	-	-	405	-	1,284
Reserves	2,835	5,062	3,815	604	-	-	-	-	4,419	-	12,316
Sub Total Regional	20,779	8,295	4,287	604	-	-	-	-	4,891	-	33,965
External											
Total Available Financing	20,779	8,295	4,287	604	-	-	-	-	4,891	-	33,965
Debenture											
Debenture Proceeds DC	-	-	3,577	1,528	418	-	-	-	5,523	-	5,523
Debenture Proceeds Tax Levy	-	895	7,108	2,308	289	-	-	-	9,705	-	10,600
Sub Total Debenture	-	895	10,685	3,836	707	-	-	-	15,228	-	16,123
Total Financing Sources	20,779	9,190	14,972	4,440	707	-	-	-	20,119	-	50,088

2014 Capital Budget Emergency Medical Services - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
54301	EMS Vehicles - New	450	-	45	-	405	-	-	-
54420	Holland Landing EMS Station	2,177	-	677	1,500	-	-	-	-
54490	Pefferlaw EMS Station	1,302	-	307	995	-	-	-	-
54510	Maple EMS Station	50	-	50	-	-	-	-	-
54520	EMS Vehicles - Replacement	2,443	-	2,443	-	-	-	-	-
54580	South Woodbridge EMS Station	1,365	-	(3)	1,368	-	-	-	-
54600	Medical Equipment Replacement	400	-	400	-	-	-	-	-
54602	EMS Regional Radio Network	200	-	200	-	-	-	-	-
54610	Real Time Driver Feedback System	67	67	-	-	-	-	-	-
54638	EMS Land Acquisition - Growth	3,250	-	-	3,250	-	-	-	-
54639	EMS Land Acquisition - Rep	4,625	-	-	4,625	-	-	-	-
54640	Newmarket Northwest EMS Station	75	-	-	75	-	-	-	-
54645	Newmarket Southeast EMS Station	3,192	-	-	3,192	-	-	-	-
54650	South Markham EMS Station	223	-	-	223	-	-	-	-
54695	In - Vehicle Computer Aided Dispatch (CAD) for EMS	200	-	200	-	-	-	-	-
54696	Rehab/Refresh of EMS Stations	100	-	100	-	-	-	-	-
Total Tax Supported		20,119	67	4,419	15,228	405	-	-	-

**2014 Capital Budget
Emergency Medical Services - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
54301 EMS Vehicles - New	821	250	450	225	450	-	450	900	2,475	-	3,546
54420 Holland Landing EMS Station	3	20	70	1,400	707	-	-	-	2,177	-	2,200
54490 Pefferlaw EMS Station	223	120	1,302	-	-	-	-	-	1,302	-	1,645
54510 Maple EMS Station	141	-	50	2,140	-	-	-	-	2,190	-	2,331
54520 EMS Vehicles - Replacement	16,349	3,112	2,443	2,512	2,748	2,268	2,504	13,601	26,076	-	45,537
54540 EMS Paramedics Defibrillators Replacement	1,759	-	-	-	2,100	-	-	2,100	4,200	-	5,959
54580 South Woodbridge EMS Station	3	-	318	1,047	-	-	-	-	1,365	-	1,368
54590 Markham Station - 280 Church	27	1,843	-	-	-	-	-	-	-	-	1,870
54600 Medical Equipment Replacement	621	965	400	450	400	400	590	4,025	6,265	-	7,851
54601 Richmond Hill S E EMS Station	-	-	-	-	-	178	2,152	-	2,330	-	2,330
54602 EMS Regional Radio Network	-	-	200	-	-	-	-	-	200	-	200
54610 Real Time Driver Feedback System	189	23	67	-	-	-	-	-	67	-	279
54625 EMS Security System Upgrade	294	396	-	-	-	-	-	-	-	-	690
54630 Multi - Patient Ambulance	-	1,000	-	-	-	-	-	-	-	-	1,000
54635 Ambulance Tail - Lift Retrofit	349	466	-	-	-	-	-	-	-	-	815
54638 EMS Land Acquisition - Growth	-	-	3,250	200	-	-	-	-	3,450	-	3,450
54639 EMS Land Acquisition - Rep	-	-	4,625	-	-	-	-	-	4,625	-	4,625
54640 Newmarket Northwest EMS Station	-	20	75	1,310	1,732	-	-	-	3,117	-	3,137
54645 Newmarket Southeast EMS Station	-	875	1,199	1,993	-	-	-	-	3,192	-	4,067
54650 South Markham EMS Station	-	-	223	1,686	421	-	-	-	2,330	-	2,330
54665 Oak Ridges EMS Station	-	-	-	-	100	1,268	-	-	1,368	-	1,368
54670 Ballantrae EMS Station	-	-	-	-	-	-	-	1,368	1,368	-	1,368
54675 Thornhill EMS Station	-	-	-	-	-	-	178	2,152	2,330	-	2,330
54695 In - Vehicle Computer Aided Dispatch (CAD) for EMS	-	100	200	-	-	-	-	-	200	-	300
54696 Rehab/Refresh of EMS Stations	-	-	100	100	100	100	100	1,400	1,900	-	1,900
Total Gross Expenditures	20,779	9,190	14,972	13,063	8,758	4,214	5,974	25,546	72,527	-	102,496

**2014 Capital Budget
Emergency Medical Services - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	17,279	3,019	67	-	-	-	-	-	67	-	20,365
Development Charges	665	214	405	203	405	-	405	810	2,228	-	3,107
Reserves	2,835	5,062	3,815	4,152	5,393	2,768	3,239	20,316	39,683	-	47,580
Sub Total Regional	20,779	8,295	4,287	4,355	5,798	2,768	3,644	21,126	41,978	-	71,052
External											
Total Available Financing	20,779	8,295	4,287	4,355	5,798	2,768	3,644	21,126	41,978	-	71,052
Debenture											
Debenture Proceeds DC	-	-	3,577	4,190	863	1,084	-	1,575	11,289	-	11,289
Debenture Proceeds Tax Levy	-	895	7,108	4,518	2,097	362	2,330	2,845	19,260	-	20,155
Sub Total Debenture	-	895	10,685	8,708	2,960	1,446	2,330	4,420	30,549	-	31,444
Total Financing Sources	20,779	9,190	14,972	13,063	8,758	4,214	5,974	25,546	72,527	-	102,496

2014 Capital Budget Emergency Medical Services - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
54301	EMS Vehicles - New	2,475	-	247	-	2,228	-	-	-
54420	Holland Landing EMS Station	2,177	-	677	1,500	-	-	-	-
54490	Pefferlaw EMS Station	1,302	-	307	995	-	-	-	-
54510	Maple EMS Station	2,190	-	514	1,676	-	-	-	-
54520	EMS Vehicles - Replacement	26,076	-	26,076	-	-	-	-	-
54540	EMS Paramedics Defibrillators Replacement	4,200	-	4,200	-	-	-	-	-
54580	South Woodbridge EMS Station	1,365	-	(3)	1,368	-	-	-	-
54600	Medical Equipment Replacement	6,265	-	6,265	-	-	-	-	-
54601	Richmond Hill S E EMS Station	2,330	-	-	2,330	-	-	-	-
54602	EMS Regional Radio Network	200	-	200	-	-	-	-	-
54610	Real Time Driver Feedback System	67	67	-	-	-	-	-	-
54638	EMS Land Acquisition - Growth	3,450	-	-	3,450	-	-	-	-
54639	EMS Land Acquisition - Rep	4,625	-	-	4,625	-	-	-	-
54640	Newmarket Northwest EMS Station	3,117	-	-	3,117	-	-	-	-
54645	Newmarket Southeast EMS Station	3,192	-	-	3,192	-	-	-	-
54650	South Markham EMS Station	2,330	-	-	2,330	-	-	-	-
54665	Oak Ridges EMS Station	1,368	-	-	1,368	-	-	-	-
54670	Ballantrae EMS Station	1,368	-	-	1,368	-	-	-	-
54675	Thornhill EMS Station	2,330	-	-	2,330	-	-	-	-
54695	In - Vehicle Computer Aided Dispatch (CAD) for EMS	200	-	200	-	-	-	-	-
54696	Rehab/Refresh of EMS Stations	1,900	-	1,000	900	-	-	-	-
Total Tax Supported		72,527	67	39,683	30,549	2,228	-	-	-

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Capital Strategy

The Information Technology Capital Plan focuses on projects that apply information technology to make the delivery of services to the citizens and the businesses in the Region more efficient and effective.

The Information Technology Capital Plan consists of projects in three categories:

- **Replacement & Rehabilitation** - maintain the installed information technology to ensure it continues to function reliably.
- **Growth / Expansion** – provide information technology equipment for new Region staff and extend information technology based services to all areas in the Region. This includes deployment of strategic initiatives that support high priority Departmental needs.
- **Improvements / Enhancements** – expand the effectiveness of existing systems by implementing additional functions.

Within these three program areas, through consultation with departments, 12 key initiatives were identified. Four of these – Asset Management, Business Intelligence, Customer Relationship Management, together with the Regional fibre Network (YTN) initiative are active. The 2014 Information Technology Capital Plan includes funding for these projects.

Key Initiatives

The following capital projects are key information technology initiatives.

Replacement & Rehabilitation

Data Centre Facilities

The Region's computing infrastructure is outgrowing the capacity and capabilities of the data centre in the Administrative Centre. If approved by Council, a new data centre will be incorporated into the design of the new "Annex" building adjacent to the Administrative Centre. This initiative provides funds for the planning activities and Information Technology infrastructure in the Data Centre.

Enterprise Architecture, Security & Risk

York Region's computing environment continues to grow in size and complexity with limited technology plans and standards for managing in the new environment. This project will advance the definition of the architectural constructs for the business architecture, information architecture, applications architecture and technology architecture.

This project will also continue building security processes and implementing the tools needed to more fully secure the Region's information technology infrastructure from physical and cyber vulnerabilities such as hackers, spyware, viruses and other security threats. Again, in 2014 this project will periodically test the Region's network and computing environment to ensure all vulnerabilities are addressed.

In the past, the Audit Committee directed Information Technology Services to create a disaster recovery plan that would enable the Region's computing infrastructure to continue operations in

the event of a disaster at the primary data centre. The current work is to continue automating and integrating the disaster recovery site into the production environment. This includes reviewing tools to ensure the recovery site is maintained at an operational level and is in sync with the main computing environment.

This project will also bring together and integrate: a clear understanding of the strategic, tactical and operational advantage of mobile computing in the various lines of business; best practice process changes; and the technology & interfaces needed for effective utilization of mobile computing. This project will improve customer service, operational efficiency, and emergency response capability. It will also significantly contribute to achieving the following strategic outcomes:

- Secure and reliable infrastructure;
- Region-wide online employee access;
- IT aligned with business;
- Value driven strategic IT investments; and
- Compliance with legislation/privacy and records retention.

Regional Fibre Network (YTN)

Information Technology Services conducted a study to determine potential savings from replacing network connectivity services rented from network providers such as Bell with Region installed and owned fibre optics. This project contains the budget to replace several rented services with Region-owned infrastructure and to expand the telecom/broadband network. This project will also include a focus on implementing fibre lines in support of the VIVA initiatives in the Highway 7 corridor.

I. T. Equipment - (Computers, Printers and Microsoft Software)

This capital project provides for the deployment, refresh and replacement of desktop and laptop computers, as well as departmental printers. Through this project, ITS will complete a refresh of the Region's installed base of computers in 2014 to ensure that all staff have reliable technology to support the Region's move to Microsoft Windows 7 and Office 2010. Through this project, ITS will also complete a full refresh of the Region's installed base of departmental printers in 2014. This project also provides funding for the Region's Microsoft software licensing requirements.

I. T. Equipment - (Telecommunication and Computer Room Equipment)

This capital project budgets for the replacement of computing and telecommunications equipment installed in the Region's data centres, disaster recovery site and Regional facilities. During 2014, this project will retire end-of-life computing and telecommunication technology and replace it with current technology designed to meet the capacity and functionality requirements of departmental users.

Regional Portal

Beginning in 2008, the Region, in cooperation with the Town of Markham, began the development and implementation of a shared web portal technology platform to replace out-dated websites. The project is intended to provide enhanced, personalized and fast access to services and information for staff and citizens through interactive and robust online technology.

Following the successful launch of York Region's Employee Portal in 2011 and planned launch of the York.ca Portal in 2013, the project will focus on the implementing additional functionality to meet business priorities. The project also funds the ongoing support and update of the Portal system.

Growth/Expansion

Information Management

During 2014 and beyond, the Information Management project will continue implementation activities for a continued roll-out of e-DOCS (the Region's electronic records retention and document management software) across the Regional departments. Further investigation will occur to explore a more robust and flexible solution for all electronic content management.

Corporate ERP and Departmental Systems

York Region uses the PeopleSoft suite of Enterprise Management Software to manage its corporate budgeting and financial planning, accounting, payroll, and human resources information processing. In 2014, the Corporate ERP and Departmental Systems project will continue implementation of the following business systems projects: Enterprise Resource Planning application upgrades to meet legislative changes and implement product updates; development of self-service and workflow process enhancements; deployment of new functionality such as Project Costing and Asset accounting; and expansion of operating and capital budgeting tools.

This program also supports the development of new technologies to replace out-dated software, and to migrate and consolidate systems and integrate departmental and corporate applications into a smaller number of common systems.

Improvements/Enhancements

Asset Management

This project will develop the Information & System Architecture and acquire the enterprise software for an Asset Management solution to be subsequently used by the Departments implementing best practices for their respective assets. Asset Management includes the processes to plan, fund, acquire, maintain, refurbish, retire/replace, and value/report on the tangible assets of the organization in a sustainable manner as needed to achieve its business objectives at acceptable levels of risk and cost. When implemented, this project will improve strategic and operational decision making, infrastructure resource allocation and operational efficiency; consolidate asset tracking; and reduce risk. It will also significantly contribute to achieving the following strategic outcomes:

- Secure and reliable infrastructure;
- Streamline processes through data sharing and integration;

- Comply with legislation/privacy and records retention; and
- Support a sustainability strategy.

Business Intelligence

This project will develop the Information & System Architecture and acquire the enterprise software for a Business Intelligence solution to be subsequently used by the Departments implementing best practices. When implemented, this project will improve management decision making, customer service, and operational efficiency. It will also significantly contribute to achieving the following strategic outcomes:

- Secure and reliable infrastructure;
- Streamline processes through data sharing and integration;
- Enabled Knowledge workers.

Customer Relationship Management (CRM)

This project is focused on the acquisition and implementation of a corporate Customer Relationship Management system to be used across the organization. The project, in conjunction with the corporate CRM initiative, will improve customer service, communication and management decision making, citizen engagement and operational efficiency. It will also significantly contribute to achieving the following strategic outcomes:

- Secure and reliable infrastructure;
- One system to serve all lines of business;
- Streamline processes through data sharing and integration;
- Enabled Knowledge workers;
- IT aligned with business; and
- Customer-Centric service delivery.

Long Term Outlook (Ten-Year Plan)

Expenditures

Information Technology Services' capital expenditures are driven by the requirement to replace end-of-life computer and telecommunications equipment; the need to fund additional infrastructure for new sites as the Region grows and the funding required for corporate projects contained in the York Region Information Technology Strategic Plan. The Ten-Year outlook is for a gradually increasing level of information technology capital spending.

Pressures of Net Operating Impact of Capital Projects

The operating impact of new Information Technology capital projects is the result of the on-going costs of hardware and software maintenance associated with growth in usage of existing hardware and software and implementation of new applications. For 2014, the net operating

impact includes one position for ongoing support of previously approved capital projects. This is a Database Administrator to help support the database portion of new applications.

For 2015, the net operating impact includes 4 new positions, a Program Manager – IT Contracts Management, Network Analyst (LAN/WAN) – Unix & Portal, Senior Network Analyst (LAN/WAN) – Projects, and Technical Specialist – Customer Relationship Management Systems.

For 2016, the net operating impact identifies an additional 4 positions for ongoing support of new capital assets. These include Technical Specialist – ERP, Business Support Analyst – Portal/Information Management, Business Support Analyst – Asset Management Systems, and Project Manager - Customer Relationship Management Systems.

Information Technology

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	695	681	570	468	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	693	484	74	127	443
Financing Costs	-	-	-	-	-	-
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	-	1,388	1,165	644	595	443
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Net Operating Impact	-	1,388	1,165	644	595	443

2014 Capital Budget

Information Technology Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
16655: Telecommunications	8,700	1,434	5,369	(5,369)	-	-	10,134
16660: Enterprise Architecture, Security & Risk	2,497	732	2,550	3,080	5,630	9,000	17,859
16670: Data Centre Facilities	618	50	4,231	-	4,231	750	5,649
16690: Information Management	2,779	250	4,820	1,800	6,620	2,310	11,959
16695: e-Portal	2,555	940	1,602	606	2,208	3,150	8,853
16755: Corporate and Departmental Systems	1,721	930	2,481	3,607	6,088	24,325	33,064
16760: Database Systems	258	10	366	(56)	310	900	1,478
16800: Business Intelligence	1,357	190	750	610	1,360	2,250	5,157
16810: Asset Management	1,606	613	1,957	850	2,807	4,950	9,976
16815: Application Development & Integration Program	636	370	1,775	(1,775)	-	-	1,006
16816: Customer Relationship Management (CRM) Solutions	469	455	3,100	2,145	5,245	1,800	7,969
16891: Mobile Computing	136	22	390	(390)	-	-	158
16892: Regional Fibre Network	2,491	1,751	9,606	2,494	12,100	7,200	23,542
16893: York Broadband Network	59	10	1,431	(1,431)	-	-	69
16895: IT Equipment (Printers/P Cs)	20,849	5,833	15,584	7,826	23,410	64,553	114,645
16896: IT Equipment (Data Centre Equip)	4,455	1,167	5,012	9,834	14,846	29,343	49,811
Total Gross Expenditures	51,186	14,757	61,024	23,831	84,855	150,531	301,329
Financing Sources							
Regional							
Other Recoveries	4	-	-	-	-	-	4
Reserves	51,050	14,757	61,024	23,831	84,855	150,531	301,193
Sub Total Regional	51,054	14,757	61,024	23,831	84,855	150,531	301,197
External							

2014 Capital Budget

Information Technology Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Other Recoveries	132	-	-	-	-	-	132
Sub Total External	132	-	-	-	-	-	132
Total Available Financing	51,186	14,757	61,024	23,831	84,855	150,531	301,329
Total Financing Sources	51,186	14,757	61,024	23,831	84,855	150,531	301,329

2014 Capital Budget
Information Technology Services - Capital Spending Authority
Gross Expenditures
(In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
16655	8,700	1,434	-	-	-	-	-	-	-	-	10,134
16660	2,497	732	2,586	1,044	1,000	1,000	-	-	5,630	-	8,859
16670	618	50	300	900	3,031	-	-	-	4,231	-	4,899
16690	2,779	250	1,525	2,665	1,640	790	-	-	6,620	-	9,649
16695	2,555	940	799	643	416	350	-	-	2,208	-	5,703
16755	1,721	930	1,023	2,140	1,500	1,425	-	-	6,088	-	8,739
16760	258	10	10	100	100	100	-	-	310	-	578
16800	1,357	190	360	500	250	250	-	-	1,360	-	2,907
16810	1,606	613	1,057	650	550	550	-	-	2,807	-	5,026
16815	636	370	-	-	-	-	-	-	-	-	1,006
16816	469	455	3,345	1,200	500	200	-	-	5,245	-	6,169
16891	136	22	-	-	-	-	-	-	-	-	158
16892	2,491	1,751	5,500	2,700	2,000	1,900	-	-	12,100	-	16,342
16893	59	10	-	-	-	-	-	-	-	-	69
16895	20,849	5,833	5,739	3,881	6,806	6,984	-	-	23,410	-	50,092
16896	4,455	1,167	3,521	4,065	3,898	3,362	-	-	14,846	-	20,468
Total Gross Expenditures	51,186	14,757	25,765	20,488	21,691	16,911	-	-	84,855	-	150,798

**2014 Capital Budget
Information Technology Services - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Other Recoveries	4	-	-	-	-	-	-	-	-	-	4
Reserves	51,050	14,757	25,765	20,488	21,691	16,911	-	-	84,855	-	150,662
Sub Total Regional	51,054	14,757	25,765	20,488	21,691	16,911	-	-	84,855	-	150,666
External											
Other Recoveries	132	-	-	-	-	-	-	-	-	-	132
Sub Total External	132	-	-	-	-	-	-	-	-	-	132
Total Available Financing	51,186	14,757	25,765	20,488	21,691	16,911	-	-	84,855	-	150,798
Debtenture											
Total Financing Sources	51,186	14,757	25,765	20,488	21,691	16,911	-	-	84,855	-	150,798

2014 Capital Budget Information Technology Services - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
16660	Enterprise Architecture, Security & Risk	5,630	-	5,630	-	-	-	-	-
16670	Data Centre Facilities	4,231	-	4,231	-	-	-	-	-
16690	Information Management	6,620	-	6,620	-	-	-	-	-
16695	e-Portal	2,208	-	2,208	-	-	-	-	-
16755	Corporate and Departmental Systems	6,088	-	6,088	-	-	-	-	-
16760	Database Systems	310	-	310	-	-	-	-	-
16800	Business Intelligence	1,360	-	1,360	-	-	-	-	-
16810	Asset Management	2,807	-	2,807	-	-	-	-	-
16816	Customer Relationship Management (CRM) Solutions	5,245	-	5,245	-	-	-	-	-
16892	Regional Fibre Network	12,100	-	12,100	-	-	-	-	-
16895	IT Equipment (Printers/P Cs)	23,410	-	23,410	-	-	-	-	-
16896	IT Equipment (Data Centre Equip)	14,846	-	14,846	-	-	-	-	-
Total Tax Supported		84,855	-	84,855	-	-	-	-	-

2014 Capital Budget Information Technology Services - 10 Year Capital Expenditures Gross Expenditures (In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
16655	8,700	1,434	-	-	-	-	-	-	-	-	10,134
16660	2,497	732	2,586	1,044	1,000	1,000	1,000	5,000	11,630	3,000	17,859
16670	618	50	300	900	3,031	-	-	-	4,231	750	5,649
16690	2,779	250	1,525	2,665	1,640	790	390	1,200	8,210	720	11,959
16695	2,555	940	799	643	416	350	350	1,750	4,308	1,050	8,853
16755	1,721	930	1,023	2,140	1,500	1,425	1,150	7,225	14,463	15,950	33,064
16760	258	10	10	100	100	100	100	500	910	300	1,478
16800	1,357	190	360	500	250	250	250	1,250	2,860	750	5,157
16810	1,606	613	1,057	650	550	550	550	2,750	6,107	1,650	9,976
16815	636	370	-	-	-	-	-	-	-	-	1,006
16816	469	455	3,345	1,200	500	200	200	1,000	6,445	600	7,969
16891	136	22	-	-	-	-	-	-	-	-	158
16892	2,491	1,751	5,500	2,700	2,000	1,900	2,900	1,000	16,000	3,300	23,542
16893	59	10	-	-	-	-	-	-	-	-	69
16895	20,849	5,833	5,739	3,881	6,806	6,984	5,636	31,823	60,869	27,094	114,645
16896	4,455	1,167	3,521	4,065	3,898	3,362	3,365	14,778	32,989	11,200	49,811
Total Gross Expenditures	51,186	14,757	25,765	20,488	21,691	16,911	15,891	68,276	169,022	66,364	301,329

**2014 Capital Budget
Information Technology Services - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Other Recoveries	4	-	-	-	-	-	-	-	-	-	4
Reserves	51,050	14,757	25,765	20,488	21,691	16,911	15,891	68,276	169,022	66,364	301,193
Sub Total Regional	51,054	14,757	25,765	20,488	21,691	16,911	15,891	68,276	169,022	66,364	301,197
External											
Other Recoveries	132	-	-	-	-	-	-	-	-	-	132
Sub Total External	132	-	-	-	-	-	-	-	-	-	132
Total Available Financing	51,186	14,757	25,765	20,488	21,691	16,911	15,891	68,276	169,022	66,364	301,329
Debenture											
Total Financing Sources	51,186	14,757	25,765	20,488	21,691	16,911	15,891	68,276	169,022	66,364	301,329

2014 Capital Budget Information Technology Services - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
16660	Enterprise Architecture, Security & Risk	11,630	-	11,630	-	-	-	-	-
16670	Data Centre Facilities	4,231	-	4,231	-	-	-	-	-
16690	Information Management	8,210	-	8,210	-	-	-	-	-
16695	e-Portal	4,308	-	4,308	-	-	-	-	-
16755	Corporate and Departmental Systems	14,463	-	14,463	-	-	-	-	-
16760	Database Systems	910	-	910	-	-	-	-	-
16800	Business Intelligence	2,860	-	2,860	-	-	-	-	-
16810	Asset Management	6,107	-	6,107	-	-	-	-	-
16816	Customer Relationship Management (CRM) Solutions	6,445	-	6,445	-	-	-	-	-
16892	Regional Fibre Network	16,000	-	16,000	-	-	-	-	-
16895	IT Equipment (Printers/P Cs)	60,869	-	60,869	-	-	-	-	-
16896	IT Equipment (Data Centre Equip)	32,989	-	32,989	-	-	-	-	-
Total Tax Supported		169,022	-	169,022	-	-	-	-	-

Capital Strategy

Ten-Year Capital Plan (2014-2023)

Over the next 10 years, the Property Services Branch will continue to develop a Capital Program that addresses strategic medium and long-term accommodation requirements of the Region. The Ten-Year Capital Plan incorporates client accommodation needs related to administrative office space and the development of purpose built facilities.

Four major initiatives form the basis of the Property Services Capital Strategy:

Accommodation Master Plan (AMP)

- The *Accommodation Master Plan* (formerly the Strategic Accommodation Plan) was approved by Council in 2005 and work on an updated draft is ongoing. The Plan, which is based on a geographic framework incorporating current and projected population and staff numbers, proposes an accommodation strategy for prioritized facilities over the medium to long term. The Plan further assists in identifying to what extent future capital should be spent on existing owned facilities and the timing implications for leased facilities. The Master Plan also establishes corporate accommodation policies which are reflected in the Capital Strategy.
- A prime goal of the *Accommodation Master Plan* is to establish a series of consolidated service centres across the Region that will consolidate owned and leased facilities to reduce cost and increase efficiencies. Detailed design work is underway on the priority service centre in Newmarket (the Annex). Construction is estimated to start in 2016 and completion is scheduled for 2019. A second smaller consolidated facility is proposed to be established in Vaughan with the estimated completion date of Q3 2014. The third centre is proposed for Markham and initial land investigations are underway. Decisions regarding the final service centre (the existing South Services Centre in Richmond Hill) need to be made strategically with the centres planned for Vaughan and Markham. This facility is presently leased until 2021 and if the lease is not renewed, or an additional solution found, suitable land must be acquired and construction on a new replacement facility must commence by 2019.
- The *Accommodation Master Plan* will also include the development of a land and property acquisition strategy that will improve timing of acquisitions and optimize financial resources.

Rehabilitation Program

- The Facility Rehabilitation Program continues to develop and mature. This includes updating the Building Condition Audits (BCA's) as part of the 5-year audit cycle, incorporating energy audits, along with the management of special projects such as designated substance surveys to address legislative requirements. The Building Condition Audit's will be completed around end of the 2013.

Preventative Maintenance and Asset Management Programs

- Implementation of Preventative Maintenance and Asset Management Programs throughout the portfolio will result in an extended life cycle for building structures and systems, and defers/reduces long-term capital expenditures. In addition, the implementation of these programs will reduce operating costs and improve forecasting.

Energy Management Program

- An on-going Energy Management Program which implements retrofit measures that will reduce the utility costs throughout the portfolio while contributing to a cleaner environment through demand response initiatives. An integrated design process will ensure that sustainability is considered at every stage of the design and construction process. Compliance with and reporting on the *Green Energy Act* is an additional responsibility for the coming year.

In the future, the capital strategy for Property Services will continue to focus on the following areas: rehabilitation and repair, accommodation projects, energy conservation and real estate initiatives. Major initiatives will be dependent on future client accommodation and space needs and the progress and completion of projects identified in the Ten-Year Capital Plan (2014-2023).

Key Initiatives

The key initiatives are focused on four distinct areas: rehabilitation and repair, accommodation projects, energy conservation, and real estate initiatives.

Rehabilitation and Repair

Building Condition Audits (BCA's) provide a schedule of major repairs and where required, the replacement of building elements/systems required to maintain the portfolio in good condition and a safe state of repair. The rehabilitation program will ultimately protect the asset value of each facility and forms the basis of the Ten-Year Capital Plan.

Decisions on whether to proceed with the repairs outlined in the audit are taken in the context of the *Accommodation Master Plan* and funding availability. Primary emphasis is placed on life safety and legislative requirements.

BCA's have been completed on the majority of the buildings within the portfolio. The five-year cycle of updating audits was completed in 2013, including detailed roof assessments to facilitate better planning and improved roof replacement and repair options. Energy audits have been incorporated in the BCA's since 2008.

Accommodation Projects

Population growth and the related impacts on program delivery and staff growth, requires strategic planning, efficient and innovative design and development strategies to meet community needs. Renovation projects will incorporate revised corporate space and furniture standards that will reduce the allocation of space per employee and the respective construction/operating costs related to the provision of this space. While the master plan strategy supports owning facilities over the long term, until these facilities are available, leasing space will continue to occur.

Client departments will continue to be challenged to intensify the use of existing space prior to seeking new space.

Major 2014 accommodation projects include:

- The establishment of a Vaughan Regional Service Centre
- Detailed design of the Administrative Centre Annex project, incorporating new Courts with proposed construction to start in 2016.
- Continued implementation of the Space Intensification Plan at Regional buildings in accordance with Corporate Space and Furniture Standards
- Administrative Centre re-design project
- Harry Walker Parkway leasehold improvements
- Implementation of building design to address the requirements of Bill 168 (Workplace Violence Assessment) and the *Accessibility for Ontarians with Disabilities Act (AODA)*
- Implementation of projects to address the requirements of the *Ontario Facility Safety Regulation* ("slips and falls")
- Continued expansion of EMS response stations
- Completion of the new Forestry Stewardship and Education Centre in Whitchurch-Stouffville
- Construction of an Operations and Maintenance Facility in Richmond Hill for York Region Rapid Transit Corporation (YRRTC)

- Project management of a number of Housing York Inc. developments

Energy Conservation

Building Energy Feasibility Studies (BEFS) are continuing throughout Regional facilities. Implementation of those BEFS will result in significant savings in utility costs by reducing energy consumption. These audits have now been incorporated into the BCA cycle.

As a result of Council adopting a *Sustainable Building Policy* in 2006, energy efficient designs will be incorporated into all new Regional buildings, resulting in significant utility savings over the buildings lifecycle, and also improving the work environment for employees. “Green” technologies will be used where feasible and compliance with the *Green Energy Act* is an important initiative for 2014.

The Region will continue to access both federal and provincial funding, where available, to offset these energy projects.

2014 Energy projects include:

- Continued implementation of recommendations from the Building Condition Audits
- Implementation of retrocommissioning initiatives, including development of building automation system performance contracts and operational efficiency / sustainability manuals
- Administrative Centre energy upgrades, including lighting re-circuiting, variable speed drives on relief fans, water efficiency and Town Hall Challenge
- Investigate potential to reduce costs of building ventilation and dehumidification at water and wastewater facilities. Implement capital upgrades at Maple Pumping Station
- Installation of large solar photovoltaic arrays at 90 Bales Drive and 27135 Kennedy Road, under the provincial Feed-In-Tariff program
- Administration of portfolio-wide energy audit

Real Estate Initiatives

Timely acquisition of key parcels of land to support client department program initiatives such as:

- Continued acquisition of land to support the VIVA project
- Site acquisition for Transportation Services yard in North Markham
- Site acquisition for a York Region Transit operations and maintenance facility in Richmond Hill/Markham
- Development of land and property acquisition strategy

In the future, key initiatives will continue to focus on the following areas: rehabilitation and repair, accommodation projects, energy conservation and real estate initiatives. Major initiatives will be dependent on client accommodation and space needs and the progress and completion of projects identified in the Ten-Year Capital Plan (2014-2023).

New Projects Added to the 2014 Budget

Projects that have been introduced or extended into the 2014 Budget include the

- Leasehold improvements of 54,335 square feet of space at 145 Harry Walker Parkway to be used as office space, warehouse space, a shared data centre for I.T and York Region Police and a purpose built Regional and York Regional Police Emergency Operations Centre that can double as a centrally-located training facility
- Installation of large solar photovoltaic arrays at two Regional sites under the Provincial Feed-In-Tariff program led by the Ontario Power Authority. The total cost of the projects is just over \$1.0 million. The project has a payback period of 10 years with an annual revenue forecast of over \$100K for a period of 20 years guaranteed upon signing of contract.

Long Term Outlook

Expenditures

The 10 year outlook focuses on continuation of the rehabilitation and repair program and completion of planned projects based upon the Building Condition Audits (BCA's). The BCA's that were carried out in August of 2013 will result in changes to the 10 year Capital Budget.

- The next steps in consolidation of Regional facilities will take place in Vaughan. Development of a new 77,000 sq. ft. service centre will consolidate all Community and Health Services facilities in the south-west part of the Region.
 - Capital expenditures of \$51.2 million for the Vaughan Regional Service Centre. The expenditure cash flow is based on \$1.0 million spent in 2012, followed by \$2.2 million in 2013, \$48.0 million in 2014.
- The Annex, incorporating new Courts will be a major project over the next six years. The total projected cost is estimated to be \$216.4 million between 2012-2020
- Further delays on this project will result in additional capital expenditures for escalation costs and leasehold improvements along with the operating impacts on existing owned facilities and operating costs for new leased facilities. It would also maintain and further escalate the fragmentation of departments to a number of different locations, which has an impact on service delivery
 - Minimal rehabilitation and repairs (health & safety, building code) are taking place at those Newmarket properties which may be vacated in the next 5 years, subject to completion of the Annex. The properties to be vacated are 465 Davis Drive (the Tannery), 22 Prospect Street (Health Clinic), 62 Bayview Parkway (Social Services), 1091 Gorham Street (Housing), 55 Eagle Street (Community Services & Housing), Gates of York (HR), and 130 Mulock Drive (PSB). Any further delays in the Annex will require additional work at these locations, and will result in additional leasing costs and more leased space required to meet growth needs over the next four years.
- Administrative Centre re-design project
 - Capital expenditures of \$8.0 million between 2014-2016
- Leasehold Improvements to Harry Walker Parkway
 - Capital expenditures of \$10.0 million in 2014. This would include leasehold improvements of 54,335 square feet of space at 145 Harry Walker Parkway to be used as office space, warehouse space, a shared data centre for I.T and York Region Police and a purpose built Regional and York Regional Police Emergency Operations Centre that can double as a centrally-located training facility

The next step in consolidation of Regional facilities will take place in the southern tier municipalities. In order to accommodate growth, reduce reliance on leased premises and improve client service. The Accommodation Master Plan proposes a south east Service Centre in Markham, as well as one to replace the leased South Services Centre in Richmond Hill.

Net Operating Impact of New Capital Projects

Ten-Year Capital Plan (2014-2023)

Projects in the capital budget that will have an impact on the operating budget in future years include the following:

- Design and construction of the Administrative Centre Annex (ACA) in Newmarket (debt funded). Full occupancy is projected for 2020, but there will be net operating costs leading up to 2016 and through the construction period. The total cost is estimated at \$4.8 million for the duration of the project. This includes approximately \$530,000 in temporary annual staffing costs starting in 2014 and \$940,000 starting in 2016 and \$68,300 in annual lease costs for the period of 2016-2019 for the salaries, benefits, direct costs and accommodation costs of the team supporting the construction and financial management of the Annex project.
- In addition, approximately \$90,000 is estimated as the annual cost for staff to manage the building operations and maintenance of the Annex after its completion in 2019.
- It should be noted that there will be subsequent net operating savings from facility consolidation that will take place starting in 2020. The net operating cost savings will be identified upon completion of the detailed design stage in 2016.
- The 9060 Jane Street and Annex projects will carry a cost of debt repayment of \$402 million between 2013 and 2039. The debt financing costs during the Ten Year Plan for the Administrative Centre Annex is estimated at \$104.7 million, and for 9060 Jane Street projects is estimated at \$4.6 million.
- Between \$2.0-2.8 million / per year is related to the annual cost of salaries and benefits of Property Services capital project management staff dedicated to the management of all corporate and departmental construction and accommodation projects (excluding the Annex)
- The Solar PV panels (arrays) are to be funded from Debt. The investment cost will be offset by the future revenue stream of about \$100,000 commencing in 2013 and guaranteed for 20 years. Two projects have been approved for 2014.

Property Services

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	-	-	-	-	-
Financing Costs	889	827	396	2,131	6,070	9,382
Occupancy Costs	68	-	-	-	-	(68)
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	3,227	279	1,086	210	254	(868)
Total Gross Cost	4,184	1,106	1,482	2,341	6,324	8,446
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-
Net Operating Impact	4,184	1,106	1,482	2,341	6,324	8,446

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Business Initiatives							
Gross Expenditures							
14701: Energy Retrocommissioning	62	161	-	-	-	-	223
14731: Green Energy Act Planning	35	20	-	50	50	-	105
14733: Accommodation Master Plan (AMP) Implementation	-	-	-	10,000	10,000	-	10,000
14750: Building Energy Studies	130	23	-	170	170	2,300	2,623
14810: Property Services Branch (PSB) - Technology	471	130	-	180	180	-	781
Total Gross Expenditures	698	334	-	10,400	10,400	2,300	13,732
Financing Sources							
Regional							
Reserves	698	334	-	400	400	2,300	3,732
Sub Total Regional	698	334	-	400	400	2,300	3,732
External							
Total Available Financing	698	334	-	400	400	2,300	3,732
Total Debenture Requirements	-	-	-	10,000	10,000	-	10,000
Total Financing Sources	698	334	-	10,400	10,400	2,300	13,732
Debtenture Proceeds Tax Levy	-	-	-	10,000	10,000	-	10,000
Total Debenture Requirements	-	-	-	10,000	10,000	-	10,000

Capital Improvements

Gross Expenditures							
14702: Energy Retrofits - Various Existing Buildings	1,381	192	-	575	575	-	2,148
14703: Corporate Services - Facilities Rehab & Repair	2,146	479	307	(119)	188	6,000	8,813

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
14704: Corporate Services - All Facilities Rehab & Repair	145	245	100	-	100	300	790
14706: Roads Facilities Rehab & Repair	503	188	396	(323)	73	2,617	3,381
14707: Solid Waste Facilities Rehab & Repair	73	30	-	-	-	285	388
14708: Water & Waste Water Facilities Rehab & Repair	1,054	390	837	(294)	543	3,015	5,002
14709: York Region Transit Facilities Rehab & Repair	546	61	-	134	134	1,615	2,356
14711: Employment & Financial Sppt Facilities Rehab & Repair	124	-	-	10	10	120	254
14712: Family & Child Services Facilities Rehab & Repair	229	6	40	123	163	288	686
14713: Long Term Care Facilities Rehab & Repair	2,558	650	91	2,004	2,095	7,080	12,383
14714: Public Health Facilities Rehab & Repair	359	-	-	-	-	77	436
14716: EMS Facilities Rehab & Repair	135	20	-	218	218	462	835
14721: LEED Existing Building certification	151	51	-	60	60	-	262
14740: Ontario Disability Act (ODA)	266	40	-	50	50	-	356
14751: Energy Initiatives	183	-	-	1,300	1,300	6,950	8,433
14755: Security & Life Safety Projects	696	315	-	50	50	-	1,061
14790: Interval Meters	21	25	-	130	130	-	176
14791: Aurora Demand Response	30	-	-	200	200	-	230
14860: Workplace Violence Risk Assessment (Bill 168)	99	-	-	200	200	-	299
Total Gross Expenditures	10,699	2,692	1,771	4,318	6,089	28,809	48,289
Financing Sources							
Regional							
Reserves	10,469	2,692	1,771	3,018	4,789	21,859	39,809

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Sub Total Regional	10,469	2,692	1,771	3,018	4,789	21,859	39,809
External							
Federal Funding	188	-	-	-	-	-	188
Other Recoveries	42	-	-	-	-	-	42
Sub Total External	230	-	-	-	-	-	230
Total Available Financing	10,699	2,692	1,771	3,018	4,789	21,859	40,039
Total Debenture Requirements	-	-	-	1,300	1,300	6,950	8,250
Total Financing Sources	10,699	2,692	1,771	4,318	6,089	28,809	48,289
Debenture Proceeds Tax Levy	-	-	-	1,300	1,300	6,950	8,250
Total Debenture Requirements	-	-	-	1,300	1,300	6,950	8,250

Land Acquisition & Corporate Construction

Gross Expenditures

14722: South Corp Development Plan Implementation	1,054	2,200	29,000	19,000	48,000	-	51,254
14763: Bales EMS Central Operations Centre (ISF)	20,321	20	-	-	-	-	20,341
14780: Central Service Centre - Pre Construction	2,110	2,300	885	8,085	8,970	-	13,380
14781: Central Service Centre - Construction	-	-	-	-	-	202,987	202,987
Total Gross Expenditures	23,485	4,520	29,885	27,085	56,970	202,987	287,962

Financing Sources

Regional							
Current Tax Levy - Reserves	1,245	-	-	-	-	-	1,245
Development Charges	-	-	-	2,200	2,200	-	2,200
Reserves	13,102	539	-	45,800	45,800	-	59,441
Sub Total Regional	14,347	539	-	48,000	48,000	-	62,886

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
External							
Federal Funding	4,049	-	-	-	-	-	4,049
Provincial Funding	4,049	-	-	-	-	-	4,049
Sub Total External	8,098	-	-	-	-	-	8,098
Total Available Financing	22,445	539	-	48,000	48,000	-	70,984
Total Debenture Requirements	1,040	3,981	29,885	(20,915)	8,970	202,987	216,978
Total Financing Sources	23,485	4,520	29,885	27,085	56,970	202,987	287,962
Debenture Proceeds	1,040	-	-	-	-	-	1,040
Debenture Proceeds DC	-	238	-	-	-	-	238
Debenture Proceeds Tax Levy	-	2,724	29,885	(20,915)	8,970	202,987	214,681
Debenture Proceeds Other	-	1,019	-	-	-	-	1,019
Total Debenture Requirements	1,040	3,981	29,885	(20,915)	8,970	202,987	216,978

New Construction & Accommodation

Gross Expenditures							
14775: Property Services Branch (PSB) - General Capital (Corporate)	653	300	300	-	300	2,775	4,028
14835: Audio - visual (AV) Equipment & Events	759	165	-	180	180	-	1,104
14855: Corporate Space Intensification Initiatives	3,277	975	2,000	1,000	3,000	5,000	12,252
14856: Corporate Furniture Management - Existing Furniture Program	20	65	50	-	50	465	600
14857: Courts Capital Projects	82	40	-	50	50	-	172
14858: CHS Capital Projects Capital Projects	-	568	-	720	720	-	1,288
14882: Corporate Signage	-	110	50	60	110	465	685
Total Gross Expenditures	4,791	2,223	2,400	2,010	4,410	8,705	20,129

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Financing Sources							
Regional							
Current Tax Levy - Reserves	522	244	244	-	244	2,196	3,206
Reserves	4,269	1,979	2,156	2,010	4,166	6,509	16,923
Sub Total Regional	4,791	2,223	2,400	2,010	4,410	8,705	20,129
External							
Total Available Financing	4,791	2,223	2,400	2,010	4,410	8,705	20,129
Total Financing Sources	4,791	2,223	2,400	2,010	4,410	8,705	20,129
Capital Allocated Salaries (PSB & Client Projects)							
Gross Expenditures							
14901: Project Management Fees	-	2,133	2,314	382	2,696	31,061	35,890
Total Gross Expenditures	-	2,133	2,314	382	2,696	31,061	35,890
Financing Sources							
Regional							
Reserves	-	2,133	2,314	382	2,696	31,061	35,890
Sub Total Regional	-	2,133	2,314	382	2,696	31,061	35,890
External							
Total Available Financing	-	2,133	2,314	382	2,696	31,061	35,890
Total Financing Sources	-	2,133	2,314	382	2,696	31,061	35,890

2014 Capital Budget

Property Services-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Property Services							
Business Initiatives	698	334	0	10,400	10,400	2,300	13,732
Capital Improvements	10,699	2,692	1,771	4,318	6,089	28,809	48,289
Land Acquisition & Corporate Construction	23,485	4,520	29,885	27,085	56,970	202,987	287,962
New Construction & Accommodation	4,791	2,223	2,400	2,010	4,410	8,705	20,129
Capital Allocated Salaries (PSB & Client Projects)	0	2,133	2,314	382	2,696	31,061	35,890
Total Gross Expenditures	39,673	11,902	36,370	44,195	80,565	273,862	406,002
Regional							
Current Tax Levy - Reserves	1,767	244	244	0	244	2,196	4,451
Development Charges	0	0	0	2,200	2,200	0	2,200
Reserves	28,538	7,677	6,241	51,610	57,851	61,729	155,795
Sub Total Regional	30,305	7,921	6,485	53,810	60,295	63,925	162,446
External							
Federal Funding	4,237	-	-	-	-	-	4,237
Provincial Funding	4,049	-	-	-	-	-	4,049
Other Recoveries	42	-	-	-	-	-	42
Sub Total External	8,328	-	-	-	-	-	8,328
Total Available Financing	38,633	7,921	6,485	53,810	60,295	63,925	170,774
Total Debenture Requirements	1,040	3,981	29,885	(9,615)	20,270	209,937	235,228
Total Financing Sources	39,673	11,902	36,370	44,195	80,565	273,862	406,002
Debtenture Proceeds	1,040	-	-	-	-	-	1,040
Debtenture Proceeds DC	-	238	-	-	-	-	238
Debtenture Proceeds Tax Levy	-	2,724	29,885	(9,615)	20,270	209,937	232,931
Debtenture Proceeds Other	-	1,019	-	-	-	-	1,019
Total Debenture Requirements	1,040	3,981	29,885	(9,615)	20,270	209,937	235,228

2014 Capital Budget
Property Services - Projects by Program Group
 Capital Spending Authority
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
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Program Group: Business Initiatives

Gross Expenditures											
14701	Energy Retrocommissioning	62	161	-	-	-	-	-	-	-	223
14731	Green Energy Act Planning	35	20	50	-	-	-	-	50	-	105
14733	Accommodation Master Plan (AMP) Implementation	-	-	10,000	-	-	-	-	10,000	-	10,000
14750	Building Energy Studies	130	23	170	-	-	-	-	170	-	323
14810	Property Services Branch (PSB) - Technology	471	130	180	-	-	-	-	180	-	781
Total		698	334	10,400	-	-	-	-	10,400	-	11,432

Financing Sources

Reserves	698	334	400	-	-	-	-	-	400	-	1,432
Sub Total Regional	698	334	400	-	-	-	-	-	400	-	1,432
Total Available Financing	698	334	400	-	-	-	-	-	400	-	1,432
Total Debenture Requirements	-	-	10,000	-	-	-	-	-	10,000	-	10,000
Total Financing Sources	698	334	10,400	-	-	-	-	-	10,400	-	11,432

Program Group: Capital Improvements

Gross Expenditures											
14702	Energy Retrofits - Various Existing Buildings	1,381	192	575	-	-	-	-	575	-	2,148
14703	Corporate Services - Facilities Rehab & Repair	2,146	479	188	-	-	-	-	188	-	2,813
14704	Corporate Services - All Facilities Rehab & Repair	145	245	100	-	-	-	-	100	-	490
14706	Roads Facilities Rehab & Repair	503	188	73	-	-	-	-	73	-	764
14707	Solid Waste Facilities Rehab & Repair	73	30	-	-	-	-	-	-	-	103
14708	Water & Waste Water Facilities Rehab & Repair	1,054	390	543	-	-	-	-	543	-	1,987

2014 Capital Budget Property Services - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
14709	546	61	134	-	-	-	-	-	134	-	741
14711	124	-	10	-	-	-	-	-	10	-	134
14712	229	6	163	-	-	-	-	-	163	-	398
14713	2,558	650	2,095	-	-	-	-	-	2,095	-	5,303
14714	359	-	-	-	-	-	-	-	-	-	359
14716	135	20	218	-	-	-	-	-	218	-	373
14721	151	51	60	-	-	-	-	-	60	-	262
14740	266	40	50	-	-	-	-	-	50	-	356
14751	183	-	1,300	-	-	-	-	-	1,300	-	1,483
14755	696	315	50	-	-	-	-	-	50	-	1,061
14790	21	25	130	-	-	-	-	-	130	-	176
14791	30	-	200	-	-	-	-	-	200	-	230
14860	99	-	200	-	-	-	-	-	200	-	299
Total	10,699	2,692	6,089	-	-	-	-	-	6,089	-	19,480
Financing Sources											
Reserves	10,469	2,692	4,789	-	-	-	-	-	4,789	-	17,950
Sub Total Regional	10,469	2,692	4,789	-	-	-	-	-	4,789	-	17,950
Federal Funding	188	-	-	-	-	-	-	-	-	-	188
Other Recoveries	42	-	-	-	-	-	-	-	-	-	42
Sub Total External	230	-	-	-	-	-	-	-	-	-	230
Total Available Financing	10,699	2,692	4,789	-	-	-	-	-	4,789	-	18,180
Total Debtenture Requirements	-	-	1,300	-	-	-	-	-	1,300	-	1,300
Total Financing Sources	10,699	2,692	6,089	-	-	-	-	-	6,089	-	19,480

2014 Capital Budget Property Services - Projects by Program Group Capital Spending Authority (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
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Program Group: Land Acquisition & Corporate Construction

Gross Expenditures											
14722	South Corp Development Plan Implementation	1,054	2,200	48,000	-	-	-	-	48,000	-	51,254
14763	Bales EMS Central Operations Centre (ISF)	20,321	20	-	-	-	-	-	-	-	20,341
14780	Central Service Centre - Pre Construction	2,110	2,300	3,902	1,390	845	957	1,045	831	8,970	13,380
Total		23,485	4,520	51,902	1,390	845	957	1,045	831	56,970	84,975

Financing Sources

	Current Tax Levy - Reserves	1,245	-	-	-	-	-	-	-	-	1,245
	Development Charges	-	-	2,200	-	-	-	-	2,200	-	2,200
	Reserves	13,102	539	45,800	-	-	-	-	45,800	-	59,441
	Sub Total Regional	14,347	539	48,000	-	-	-	-	48,000	-	62,886
	Federal Funding	4,049	-	-	-	-	-	-	-	-	4,049
	Provincial Funding	4,049	-	-	-	-	-	-	-	-	4,049
	Sub Total External	8,098	-	-	-	-	-	-	-	-	8,098
	Total Available Financing	22,445	539	48,000	-	-	-	-	48,000	-	70,984
	Total Debtenture Requirements	1,040	3,981	3,902	1,390	845	957	1,045	831	8,970	13,991
	Total Financing Sources	23,485	4,520	51,902	1,390	845	957	1,045	831	56,970	84,975

Program Group: New Construction & Accommodation

Gross Expenditures											
14775	Property Services Branch (PSB) - General Capital (Corporate)	653	300	300	-	-	-	-	300	-	1,253
14835	Audio - visual (AV) Equipment & Events	759	165	180	-	-	-	-	180	-	1,104
14855	Corporate Space Intensification Initiatives	3,277	975	3,000	-	-	-	-	3,000	-	7,252

2014 Capital Budget
Property Services - Projects by Program Group
 Capital Spending Authority
 (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
14856 Corporate Furniture Management - Existing Furniture Program	20	65	50	-	-	-	-	-	50	-	135
14857 Courts Capital Projects	82	40	50	-	-	-	-	-	50	-	172
14858 CHS Capital Projects Capital Projects	-	568	720	-	-	-	-	-	720	-	1,288
14882 Corporate Signage	-	110	110	-	-	-	-	-	110	-	220
Total	4,791	2,223	4,410	-	-	-	-	-	4,410	-	11,424
Financing Sources											
Current Tax Levy - Reserves	522	244	244	-	-	-	-	-	244	-	1,010
Reserves	4,269	1,979	4,166	-	-	-	-	-	4,166	-	10,414
Sub Total Regional	4,791	2,223	4,410	-	-	-	-	-	4,410	-	11,424
Total Available Financing	4,791	2,223	4,410	-	-	-	-	-	4,410	-	11,424
Total Financing Sources	4,791	2,223	4,410	-	-	-	-	-	4,410	-	11,424

Program Group: Capital Allocated Salaries (PSB & Client Projects)

Gross Expenditures											
14901 Project Management Fees	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829
Total	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829
Financing Sources											
Reserves	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829
Sub Total Regional	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829
Total Available Financing	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829
Total Financing Sources	-	2,133	2,696	-	-	-	-	-	2,696	-	4,829

2014 Capital Budget
Property Services - Total Capital Spending Authority
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	39,673	11,902	75,497	1,390	845	957	1,045	831	80,565	-	132,140
Regional											
Current Tax Levy - Reserves	1,767	244	244	-	-	-	-	-	244	-	2,255
Development Charges	-	-	2,200	-	-	-	-	-	2,200	-	2,200
Reserves	28,538	7,677	57,851	-	-	-	-	-	57,851	-	94,066
Sub Total Regional	30,305	7,921	60,295	-	-	-	-	-	60,295	-	98,521
External											
Federal Funding	4,237	-	-	-	-	-	-	-	-	-	4,237
Provincial Funding	4,049	-	-	-	-	-	-	-	-	-	4,049
Other Recoveries	42	-	-	-	-	-	-	-	-	-	42
Sub Total External	8,328	-	-	-	-	-	-	-	-	-	8,328
Total Available Financing	38,633	7,921	60,295	-	-	-	-	-	60,295	-	106,849
Debenture											
Debenture Proceeds	1,040	-	-	-	-	-	-	-	-	-	1,040
Debenture Proceeds DC	-	238	-	-	-	-	-	-	-	-	238
Debenture Proceeds Tax Levy	-	2,724	15,202	1,390	845	957	1,045	831	20,270	-	22,994
Debenture Proceeds Other	-	1,019	-	-	-	-	-	-	-	-	1,019
Sub Total Debenture	1,040	3,981	15,202	1,390	845	957	1,045	831	20,270	-	25,291
Total Financing Sources	39,673	11,902	75,497	1,390	845	957	1,045	831	80,565	-	132,140

2014 Capital Budget Property Services - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Lease Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
14702	Energy Retrofits - Various Existing Buildings	575	-	575	-	-	-	-	-
14703	Corporate Services - Facilities Rehab & Repair	188	-	188	-	-	-	-	-
14704	Corporate Services - All Facilities Rehab & Repair	100	-	100	-	-	-	-	-
14706	Roads Facilities Rehab & Repair	73	-	73	-	-	-	-	-
14708	Water & Waste Water Facilities Rehab & Repair	543	-	543	-	-	-	-	-
14709	York Region Transit Facilities Rehab & Repair	134	-	134	-	-	-	-	-
14711	Employment & Financial Sppt Facilities Rehab & Repair	10	-	10	-	-	-	-	-
14712	Family & Child Services Facilities Rehab & Repair	163	-	163	-	-	-	-	-
14713	Long Term Care Facilities Rehab & Repair	2,095	-	2,095	-	-	-	-	-
14716	EMS Facilities Rehab & Repair	218	-	218	-	-	-	-	-
14721	LEED Existing Building certification	60	-	60	-	-	-	-	-
14722	South Corp Development Plan Implementation	48,000	-	45,800	-	2,200	-	-	-
14731	Green Energy Act Planning	50	-	50	-	-	-	-	-
14733	Accommodation Master Plan (AMP) Implementation	10,000	-	-	10,000	-	-	-	-
14740	Ontario Disability Act (ODA)	50	-	50	-	-	-	-	-
14750	Building Energy Studies	170	-	170	-	-	-	-	-
14751	Energy Initiatives	1,300	-	-	1,300	-	-	-	-
14755	Security & Life Safety Projects	50	-	50	-	-	-	-	-
14775	Property Services Branch (PSB) - General Capital (Corporate)	300	244	56	-	-	-	-	-
14780	Central Service Centre - Pre Construction	8,970	-	-	8,970	-	-	-	-
14790	Interval Meters	130	-	130	-	-	-	-	-
14791	Aurora Demand Response	200	-	200	-	-	-	-	-
14810	Property Services Branch (PSB) - Technology	180	-	180	-	-	-	-	-
14835	Audio - visual (AV) Equipment & Events	180	-	180	-	-	-	-	-
14855	Corporate Space Intensification Initiatives	3,000	-	3,000	-	-	-	-	-
14856	Corporate Furniture Management - Existing Furniture Program	50	-	50	-	-	-	-	-
14857	Courts Capital Projects	50	-	50	-	-	-	-	-
14858	CHS Capital Projects Capital Projects	720	-	720	-	-	-	-	-
14860	Workplace Violence Risk Assessment (Bill 168)	200	-	200	-	-	-	-	-
14882	Corporate Signage	110	-	110	-	-	-	-	-

2014 Capital Budget Property Services - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
14901	Project Management Fees	2,696	-	2,696	-	-	-	-	-
Total Tax Supported		80,565	244	57,851	20,270	2,200	-	-	-

2014 Capital Budget Property Services - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
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Program Group: Business Initiatives

Gross Expenditures											
14701	Energy Retrocommissioning	62	161	-	-	-	-	-	-	-	223
14731	Green Energy Act Planning	35	20	50	-	-	-	-	50	-	105
14733	Accommodation Master Plan (AMP) Implementation	-	-	10,000	-	-	-	-	10,000	-	10,000
14750	Building Energy Studies	130	23	170	250	250	250	1,300	2,470	-	2,623
14810	Property Services Branch (PSB) - Technology	471	130	180	-	-	-	-	180	-	781
Total		698	334	10,400	250	250	250	1,300	12,700	-	13,732

Financing Sources

	Reserves	698	334	400	250	250	250	1,300	2,700	-	3,732
Sub Total Regional		698	334	400	250	250	250	1,300	2,700	-	3,732
Total Available Financing		698	334	400	250	250	250	1,300	2,700	-	3,732
Total Debenture Requirements		-	-	10,000	-	-	-	-	10,000	-	10,000
Total Financing Sources		698	334	10,400	250	250	250	1,300	12,700	-	13,732

Program Group: Capital Improvements

Gross Expenditures											
14702	Energy Retrofits - Various Existing Buildings	1,381	192	575	-	-	-	-	575	-	2,148
14703	Corporate Services - Facilities Rehab & Repair	2,146	479	188	6,000	-	-	-	6,188	-	8,813
14704	Corporate Services - All Facilities Rehab & Repair	145	245	100	100	100	100	-	400	-	790
14706	Roads Facilities Rehab & Repair	503	188	73	10	909	78	15	2,690	-	3,381
14707	Solid Waste Facilities Rehab & Repair	73	30	-	-	109	-	2	285	-	388
14708	Water & Waste Water Facilities Rehab & Repair	1,054	390	543	1,102	229	640	217	3,558	-	5,002

2014 Capital Budget Property Services - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
14709	546	61	134	-	-	267	-	1,348	1,749	-	2,356
14711	124	-	10	20	30	20	20	30	130	-	254
14712	229	6	163	18	80	57	22	111	451	-	686
14713	2,558	650	2,095	755	-	1,870	-	4,455	9,175	-	12,383
14714	359	-	-	40	25	10	2	-	77	-	436
14716	135	20	218	78	19	11	64	290	680	-	835
14721	151	51	60	-	-	-	-	-	60	-	262
14740	266	40	50	-	-	-	-	-	50	-	356
14751	183	-	1,300	750	750	750	750	3,950	8,250	-	8,433
14755	696	315	50	-	-	-	-	-	50	-	1,061
14790	21	25	130	-	-	-	-	-	130	-	176
14791	30	-	200	-	-	-	-	-	200	-	230
14860	99	-	200	-	-	-	-	-	200	-	299
Total	10,699	2,692	6,089	8,873	2,251	3,803	1,092	12,790	34,898	-	48,289
Financing Sources											
Reserves	10,469	2,692	4,789	8,123	1,501	3,053	342	8,840	26,648	-	39,809
Sub Total Regional	10,469	2,692	4,789	8,123	1,501	3,053	342	8,840	26,648	-	39,809
Federal Funding	188	-	-	-	-	-	-	-	-	-	188
Other Recoveries	42	-	-	-	-	-	-	-	-	-	42
Sub Total External	230	-	-	-	-	-	-	-	-	-	230
Total Available Financing	10,699	2,692	4,789	8,123	1,501	3,053	342	8,840	26,648	-	40,039
Total Debtenture Requirements	-	-	1,300	750	750	750	750	3,950	8,250	-	8,250
Total Financing Sources	10,699	2,692	6,089	8,873	2,251	3,803	1,092	12,790	34,898	-	48,289

2014 Capital Budget Property Services - Projects by Program Group 10 Year Capital Plan (In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
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Program Group: Land Acquisition & Corporate Construction

Gross Expenditures

14722	South Corp Development Plan Implementation	1,054	2,200	48,000	-	-	-	-	48,000	-	51,254
14763	Bales EMS Central Operations Centre (ISF)	20,321	20	-	-	-	-	-	-	-	20,341
14780	Central Service Centre - Pre Construction	2,110	2,300	3,902	1,390	845	957	1,045	831	8,970	13,380
14781	Central Service Centre - Construction	-	-	-	15,102	72,186	74,656	41,043	202,987	-	202,987
Total		23,485	4,520	51,902	1,390	15,947	73,143	75,701	259,957	-	287,962

Financing Sources

	Current Tax Levy - Reserves	1,245	-	-	-	-	-	-	-	-	1,245
	Development Charges	-	-	2,200	-	-	-	-	2,200	-	2,200
	Reserves	13,102	539	45,800	-	-	-	-	45,800	-	59,441
	Sub Total Regional	14,347	539	48,000	-	-	-	-	48,000	-	62,886
	Federal Funding	4,049	-	-	-	-	-	-	-	-	4,049
	Provincial Funding	4,049	-	-	-	-	-	-	-	-	4,049
	Sub Total External	8,098	-	-	-	-	-	-	-	-	8,098
	Total Available Financing	22,445	539	48,000	-	-	-	-	48,000	-	70,984
	Total Debenture Requirements	1,040	3,981	3,902	1,390	15,947	73,143	41,874	211,957	-	216,978
	Total Financing Sources	23,485	4,520	51,902	1,390	15,947	73,143	41,874	259,957	-	287,962

Program Group: New Construction & Accommodation

Gross Expenditures

14775	Property Services Branch (PSB) - General Capital (Corporate)	653	300	300	300	300	300	300	1,575	3,075	4,028
14835	Audio - visual (AV) Equipment & Events	759	165	180	-	-	-	-	180	-	1,104

2014 Capital Budget
Property Services - Projects by Program Group
10 Year Capital Plan
(In \$000's)

Project	Spent to Date Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
14855 Corporate Space Intensification Initiatives	3,277	975	3,000	3,000	2,000	-	-	-	8,000	-	12,252
14856 Corporate Furniture Management - Existing Furniture Program	20	65	50	50	50	50	50	265	515	-	600
14857 Courts Capital Projects	82	40	50	-	-	-	-	-	50	-	172
14858 CHS Capital Projects Capital Projects	-	568	720	-	-	-	-	-	720	-	1,288
14882 Corporate Signage	-	110	110	50	50	50	50	265	575	-	685
Total	4,791	2,223	4,410	3,400	2,400	400	400	2,105	13,115	-	20,129
Financing Sources											
Current Tax Levy - Reserves	522	244	244	244	244	244	244	1,220	2,440	-	3,206
Reserves	4,269	1,979	4,166	3,156	2,156	156	156	885	10,675	-	16,923
Sub Total Regional	4,791	2,223	4,410	3,400	2,400	400	400	2,105	13,115	-	20,129
Total Available Financing	4,791	2,223	4,410	3,400	2,400	400	400	2,105	13,115	-	20,129
Total Financing Sources	4,791	2,223	4,410	3,400	2,400	400	400	2,105	13,115	-	20,129

Program Group: Capital Allocated Salaries (PSB & Client Projects)

Gross Expenditures											
14901 Project Management Fees	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890
Total	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890
Financing Sources											
Reserves	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890
Sub Total Regional	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890
Total Available Financing	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890
Total Financing Sources	-	2,133	2,696	2,997	3,657	3,889	4,143	16,375	33,757	-	35,890

2014 Capital Budget
Property Services - Total 10 Year Capital Expenditures
(In \$000's)

	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	39,673	11,902	75,497	16,910	24,505	81,485	81,586	74,444	354,427	-	406,002
Regional											
Current Tax Levy - Reserves	1,767	244	244	244	244	244	244	1,220	2,440	-	4,451
Development Charges	-	-	2,200	-	-	-	-	-	2,200	-	2,200
Reserves	28,538	7,677	57,851	14,526	7,564	7,348	4,891	27,400	119,580	-	155,795
Sub Total Regional	30,305	7,921	60,295	14,770	7,808	7,592	5,135	28,620	124,220	-	162,446
External											
Federal Funding	4,237	-	-	-	-	-	-	-	-	-	4,237
Provincial Funding	4,049	-	-	-	-	-	-	-	-	-	4,049
Other Recoveries	42	-	-	-	-	-	-	-	-	-	42
Sub Total External	8,328	-	-	-	-	-	-	-	-	-	8,328
Total Available Financing	38,633	7,921	60,295	14,770	7,808	7,592	5,135	28,620	124,220	-	170,774
Debenture											
Debenture Proceeds	1,040	-	-	-	-	-	-	-	-	-	1,040
Debenture Proceeds DC	-	238	-	-	-	-	-	-	-	-	238
Debenture Proceeds Tax Levy	-	2,724	15,202	2,140	16,697	73,893	76,451	45,824	230,207	-	232,931
Debenture Proceeds Other	-	1,019	-	-	-	-	-	-	-	-	1,019
Sub Total Debenture	1,040	3,981	15,202	2,140	16,697	73,893	76,451	45,824	230,207	-	235,228
Total Financing Sources	39,673	11,902	75,497	16,910	24,505	81,485	81,586	74,444	354,427	-	406,002

2014 Capital Budget Property Services - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

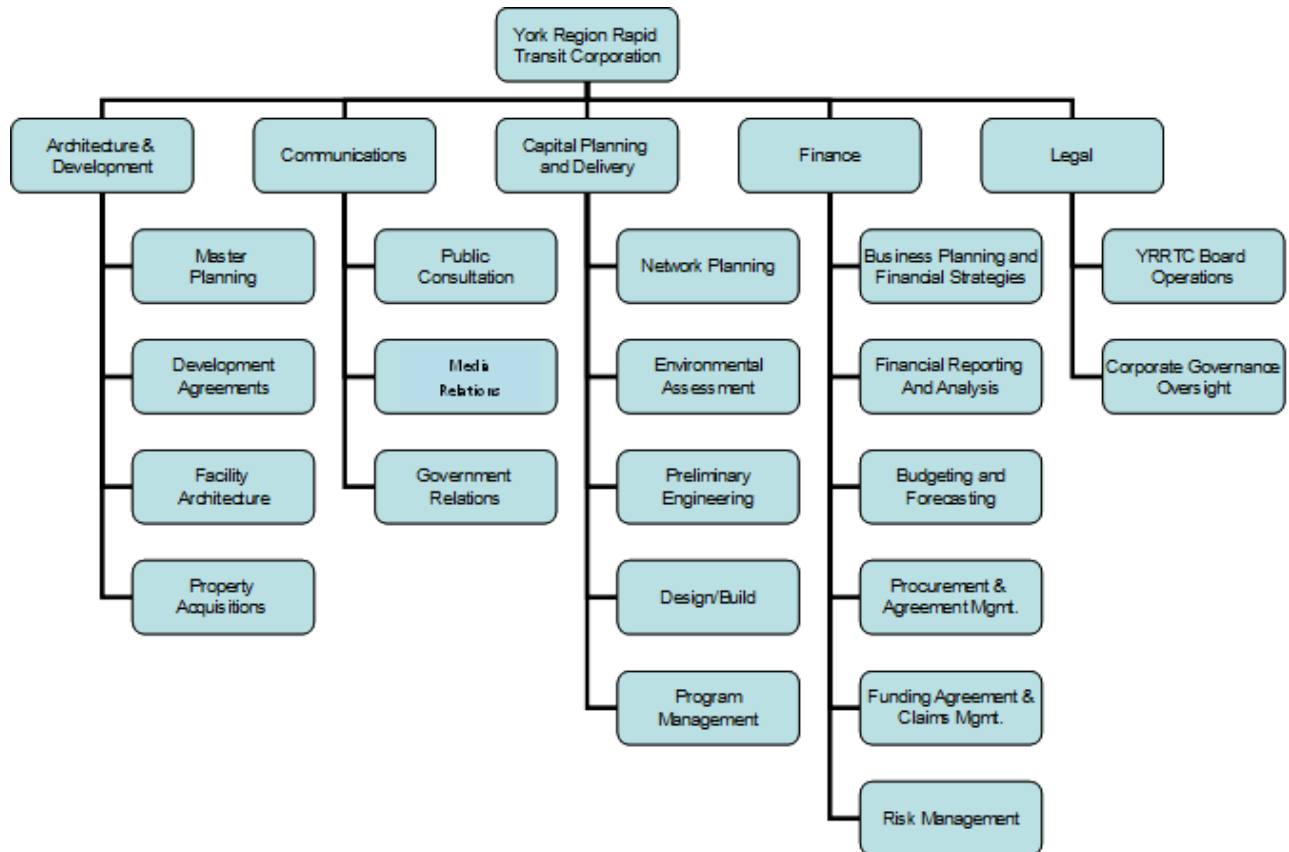
Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/ure Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
14702	Energy Retrofits - Various Existing Buildings	575	-	575	-	-	-	-	-
14703	Corporate Services - Facilities Rehab & Repair	6,188	-	6,188	-	-	-	-	-
14704	Corporate Services - All Facilities Rehab & Repair	400	-	400	-	-	-	-	-
14706	Roads Facilities Rehab & Repair	2,690	-	2,690	-	-	-	-	-
14707	Solid Waste Facilities Rehab & Repair	285	-	285	-	-	-	-	-
14708	Water & Waste Water Facilities Rehab & Repair	3,558	-	3,558	-	-	-	-	-
14709	York Region Transit Facilities Rehab & Repair	1,749	-	1,749	-	-	-	-	-
14711	Employment & Financial Sppt Facilities Rehab & Repair	130	-	130	-	-	-	-	-
14712	Family & Child Services Facilities Rehab & Repair	451	-	451	-	-	-	-	-
14713	Long Term Care Facilities Rehab & Repair	9,175	-	9,175	-	-	-	-	-
14714	Public Health Facilities Rehab & Repair	77	-	77	-	-	-	-	-
14716	EMS Facilities Rehab & Repair	680	-	680	-	-	-	-	-
14721	LEED Existing Building certification	60	-	60	-	-	-	-	-
14722	South Corp Development Plan Implementation	48,000	-	45,800	-	2,200	-	-	-
14731	Green Energy Act Planning	50	-	50	-	-	-	-	-
14733	Accommodation Master Plan (AMP) Implementation	10,000	-	-	10,000	-	-	-	-
14740	Ontario Disability Act (ODA)	50	-	50	-	-	-	-	-
14750	Building Energy Studies	2,470	-	2,470	-	-	-	-	-
14751	Energy Initiatives	8,250	-	-	8,250	-	-	-	-
14755	Security & Life Safety Projects	50	-	50	-	-	-	-	-
14775	Property Services Branch (PSB) - General Capital (Corporate)	3,075	2,440	635	-	-	-	-	-
14780	Central Service Centre - Pre Construction	8,970	-	-	8,970	-	-	-	-
14781	Central Service Centre - Construction	202,987	-	-	202,987	-	-	-	-
14790	Interval Meters	130	-	130	-	-	-	-	-
14791	Aurora Demand Response	200	-	200	-	-	-	-	-
14810	Property Services Branch (PSB) - Technology	180	-	180	-	-	-	-	-
14835	Audio - visual (AV) Equipment & Events	180	-	180	-	-	-	-	-
14855	Corporate Space Intensification Initiatives	8,000	-	8,000	-	-	-	-	-
14856	Corporate Furniture Management - Existing Furniture Program	515	-	515	-	-	-	-	-
14857	Courts Capital Projects	50	-	50	-	-	-	-	-

2014 Capital Budget Property Services - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
14858	CHS Capital Projects Capital Projects	720	-	720	-	-	-	-	-
14860	Workplace Violence Risk Assessment (Bill 168)	200	-	200	-	-	-	-	-
14882	Corporate Signage	575	-	575	-	-	-	-	-
14901	Project Management Fees	33,757	-	33,757	-	-	-	-	-
Total Tax Supported		354,427	2,440	119,580	230,207	2,200	-	-	-

Organizational Overview



Mission:

Our mission is to design and deliver an exceptional Rapid Transit network system and infrastructure that attracts, moves and connects people to York Region’s urban centres and destinations and shapes our living environment. This mission is further supported by a team of industry experts that understands and envisions the needs of our ever growing Region in which:

- People can move quickly, conveniently and reliably without a vehicle;
- Public transit is used extensively because it is attractive, easy to use, efficient and economical;
- People live, work, shop and play in close proximity to public transit;
- Employers locate in York Region because of its robust transit options for employees;
- Development and public transit are planned together to shape communities, support a sustainable future and promote energy conservation and contain urban sprawl.

Mandate:

Under its Articles of Incorporation, the York Region Rapid Transit Corporation (YRRTC) has broad powers in connection with the delivery and operation of a public transportation system. Its Articles permit YRRTC to:

- Operate and maintain a public transportation system;
- Construct and own the system, including the related land and facilities, provided that these facilities are new;
- Undertake transit-related development;
- Sell, lease and encumber related land and facilities;

Capital Strategy:

YRRTC is in a unique position to deliver an exceptional Rapid Transit system, valued at a combined total of \$21.2 billion, which will provide:

- Safer and faster movement of people through the implementation of dedicated rapidways that are expected to reduce transit travel times during peak periods by up to 40% along the most congested sections of the corridors;
- Safer and faster movement of goods along the Region's major land transportation routes resulting from a decrease in the rate of automobile congestion;
- Reduced production of greenhouse gases and other airborne pollutants as the result of a reduction in automobile transportation mode share and the number of vehicles idling on congested roads and highways during peak travel periods;
- Effective, mixed-use urban development to accommodate rapidly growing population and employment in sustainable transit villages with increased land use densities;
- Enhanced economic activity with improved inter-regional transit connections that support increasingly balanced two-way travel patterns to and from York Region for residents, employees and tourists; and
- Leading-edge technologies and operational practices to enhance customer service and minimize greenhouse gas emissions.

To accomplish our mission to deliver this exceptional rapid transit system that moves people quickly, connects communities and shapes our living environment, the organization is structured along the streams of Architecture, Communications, Capital Planning and Delivery, Finance, and Legal Services as elaborated in the Organizational chart.

YRRTC has partnered with private sector companies and government entities to design and deliver the Bus Rapid Transit (BRT) program, and use the services of an Owner's Engineer (OE) to assist staff with program management and implementation.

It must be noted that the form of partnership or procurement, for any given program, is heavily influenced by the requirements of Senior Government funding partners, who contribute to the majority of the current funded capital programs valued at \$3.2 billion.

Our strategy is to always "be ready". Since the capital programs are reliant on funding from Senior Levels of Government, it is necessary for project designs to be advanced to the point where

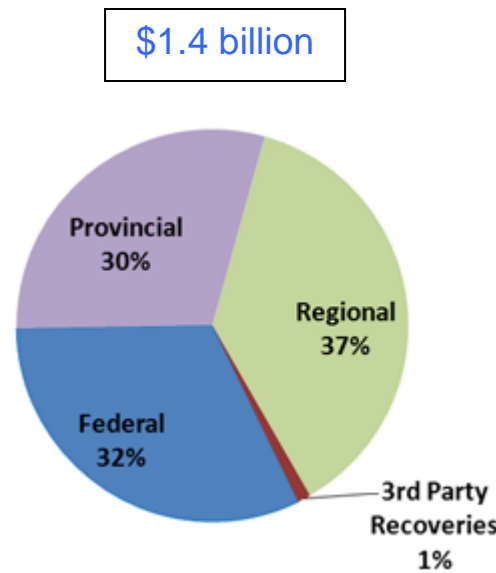
budgets and schedules are established to move to construction quickly. These elements are essential to increasing the likelihood of priority funding. In addition, our strategy is also to optimize the network and increase ridership. The Park ‘n’ Ride strategy implementation, which commenced in 2013, is an example of the approach to reduce congestion at key transit transfer points and to attract more riders.

Key Initiatives:

The current funded capital programs, valued at a combined total of \$3.2 billion (2007-2021), consists of all studies, property acquisitions, engineering designs and construction necessary to deliver the Bus Rapid Transit network, the required terminals and bus operations facilities, the subway extensions, and the parking solutions that maximize the effectiveness of the transit system and the return on investment.

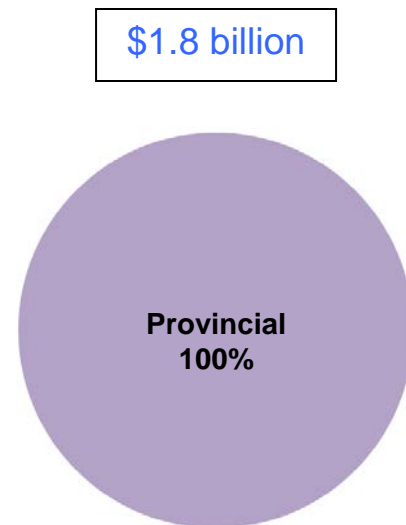
The programs and projects represented in the Capital Budget for Regional Council approval, are those that are funded in part or fully by York Region – valued at \$1.4 billion.

Note that for the purpose of receiving Regional Council approval, the fully funded Metrolinx Capital Budget for Bus Rapidways and Stations – valued at \$1.8 billion – is not included. But, while these projects do not require funding from York Region, they will result in increased operating costs once they have been constructed. The Net Operating Impact to York Region when these projects are completed is discussed later.



Funding Agreements:

- QuickWins Agreement
- Canada Strategic Infrastructure Fund (CSIF) Contribution Agreement
- TYSSE Contribution Agreement



Funding Agreements:

- QuickWins Agreement
- Metrolinx Master Agreement

Strategic Goals

YRRTC's strategic goals are aligned with the approved Transportation Master Plan that defines the Region's long-term transportation vision – York Region's "Vision 2051". Strategic priority areas as per the 2011-2015 Strategic Plan.

1. Regional Programs – Partly or Fully Funded by York Region - \$1.4 billion

- Develop and implement Rapid Transit Park 'n' Ride facilities;
- Complete construction of three new facilities and terminals:
 - Operations, Maintenance and Storage Facility (OMSF) – Headford Business Park in Richmond Hill
 - Cornell Terminal – Highway 7 East and Ninth Line in Markham
 - VMC Terminal – North of Highway 7 and Millway Avenue in Vaughan
- Ensure that the necessary infrastructure associated with the Spadina Subway is constructed and appropriately funded and in service by year end 2016 – i.e. VIVA concourse and Spadina Subway-VMC terminal;
- Advance funding support for the Yonge North Subway Extension, and maintain project momentum by progressing concept level design and preliminary engineering activities;
- Complete study to confirm rapid transit corridors prioritization of the 2010 Transportation Master Plan – implementation of the 2017 YRT-Viva, Network Upgrade Plan;
- Facilitate and participate in progressing Mobility Hubs;
- Continue to advance communications/outreach programs to support the business objectives and public/stakeholder information needs before and during construction.

2. Metrolinx Program - Fully Funded by Senior Levels of Government - \$1.8 billion

- Complete the bus rapidways and stations construction along Highway 7 East from Yonge St. to Warden Ave. (H3), Davis Drive from Yonge St. to Highway 404 (D1), and Highway 7 West from Bowes Rd. to Edgeley Blvd. (H2-VMC);
- Complete procurement process for the design-build of Yonge Street from Richmond Hill Centre to Major Mackenzie Drive (Y2.1) and Levedale Avenue to 19th Avenue (Y2.2), and south of Mulock Drive to Davis Drive (Y3.2), and start the construction of rapidway and stations in 2014;
- Commence the procurement for design-build of Highway 7 West (H2) rapidway between Yonge St. and Pine Valley Drive (excluding VMC section), and the connection between the existing rapidway at Enterprise Blvd. and Unionville GO station;
- Complete property acquisitions required for the remaining rapidway segments – Yonge Street, from Richmond Hill Centre to Major Mackenzie Drive (Y2.1) and Levedale Avenue to 19th Avenue (Y2.2) and south of Mulock Drive to Davis Drive (Y3.2); and Hwy. 7 West – Yonge St. to Pine Valley Drive (H2).

3. Programs – Unfunded Bus Rapid Transit and Light Rail Transit, per Transportation Master Plan - \$18.0 billion

- Region's share for the Yonge North Subway Extension - \$2.6 billion;
 - Overall project costs valued at \$3.4 billion;
- Remaining Rapidways - \$15.3 billion;
- 100 new BRT vehicles to support the new Rapidways - \$122.1 million;
 - Current existing fleet of 123 buses.

Long Term Outlook:

Regional Capital Programs Partly or Fully funded by York Region - \$1.4 billion:

Expenditures decline over the next 5-10 years for projects that are partially or fully funded by York Region.

Approximately 75% of the Capital Budget of \$1.4 billion will occur by 2014. The primary reason for this is that the Spadina Subway Extension needs to be in revenue service by year-end 2016 - with the bulk of capital expenditures occurring before that time.

As well, projects funded under the *Canada Strategic Infrastructure Fund Contribution Agreement* (CSIF) program, namely the completion of the Operations, Maintenance and Storage Facility (Bus Terminal & Garage) in Headford Business Park-Richmond Hill, the construction of a Bus Terminal at Cornell-Markham, and the purchase of 39 articulated buses, must be procured and completed by March 2018 to meet the funding agreement requirements and obligations.

Costs associated with the complete implementation of the identified rapidways in the Transportation Master Plan have not been included in the Capital Budget as funding sources have not been identified as of yet.

Similarly, project costs for the Yonge North Subway Extension program are not in the Capital Budget. Once funding sources have been identified, the estimated capital expenditures of \$2.6 billion, required to build in York Region, will be incorporated.

Per Article 2 of the York Region Rapid Transit Agreement, YRRTC acts as the Project Manager for the rapid transit projects partially or fully funded by the Region.

Metrolinx Capital Program that is Fully Funded by Senior Levels of Government, and is not part of the Capital Budget for Regional Council approval - \$1.8 billion:

Viva Phase 1 was completed in 2005 and consists of rapid transit services that run today in mixed traffic in four key corridors: 1) Highway 7 East; 2) Davis Drive; 3) Yonge Street; and 4) Highway 7 West.

VivaNext, the next phase of the project, includes the construction of approximately 36 kilometres of surface rapid transit in these same corridors, and integrates the extension of the Spadina subway and future Yonge North subway, north from Finch Ave. to the Richmond Hill Centre.

The elements of vivaNext that relate to bus rapid transit are fully funded by the Province through Metrolinx in the amount of \$1.8 billion (escalated dollars) - \$28 million from the QuickWins Announcement; \$1.76 billion from the Metrolinx Master Agreement executed in April, 2011.

Funding sources:

- QuickWins Announcement of \$67.6 million
- Provincial Announcement of \$1.4 billion (2008 dollars)

Per the Metrolinx Master Agreement and Project Charters, Metrolinx is the Project Sponsor and YRRTC is the Project Manager.

Net Operating Impact of the Regional and Metrolinx Capital Programs \$3.2 Billion:

To deliver the YRRTC Capital Programs, additional staffing resources and dedicated York Region FTEs will be required for 2014. This will have no net operating impact year-over-year as they will be 100% recovered through the Capital Programs.

1a – Incremental Staffing Resources

	2012 Budget	2013 Budget	2014 Outlook	2014 Proposed	Change to Outlook
Full-Time (PFT/TFT)	42	58	62	74	12
Part-Time (PPT)	1	1	1	1	0
Total Permanent	43	59	63	75	12
Net Change *	13.0	16.0	4.0	16.0	12.0

	2012 Budget	2013 Budget	2014 Outlook	2014 Proposed	Change to Outlook
Casual	1	1	1	1	0
Total Casual	1	1	1	1	0
Net Change	0	0	0	0	0

* Recoverable against the Capital Programs

1b – Incremental Dedicated York Region FTEs

Department	2012 Budget	2013 Budget	2014 Outlook	2014 Proposed	Change to Outlook
Legal Services	4.1	6.1	6.1	6.6	0.5
Property Services	11.0	12.0	13.0	15.0	2.0
TCP-Roads & Transit	8.0	11.0	11.0	12.0	1.0
Supplies & Services	0.0	2.0	2.0	2.0	0.0
TCP-I & CP	0.0	0.0	0.0	0.0	0.0
Long-Range Planning	0.0	0.0	0.0	0.0	0.0
Geomatics	0	0.0	0.0	0.0	0.0
Total	23.1	31.1	32.1	35.6	3.5
Net Change*	10.0	8.0	1.0	3.5	2.5

* Fully recoverable against the Metrolinx capital program
 TCP - Transportation and Community Planning
 I & CP- Infrastructure & Community Planning

2 – Net Operating Impact of Financing Costs

In the Regional Capital Program of \$1.4 billion, York Region’s share is \$510.5 million, which is funded through development charges and debentures. As such, there is an operating impact driven by financing costs year-over-year.

Incremental \$K	2014 Proposed	2015 Outlook	2016 Outlook	2017 Outlook	2018 Outlook	2019-2023 Outlook
Financing Cost	3,027	5,127	3,181	(942)	(321)	(3,294)
Revenue						
DC	2,524	4,317	2,347	1,102	(117)	(994)
Other Revenue	532	920	690	63	(50)	1,286
Sub-Total Revenue	3,056	5,237	3,037	1,165	(167)	292
Net Cost	(29)	(110)	144	(2,107)	(154)	(3,586)

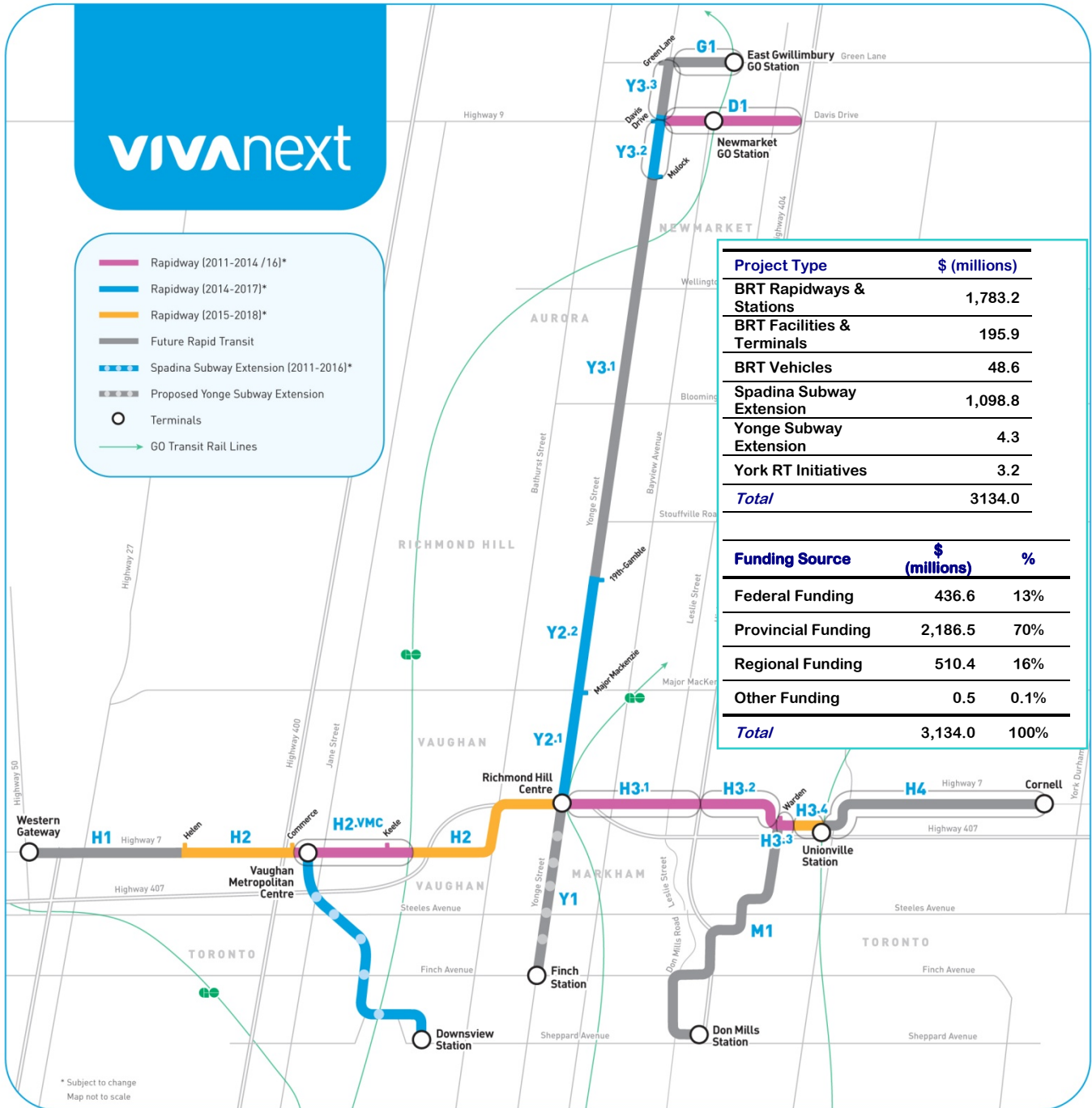
3 – Operating Impact of Delivery of Regional and Metrolinx Capital Programs

While all funded Capital Programs are project-managed by YRRTC, York Region is responsible for the operations and maintenance of the Rapid Transit system – per Article 3 of the York Region Rapid Transit Agreement. As such, as the Rapid Transit projects are delivered by YRRTC, there will be a net operating impact to York Region’s operating budget – per the table below, illustrates the year-over-year incremental changes.

Incremental \$K	2014 Proposed	2015 Outlook	2016 Outlook	2017 Outlook	2018 Outlook	2019-2023 Outlook
Transportation & Community Planning Services						
Transit - Viva Services	966	611	367	1,344	1,222	250
Transit - Facilities & Terminals (OMSF)	0	1,088	(1,088)	0	0	0
Traffic Management	245	214	185	140	100	30
Roads	948	1,231	1,951	(200)	900	(500)
Environmental Services						
Environmental Services	470	267	(100)	36	82	2,598
Total	2,629	3,411	1,315	1,320	2,304	2,378

Appendix A - Rapid Transit Plan - Funded

The projects represented on the below map are for the combined Capital Programs of \$3.2 billion as they represent the bulk of construction in York Region over the next five years.



York Region Rapid Transit Corporation

Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	779	700	(270)	400	-	-
Professional / Contracted Services	470	267	(100)	36	82	2,598
General Expenses	-	-	-	-	-	-
Financing Costs	3,027	5,127	3,181	(942)	(321)	(3,294)
Occupancy Costs	1,381	2,444	1,685	884	2,222	(220)
Contribution to Reserves	-	-	-	-	-	-
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	5,656	8,538	4,495	378	1,983	(916)
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	2,524	4,317	2,347	1,102	(117)	(994)
Contribution From Reserves	532	920	690	63	(50)	1,286
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	3,056	5,237	3,037	1,165	(167)	292
Net Operating Impact	2,600	3,301	1,458	(787)	2,150	(1,208)

2014 Capital Budget

York Region Rapid Transit Corporation-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
90992: Bus Rapid Transit (BRT) Facilities and Terminals	25,225	48,439	102,997	30,139	133,136	-	206,800
90993: Rapid Transit Vehicles	23,965	24,602	3,743	(3,743)	-	-	48,567
90994: Future Bus Rapid Transit	-	-	905	(905)	-	-	-
90995: Future Light Rail Transit	-	-	1,141	(1,141)	-	-	-
90996: Spadina Subway Extension	418,211	213,360	344,930	126,111	471,041	-	1,102,612
90997: Yonge Subway Extension	3,266	544	10,000	(9,500)	500	-	4,310
90999: Transport Upgrades & Initiatives	814	665	19,088	(17,400)	1,688	-	3,167
Total Gross Expenditures	471,481	287,610	482,804	123,561	606,365	-	1,365,456
Financing Sources							
Regional							
Development Charges	76,260	47,991	32,678	282	32,960	-	157,211
Reserves	39,505	1,005	12,026	1,886	13,912	-	54,422
Sub Total Regional	115,765	48,996	44,704	2,168	46,872	-	211,633
External							
Federal Funding	141,059	102,649	152,209	40,683	192,892	-	436,600
Provincial Funding	163,860	70,142	131,270	38,399	169,669	-	403,671
Other Recoveries	-	7,714	-	7,035	7,035	-	14,749
Sub Total External	304,919	180,505	283,479	86,117	369,596	-	855,020
Total Available Financing	420,684	229,501	328,183	88,285	416,468	-	1,066,653
Total Debenture Requirements	50,797	58,109	154,621	35,276	189,897	-	298,803
Total Financing Sources	471,481	287,610	482,804	123,561	606,365	-	1,365,456
Debtenture Proceeds DC	26,348	35,406	83,067	38,028	121,095	-	182,849
Debtenture Proceeds Tax Levy	24,449	22,703	71,554	(2,752)	68,802	-	115,954
Total Debtenture Requirements	50,797	58,109	154,621	35,276	189,897	-	298,803

2014 Capital Budget
York Region Rapid Transit Corporation - Capital Spending Authority
Gross Expenditures
(In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
90992 Bus Rapid Transit (BRT) Facilities and Terminals	25,225	48,439	68,598	30,449	19,668	8,609	4,331	1,481	133,136	-	206,800
90993 Rapid Transit Vehicles	23,965	24,602	-	-	-	-	-	-	-	-	48,567
90996 Spadina Subway Extension	418,211	213,360	217,534	131,718	121,789	-	-	-	471,041	-	1,102,612
90997 Yonge Subway Extension	3,266	544	500	-	-	-	-	-	500	-	4,310
90999 Transport Upgrades & Initiatives	814	665	665	665	358	-	-	-	1,688	-	3,167
Total Gross Expenditures	471,481	287,610	287,297	162,832	141,815	8,609	4,331	1,481	606,365	-	1,365,456

**2014 Capital Budget
York Region Rapid Transit Corporation - Capital Spending Authority
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Development Charges	76,260	47,991	19,381	7,639	4,368	1,572	-	-	32,960	-	157,211
Reserves	39,505	1,005	2,893	1,039	9,980	-	-	-	13,912	-	54,422
Sub Total Regional	115,765	48,996	22,274	8,678	14,348	1,572	-	-	46,872	-	211,633
External											
Federal Funding	141,059	102,649	96,281	57,783	38,828	-	-	-	192,892	-	436,600
Provincial Funding	163,860	70,142	78,651	43,457	43,247	4,314	-	-	169,669	-	403,671
Other Recoveries	-	7,714	4,040	1,040	1,955	-	-	-	7,035	-	14,749
Sub Total External	304,919	180,505	178,972	102,280	84,030	4,314	-	-	369,596	-	855,020
Total Available Financing	420,684	229,501	201,246	110,958	98,378	5,886	-	-	416,468	-	1,066,653
Debenture											
Debenture Proceeds DC	26,348	35,406	61,811	32,040	27,244	-	-	-	121,095	-	182,849
Debenture Proceeds Tax Levy	24,449	22,703	24,240	19,834	16,193	2,723	4,331	1,481	68,802	-	115,954
Sub Total Debenture	50,797	58,109	86,051	51,874	43,437	2,723	4,331	1,481	189,897	-	298,803
Total Financing Sources	471,481	287,610	287,297	162,832	141,815	8,609	4,331	1,481	606,365	-	1,365,456

2014 Capital Budget York Region Rapid Transit Corporation - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
90992	Bus Rapid Transit (BRT) Facilities and Terminals	133,136	-	50	40,576	25,051	63,919	-	3,540
90996	Spadina Subway Extension	471,041	-	13,207	149,321	6,376	298,642	-	3,495
90997	Yonge Subway Extension	500	-	500	-	-	-	-	-
90999	Transport Upgrades & Initiatives	1,688	-	155	-	1,533	-	-	-
Total Tax Supported		606,365	-	13,912	189,897	32,960	362,561	-	7,035

**2014 Capital Budget
York Region Rapid Transit Corporation - 10 Year Capital Expenditures
Gross Expenditures
(In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
90992 Bus Rapid Transit (BRT) Facilities and Terminals	25,225	48,439	68,598	30,449	19,668	8,609	4,331	1,481	133,136	-	206,800
90993 Rapid Transit Vehicles	23,965	24,602	-	-	-	-	-	-	-	-	48,567
90996 Spadina Subway Extension	418,211	213,360	217,534	131,718	121,789	-	-	-	471,041	-	1,102,612
90997 Yonge Subway Extension	3,266	544	500	-	-	-	-	-	500	-	4,310
90999 Transport Upgrades & Initiatives	814	665	665	665	358	-	-	-	1,688	-	3,167
Total Gross Expenditures	471,481	287,610	287,297	162,832	141,815	8,609	4,331	1,481	606,365	-	1,365,456

2014 Capital Budget
York Region Rapid Transit Corporation - 10 Year Capital Expenditures
Financing Sources (In \$000's)

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Development Charges	76,260	47,991	19,381	7,639	4,368	1,572	-	-	32,960	-	157,211
Reserves	39,505	1,005	2,893	1,039	9,980	-	-	-	13,912	-	54,422
Sub Total Regional	115,765	48,996	22,274	8,678	14,348	1,572	-	-	46,872	-	211,633
External											
Federal Funding	141,059	102,649	96,281	57,783	38,828	-	-	-	192,892	-	436,600
Provincial Funding	163,860	70,142	78,651	43,457	43,247	4,314	-	-	169,669	-	403,671
Other Recoveries	-	7,714	4,040	1,040	1,955	-	-	-	7,035	-	14,749
Sub Total External	304,919	180,505	178,972	102,280	84,030	4,314	-	-	369,596	-	855,020
Total Available Financing	420,684	229,501	201,246	110,958	98,378	5,886	-	-	416,468	-	1,066,653
Debenture											
Debenture Proceeds DC	26,348	35,406	61,811	32,040	27,244	-	-	-	121,095	-	182,849
Debenture Proceeds Tax Levy	24,449	22,703	24,240	19,834	16,193	2,723	4,331	1,481	68,802	-	115,954
Sub Total Debenture	50,797	58,109	86,051	51,874	43,437	2,723	4,331	1,481	189,897	-	298,803
Total Financing Sources	471,481	287,610	287,297	162,832	141,815	8,609	4,331	1,481	606,365	-	1,365,456

2014 Capital Budget York Region Rapid Transit Corporation - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
90992	Bus Rapid Transit (BRT) Facilities and Terminals	133,136	-	50	40,576	25,051	63,919	-	3,540
90996	Spadina Subway Extension	471,041	-	13,207	149,321	6,376	298,642	-	3,495
90997	Yonge Subway Extension	500	-	500	-	-	-	-	-
90999	Transport Upgrades & Initiatives	1,688	-	155	-	1,533	-	-	-
Total Tax Supported		606,365	-	13,912	189,897	32,960	362,561	-	7,035

INTENTIONAL BLANK

Capital Strategy

York Regional Police's capital plan has been developed to provide the infrastructure necessary to deliver quality policing services in one of the fastest growing areas in Canada. The York Regional Police (YRP) capital plan totals \$194.5 million over the next ten years and is classified into the following five categories: police fleet, facilities, communications equipment, information technology and specialized equipment.

The strategy can be summarized as growth driven by facility expansion. To support a fast-growing population, a 20-year Long-Term Facility Plan was developed to address intensification and expansion in the region, to correct an imbalance in workload between Districts, to meet projected calls for service, to rationalize and optimize public access, and to address centralized facilities.

The Long-Term Facility Plan identifies the following growth-related facilities: finish the Central Service Building 3rd floor (2014), build a new Training Branch Facility (2013-2016), replace Newmarket #1 District Headquarters (2016-2018), finish the Whitchurch-Stouffville sub-station (2013), and build new sub-stations in Southwest Vaughan (2015-2016), Southeast Buttonville (2020), Oak Ridges (2024) and Thornhill (2029).

The 10-year capital plan also includes continued investment in police fleet, communications equipment, information technology and specialized equipment to replace existing assets and to support the growth of York Region.

Expenditures totaling \$194.5 million will be funded via: development charge collections (\$67.3 million or 35%), debenture proceeds (\$46.0 million or 24%), reserves (\$61.3 million or 31%), external funding (\$7.9 million or 4%), development charges from reserves (\$8.8 million or 5%), and recoveries from vehicles (\$2.4 million or 1%).

Key Initiatives

Police Fleet

- Vehicles: with a ten-year budget totaling \$44.5 million, this is an annual project for the addition and replacement of marked, unmarked and special purpose vehicles in accordance with York Regional Police's vehicle replacement program. Vehicle replacement is based on mileage of approximately 140,000 – 200,000 kilometres. The replacement methodology was set to maximize residual value of vehicles at auction and minimize major component repair cost. The kilometre range coincides with the power train warranty as negotiated by the multi-agency co-operative purchasing group. The 2014 funding includes \$124,000 for special purpose vehicles which is comprised of a vehicle for the Integrated Domestic Violence Unit, a shuttle for the Central Services Building and a retrofit of an existing clandestine lab trailer.
- Police helicopter: this project includes major parts replacement for the current helicopter, Air2, including epicyclical and main module replacement in 2015 (\$0.3 million), engine overhaul and rental in 2016 (\$0.4 million), and camera retrofit in 2017 (\$0.4 million). It also funds the purchase of a new helicopter in 2018 (\$3.4 million) after Air2's retirement and related future parts replacement in the maintenance schedule.
- Marine patrol boats: this project funds replacement of the small boats intended to patrol lakes, streams and waterways. The total ten-year budget is \$0.3 million.

Facilities

- Central Services Building 3rd floor fit-out: in 2014, \$0.2 million is budgeted for the Central Services Building project to finish the third floor. This three-year project has a total cost of \$7.0 million with completion anticipated for spring of 2014. The Central Service Building is the new York Regional Police headquarters, and the third floor will be the home for all branches currently located at the York Region Administrative Center.
- Training branch facility: this three-year, \$19.4 million project started in 2013, and is expected to be completed by 2016. Originally approved at \$18 million in the 2013 budget, the budget has increased to account for a Construction Price Index adjustment to the original estimate. Located by Davis Dr. and Bales Dr. in Newmarket, this new facility will be the base for sworn officers, auxiliary officers and civilians to receive new recruit training, use of force training/re-qualification, first aid/cardio-pulmonary resuscitation certification, academic training, computer and technology training, and other specialized training.
- #3 District marine headquarters: the 2014 budget of \$2.4 million includes \$1.4 million in re-profiled funding from 2013, and \$1 million to reflect updated cost estimates. The new marine headquarters will host all YRP patrol boats and is located closer to the central area of Lake Simcoe. This will allow YRP to respond faster to any requests / emergencies on our lakes, streams and waterways.
- #1 District multi-functional facility: this project totals \$28 million and is planned for 2016-2018. Built in 1971, the current #1 District building was not originally designed as a police district. The building condition is deteriorating due to age and there is not enough office and parking space to support growth in Newmarket. Therefore, it has been identified as the highest priority in the Long-Term Facility Plan.

- Land bank acquisition: this project is to fund the land purchase for all the new sub-stations identified in the Long-Term Facility Plan; \$3 million has been planned for 2014, 2019 and 2023 each year.
- Sub-station outlook: this project provides funding of \$5 million in select years for the new sub-stations identified in the Long-Term Facility Plan, including locations in Vaughan (2015-2016), Buttonville (2020), Oak Ridges (2024), and Thornhill (2029) respectively. The sub-stations will supplement the current district headquarters and support the Region's growing population.
- Renovations #4 District headquarters: the 2014 funding of \$0.3 million is to replace a chiller and perimeter windows. The 2015-2016 funding of \$1.5 million in total is to renovate #4 District headquarters after the Training and Education Branch currently located in its basement moves out to the new training facility, and to increase office / parking space for the district members.
- Renovations / major equipment at existing facilities: the annual funding of \$0.25 million is for minor renovations and equipment replacement to existing facilities.

Communications Equipment

- Radio system replacement: this 2013-2014 two-year project totals \$27.5 million to replace the existing 1993 Motorola voice radio systems. The 2014 budget is \$13.5 million. The enhancement to newer technologies will provide inter-operable communications with neighbouring police services, upgrades to the Project 25 standards and encrypted transmission security.
- Portable and mobile radio replacement: seven years after the new Radio System is in place, the portable and mobile radio user gear will reach the end of their useful life and need to be replaced. The budget to replace the user gear is \$2.35 million per year for 2021 and 2022.

Information Technology

- Information Technology hardware: this annual project replaces aged desktop computers, laptops and printers in accordance with the Ever-Greening Strategy. The budget is approximately \$1.5 million annually with a total budget of \$15.7 million over ten years.
- Information Technology infrastructure and retention: this annual project targets the expanding records retention needs of the organization and new Information Technology initiatives. The budget is approximately \$0.9 million annually with a total budget of \$8.9 million over ten years.
- Employee scheduling: the \$0.2 million request is the third-year of a \$0.5 million project for scheduling software specifically designed for law enforcement organizations. It creates schedules based on varying work rules and shift patterns and accommodates schedule changes. The replacement budget is \$0.5 million planned for 2018 and then for 2023, on a five year replacement cycle.
- Talent management: this request is to purchase a talent management system for \$0.2 million in 2014, which will allow Human Resources to accept online applications and manage resumes / talent more effectively and efficiently.

- Digital evidence management: this \$0.5 million solution will be purchased in 2013 and provides for the authentication, organization, auditing and cataloging of digital photographs and video from in-car cameras, security cameras, closed circuit television and interview rooms. The replacement is planned for 2018 and 2023 for \$0.5 million each.

Specialized Equipment

- Closed-circuit for cell blocks / witness rooms: this is to purchase digital video recorders to capture images from the closed-circuit District security monitoring system. These are essential tools to monitor security and record evidence for investigations. The 2014 Budget is \$0.1 million to finish the project which started in 2012. The system will be replaced in 2019 for \$0.7 million.
- Forensic Laboratory: the 2014 funding of \$0.2 million is to fund the purchase of a portable laser scanner for crime scenes. High density laser scanning is critical to capture complete scene data. The newer equipment adds the ability to capture scenes in three dimensions. An additional \$1.8 million is also planned to replace other forensic lab equipment over ten years.
- Fingerprint identification: \$1.9 million is budgeted in 2019 to replace the fingerprint identification system every 10 years, based on the system's life expectancy.
- Telephone system replacement: \$4.3 million is budgeted in 2021 to replace the telephone system every 10 years, based on the system's life expectancy.
- In-car video: the 2014 budget of \$0.1 million will outfit 15 front-line vehicles and specialty vehicles with in-car camera and recording technology. The in-car videos of the entire fleet will be replaced during 2018-2020 with total replacement costs of \$2.1 million.
- Robotics / support services equipment: this project is to replace the robots utilized in emergency response situations and other equipment (such as bomb suits) needed by the Support Services unit. The robots and other equipment are essential tools to provide officers with added safety when they respond to emergencies and bomb threats. The total budget is \$0.8 million over ten years.
- Interception room: this project is to replace interception equipment utilized to monitor telephone activities of suspects, and provide evidence for investigations. The budget is \$1.3 million in each of 2017 and 2022 on a five year replacement cycle.
- Specialized equipment – other: annual budget of \$0.6 million which includes furniture, firearms, conductive energy and other equipment for staff.

New Projects Added to the 2014 Budget

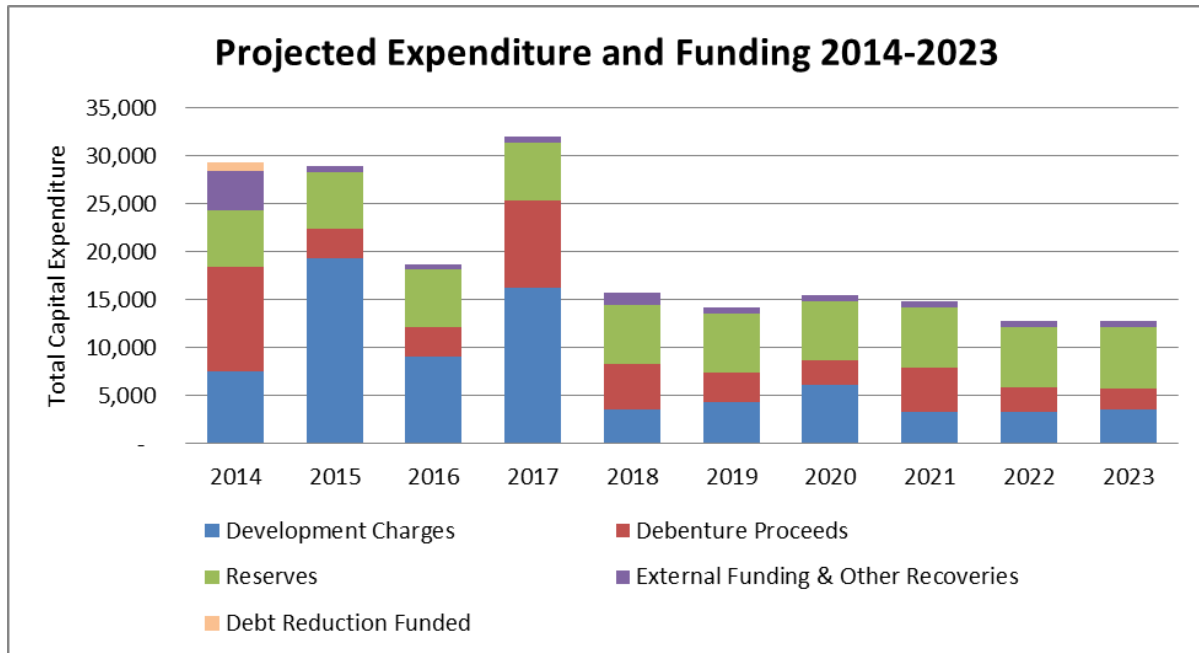
Due to an emphasis in the 2014 Budget to account for the lifecycle or replacement cost of existing assets the following projects have been added to the 2014 budget:

- Telephone system replacement: \$4.3 million in 2021 to replace the telephone system every 10 years, based on the system's life expectancy.
- Forensic Lab: a total of \$1.9 million is budgeted in 2014 and 2020 to replace all the equipment and systems used in the Forensic Lab every 10 years, based on their expected life expectancy.
- Fingerprint identification: \$1.9 million in 2019 to replace the fingerprint identification system every 10 years, based on the system's life expectancy.
- Specialized equipment: includes a \$1.9 million increase to fully account for replacement of the furniture equipment.
- Communication equipment: \$1.2 million to fully account for the replacement of the radio equipment using a seven year useful life.
- Other projects totalling \$2.4 million include robotics and support services equipment, talent management IT hardware, and closed-circuit for cell blocks / witness rooms to fully account for existing asset replacement.

Long Term Outlook

Expenditures and Funding Sources

The long-term outlook of capital expenditure and funding sources is presented in the charts below.



Capital spending in the 10 year plan peaks in 2017 and is largely concentrated in the first 5 years due to facility development plans. As a result, funding primarily relies on current and future development charges, which is subject to economic risk. Projects funded from the reserves, for vehicles, information technology and equipment, are projected to be stable with minor increases each year.

Net Operating Impact of New Capital Projects

The net operating impact of new capital projects is split between debt repayment driven by growth-related facility requirements, and direct program costs, resulting from annual vehicle and information technology replacement. Over ten years, debt repayment is estimated to be \$85.2 million in principal with interest payments of \$57.9 million and program costs for the same period estimated to be \$61.3 million.

York Regional Police Net Operating Impact of New Capital

(Figures in \$ 000's)	2014	2015	2016	2017	2018	2019 to 2023
Operating Costs						
Salaries and Benefits	-	-	-	-	-	-
Program Specific Costs	-	-	-	-	-	-
Professional / Contracted Services	-	-	-	-	-	-
General Expenses	-	-	-	-	-	-
Financing Costs	319	3,585	1,902	1,416	1,599	4,475
Occupancy Costs	-	-	-	-	-	-
Contribution to Reserves	-	50	50	50	50	250
Internal Charges / Recoveries	-	-	-	-	-	-
Minor Capital	-	-	-	-	-	-
Direct Charges & Intra Dept. Costs	-	-	-	-	-	-
Total Gross Cost	319	3,635	1,952	1,466	1,649	4,725
Revenue						
Grant Subsidies	-	-	-	-	-	-
User Fees	-	-	-	-	-	-
Fees and Charges	-	-	-	-	-	-
Development Charges	161	1,361	1,252	870	801	2,478
Contribution From Reserves	-	-	-	-	-	-
Third Party Recoveries	-	-	-	-	-	-
Court Revenues Disbursement	-	-	-	-	-	-
Total Revenue	161	1,361	1,252	870	801	2,478
Net Operating Impact	158	2,274	700	596	848	2,247

2014 Capital Budget

York Regional Police-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Gross Expenditures							
29038: Outfit 3rd Floor - 47 Don Hilllock Drive Aurora	448	6,300	200	-	200	-	6,948
29040: Training Facility	-	250	17,250	2,150	19,400	-	19,650
29041: Whitchurch - Stouffville Sub - Station	-	1,200	-	-	-	-	1,200
29043: Renovations #4 District	-	-	-	325	325	1,500	1,825
29045: Land Bank Acquisition	-	-	-	3,000	3,000	6,000	9,000
29046: Substation Outlook	-	-	-	-	-	15,000	15,000
27100: #1 District Multi - Functional Facility	-	-	-	-	-	28,000	28,000
27400: Southwest substation in Vaughan	-	-	10,000	(10,000)	-	-	-
27730: Marine Patrol Boat	493	-	165	(165)	-	315	808
27820: Police Helicopter	607	437	-	-	-	5,464	6,508
27910: Robotics and Support Services Equipment	-	-	-	-	-	800	800
26540: Forensic Identification Unit	-	-	-	160	160	3,663	3,823
29023: Specialized Equipment - Investigative Services	1,321	-	-	-	-	2,642	3,963
29032: Digital Evidence Management System	-	250	-	-	-	900	1,150
29035: Closed Circuit System	123	-	-	130	130	716	969
28160: Telephone System Replacement	-	-	-	-	-	4,300	4,300
29022: Information Technology Hardware	1,325	1,468	1,470	(35)	1,435	14,260	18,488
29026: In - Car Video Equipment	671	625	450	(319)	131	2,100	3,527
29028: Portable and Mobile Radio Replacements	-	-	-	-	-	4,704	4,704
29030: IT Infrastructure and Retention	991	580	971	(169)	802	8,106	10,479
29039: Employee Scheduling	200	79	-	156	156	900	1,335

2014 Capital Budget

York Regional Police-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
29042: Radio System	-	14,000	13,500	-	13,500	-	27,500
29044: Police Talent Management	-	-	-	150	150	-	150
29010: Vehicles - Replacement & Additional	4,411	4,089	4,090	(21)	4,069	40,470	53,039
29017: Specialized Equip - Growth Staff	357	620	528	404	932	5,580	7,489
29031: #3 District - Marine Headquarters	37	80	-	2,420	2,420	-	2,537
29033: Renovations to Existing Facilities	477	220	250	(250)	-	2,250	2,947
Total Gross Expenditures	11,461	30,198	48,874	(2,064)	46,810	147,670	236,139
Financing Sources							
Regional							
Current Tax Levy - Reserves	5,192	5,900	6,083	(6,083)	-	-	11,092
Development Charges	325	1,245	1,296	(441)	855	7,906	10,331
Other Recoveries	286	3,877	3,880	(45)	3,835	4,030	12,028
Reserves	2,299	250	-	6,860	6,860	55,350	64,759
Sub Total Regional	8,102	11,272	11,259	291	11,550	67,286	98,210
External							
Provincial Funding	1,321	-	-	-	-	-	1,321
Other Recoveries	290	-	-	242	242	2,178	2,710
Sub Total External	1,611	-	-	242	242	2,178	4,031
Total Available Financing	9,713	11,272	11,259	533	11,792	69,464	102,241
Total Debenture Requirements	1,748	18,926	37,615	(2,597)	35,018	78,206	133,898
Total Financing Sources	11,461	30,198	48,874	(2,064)	46,810	147,670	236,139
Debtenture Proceeds	1,748	-	-	-	-	-	1,748
Debtenture Proceeds DC	-	6,333	20,748	1,607	22,355	44,910	73,598
Debtenture Proceeds Tax Levy	-	12,593	16,867	(4,204)	12,663	33,296	58,552

2014 Capital Budget

York Regional Police-Capital Spending Authority Outlook Change

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014 CSA Approved Outlook	2014 CSA Change	Approved 2014 CSA	Remaining Plan Total	Estimated Total Project Cost
Total Debenture Requirements	1,748	18,926	37,615	(2,597)	35,018	78,206	133,898

2014 Capital Budget
York Regional Police - Capital Spending Authority
Gross Expenditures
(In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Cost
29038	448	6,300	200	-	-	-	-	-	200	-	6,948
29040	-	250	1,940	15,520	1,940	-	-	-	19,400	-	19,650
29041	-	1,200	-	-	-	-	-	-	-	-	1,200
29043	-	-	325	-	-	-	-	-	325	-	325
29045	-	-	3,000	-	-	-	-	-	3,000	-	3,000
27730	493	-	-	-	-	-	-	-	-	-	493
27820	607	437	-	-	-	-	-	-	-	-	1,044
26540	-	-	160	-	-	-	-	-	160	-	160
29023	1,321	-	-	-	-	-	-	-	-	-	1,321
29032	-	250	-	-	-	-	-	-	-	-	250
29035	123	-	130	-	-	-	-	-	130	-	253
29022	1,325	1,468	1,435	-	-	-	-	-	1,435	-	4,228
29026	671	625	131	-	-	-	-	-	131	-	1,427
29030	991	580	802	-	-	-	-	-	802	-	2,373
29039	200	79	156	-	-	-	-	-	156	-	435
29042	-	14,000	13,500	-	-	-	-	-	13,500	-	27,500
29044	-	-	150	-	-	-	-	-	150	-	150
29010	4,411	4,089	4,069	-	-	-	-	-	4,069	-	12,569
29017	357	620	932	-	-	-	-	-	932	-	1,909
29031	37	80	2,420	-	-	-	-	-	2,420	-	2,537
29033	477	220	-	-	-	-	-	-	-	-	697
Total Gross Expenditures	11,461	30,198	29,350	15,520	1,940	-	-	-	46,810	-	88,469

2014 Capital Budget
York Regional Police - Capital Spending Authority
Financing Sources (In \$000's)

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	Total Capital Spending Authority	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	5,192	5,900	-	-	-	-	-	-	-	-	11,092
Development Charges	325	1,245	855	-	-	-	-	-	855	-	2,425
Other Recoveries	286	3,877	3,835	-	-	-	-	-	3,835	-	7,998
Reserves	2,299	250	6,860	-	-	-	-	-	6,860	-	9,409
Sub Total Regional	8,102	11,272	11,550	-	-	-	-	-	11,550	-	30,924
External											
Provincial Funding	1,321	-	-	-	-	-	-	-	-	-	1,321
Other Recoveries	290	-	242	-	-	-	-	-	242	-	532
Sub Total External	1,611	-	242	-	-	-	-	-	242	-	1,853
Total Available Financing	9,713	11,272	11,792	-	-	-	-	-	11,792	-	32,777
Debenture											
Debenture Proceeds	1,748	-	-	-	-	-	-	-	-	-	1,748
Debenture Proceeds DC	-	6,333	6,641	13,968	1,746	-	-	-	22,355	-	28,688
Debenture Proceeds Tax Levy	-	12,593	10,917	1,552	194	-	-	-	12,663	-	25,256
Sub Total Debenture	1,748	18,926	17,558	15,520	1,940	-	-	-	35,018	-	55,692
Total Financing Sources	11,461	30,198	29,350	15,520	1,940	-	-	-	46,810	-	88,469

2014 Capital Budget York Regional Police - 2014 Capital Spending Authority Financing Sources by Project

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
29038	Outfit 3rd Floor - 47 Don Hillock Drive Aurora	200	-	-	200	-	-	-	-
29040	Training Facility	19,400	-	-	19,400	-	-	-	-
29043	Renovations #4 District	325	-	325	-	-	-	-	-
29045	Land Bank Acquisition	3,000	-	-	3,000	-	-	-	-
26540	Forensic Identification Unit	160	-	160	-	-	-	-	-
29035	Closed Circuit System	130	-	130	-	-	-	-	-
29022	Information Technology Hardware	1,435	-	1,435	-	-	-	-	-
29026	In - Car Video Equipment	131	-	88	-	43	-	-	-
29030	IT Infrastructure and Retention	802	-	-	802	-	-	-	-
29039	Employee Scheduling	156	-	60	96	-	-	-	-
29042	Radio System	13,500	-	-	10,000	-	-	-	3,500
29044	Police Talent Management	150	-	150	-	-	-	-	-
29010	Vehicles - Replacement & Additional	4,069	-	3,492	-	-	-	-	577
29017	Specialized Equip - Growth Staff	932	-	120	-	812	-	-	-
29031	#3 District - Marine Headquarters	2,420	-	900	1,520	-	-	-	-
Total Tax Supported		46,810	-	6,860	35,018	855	-	-	4,077

2014 Capital Budget York Regional Police - 10 Year Capital Expenditures Gross Expenditures (In \$000's)

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
29038	448	6,300	200	-	-	-	-	-	200	-	6,948
29040	-	250	1,940	15,520	1,940	-	-	-	19,400	-	19,650
29041	-	1,200	-	-	-	-	-	-	-	-	1,200
29043	-	-	325	500	1,000	-	-	-	1,825	-	1,825
29045	-	-	3,000	-	-	-	-	6,000	9,000	-	9,000
29046	-	-	-	5,000	5,000	-	-	5,000	15,000	-	15,000
27100	-	-	-	-	2,800	22,400	2,800	-	28,000	-	28,000
27730	493	-	-	-	65	-	250	-	315	-	808
27820	607	437	-	340	425	437	3,400	862	5,464	-	6,508
27910	-	-	-	150	-	250	-	400	800	-	800
26540	-	-	160	-	-	-	-	3,663	3,823	-	3,823
29023	1,321	-	-	-	-	1,321	-	1,321	2,642	-	3,963
29032	-	250	-	-	-	-	450	450	900	-	1,150
29035	123	-	130	-	-	-	-	716	846	-	969
28160	-	-	-	-	-	-	-	4,300	4,300	-	4,300
29022	1,325	1,468	1,435	1,460	1,490	1,520	1,550	8,240	15,695	-	18,488
29026	671	625	131	-	-	-	700	1,400	2,231	-	3,527
29028	-	-	-	-	-	-	-	4,704	4,704	-	4,704
29030	991	580	802	911	865	850	870	4,610	8,908	-	10,479
29039	200	79	156	-	-	-	450	450	1,056	-	1,335
29042	-	14,000	13,500	-	-	-	-	-	13,500	-	27,500
29044	-	-	150	-	-	-	-	-	150	-	150
29010	4,411	4,089	4,069	4,150	4,230	4,320	4,400	23,370	44,539	-	53,039
29017	357	620	932	620	620	620	620	3,100	6,512	-	7,489
29031	37	80	2,420	-	-	-	-	-	2,420	-	2,537
29033	477	220	-	250	250	250	250	1,250	2,250	-	2,947

**2014 Capital Budget
 York Regional Police - 10 Year Capital Expenditures
 Gross Expenditures
 (In \$000's)**

Project	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Cost
Total Gross Expenditures	11,461	30,198	29,350	28,901	18,685	31,968	15,740	69,836	194,480	-	236,139

**2014 Capital Budget
York Regional Police - 10 Year Capital Expenditures
Financing Sources (In \$000's)**

(In \$000's)	Actual Spent to Dec 31/2012	2013 Year-End Forecast	2014	2015	2016	2017	2018	2019 to 2023	10 Years 2014 to 2023	Balance to Complete	Total Estimated Financing
Regional											
Current Tax Levy - Reserves	5,192	5,900	-	-	-	-	-	-	-	-	11,092
Development Charges	325	1,245	855	859	863	868	873	4,443	8,761	-	10,331
Other Recoveries	286	3,877	3,835	340	350	360	1,060	1,920	7,865	-	12,028
Reserves	2,299	250	6,860	5,950	6,000	6,050	6,100	31,250	62,210	-	64,759
Sub Total Regional	8,102	11,272	11,550	7,149	7,213	7,278	8,033	37,613	78,836	-	98,210
External											
Provincial Funding	1,321	-	-	-	-	-	-	-	-	-	1,321
Other Recoveries	290	-	242	242	242	242	242	1,210	2,420	-	2,710
Sub Total External	1,611	-	242	242	242	242	242	1,210	2,420	-	4,031
Total Available Financing	9,713	11,272	11,792	7,391	7,455	7,520	8,275	38,823	81,256	-	102,241
Debenture											
Debenture Proceeds	1,748	-	-	-	-	-	-	-	-	-	1,748
Debenture Proceeds DC	-	6,333	6,641	18,468	8,167	15,364	2,621	16,004	67,265	-	73,598
Debenture Proceeds Tax Levy	-	12,593	10,917	3,042	3,063	9,084	4,844	15,009	45,959	-	58,552
Sub Total Debenture	1,748	18,926	17,558	21,510	11,230	24,448	7,465	31,013	113,224	-	133,898
Total Financing Sources	11,461	30,198	29,350	28,901	18,685	31,968	15,740	69,836	194,480	-	236,139

2014 Capital Budget York Regional Police - 10 Year Plan Financing Sources by Project 2014 - 2023

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt/Levy Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
29038	Outfit 3rd Floor - 47 Don Hillock Drive Aurora	200	-	-	200	-	-	-	-
29040	Training Facility	19,400	-	-	19,400	-	-	-	-
29043	Renovations #4 District	1,825	-	325	1,500	-	-	-	-
29045	Land Bank Acquisition	9,000	-	-	9,000	-	-	-	-
29046	Substation OutLook	15,000	-	-	15,000	-	-	-	-
27100	#1 District Multi - Functional Facility	28,000	-	-	28,000	-	-	-	-
27730	Marine Patrol Boat	315	-	-	315	-	-	-	-
27820	Police Helicopter	5,464	-	-	4,764	-	-	-	700
27910	Robotics and Support Services Equipment	800	-	-	800	-	-	-	-
26540	Forensic Identification Unit	3,823	-	160	3,663	-	-	-	-
29023	Specialized Equipment - Investigative Services	2,642	-	-	2,642	-	-	-	-
29032	Digital Evidence Management System	900	-	-	900	-	-	-	-
29035	Closed Circuit System	846	-	130	716	-	-	-	-
28160	Telephone System Replacement	4,300	-	-	4,300	-	-	-	-
29022	Information Technology Hardware	15,695	-	15,695	-	-	-	-	-
29026	In - Car Video Equipment	2,231	-	88	2,100	43	-	-	-
29028	Portable and Mobile Radio Replacements	4,704	-	-	4,704	-	-	-	-
29030	IT Infrastructure and Retention	8,908	-	6,204	2,704	-	-	-	-
29039	Employee Scheduling	1,056	-	60	996	-	-	-	-
29042	Radio System	13,500	-	-	10,000	-	-	-	3,500
29044	Police Talent Management	150	-	150	-	-	-	-	-
29010	Vehicles - Replacement & Additional	44,539	-	36,128	-	2,326	-	-	6,085
29017	Specialized Equip - Growth Staff	6,512	-	120	-	6,392	-	-	-
29031	#3 District - Marine Headquarters	2,420	-	900	1,520	-	-	-	-
29033	Renovations to Existing Facilities	2,250	-	2,250	-	-	-	-	-
Total Tax Supported		194,480	-	62,210	113,224	8,761	-	-	10,285

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