

**2013**

**BUSINESS PLAN & BUDGET**

# CAPITAL

**As Approved at Regional Council**

**January 24, 2013**



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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
- 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
- Inter-connected 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 2013 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 six-fold, from 169,000 in 1971 to over 1,135,000 projected for 2013. 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 cost that is reasonable to taxpayers.

To this end, the Region has adopted a multi-year budgeting framework to guide the business planning process. The multi-year framework is intended to achieve better coordination of budgeting and strategic priorities, provide departments greater certainty in managing their expenditures, and improve fiscal discipline. As part of this process, Regional Council will consider a detailed budget for 2013 and a fiscal outlook for 2014.

## Need Category Framework

**1. Rehabilitation/Replacement:**  
Costs required for ongoing maintenance of existing assets

**2. Growth/Expansion**  
Costs required to maintain existing service levels of service for the Region's increased population

**3. Improvement/Enhancement**  
Expenditures that increase the level or quality of service currently provided

## Framework for Capital Budget Development

The Region uses the "Need Category" framework to inform and guide its annual capital business plan and budget development and review process. This framework clearly distinguishes between the capital expenditures for rehabilitation, growth, and enhancement. In addition, tangible capital assets are identified to adhere to the Public Sector Accounting Board (PSAB) requirements.

### Master Plans

The ten year capital program 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 program.

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 2013 capital budget and ten year capital program. The majority of the projects are for new capital infrastructure to address the growth and development demands of York Region. However, 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 2013 Business Plan and Budget was tabled at Council on November 15, 2012. The Business Plan and Budget included a detailed budget for 2013 and an outlook for 2014 for consideration by Council.

Following the tabling of the Budget at Council, departmental budgets were reviewed at their respective Standing Committees. These Standing Committee budget reviews will take place during November and December 2012.

Following completion of Standing Committee reviews, the 2013 proposed budget was presented to the Finance and Administration Committee on January 10, 2013. Finance and Administration Committee referred the consolidated Business Plan and Budget to Council for adoption. A Council education session took place on January 17, 2013. The 2013 Business Plan and Budget was adopted by Council on January 24, 2013.



### Budget Review and Approval Process

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

Proposed departmental budgets are then reviewed by Standing Committees of Council...

Finance and Administration Committee considers and consolidates Committee recommendations and forwards the Budget to Council for approval...

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

## Introduction

Capital budgeting is a crucial planning tool for the 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 and fiscal policies. 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

The first section of the 2013 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 following service areas:

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

Each of the service areas includes the following reports:

1. Capital Business Plan, including Capital Strategy, Key Initiatives, Long Term Outlook, and Pressures from the Net Operating Impact of Capital Projects
2. Ten-year capital plan detailing expenditures and the associated financing sources for the period 2013-2022
3. 2013 Capital Spending Authority and the associated financing sources
4. 2014 Incremental Capital Spending Authority and the associated financing sources
5. 2013 Capital Spending Authority by program
6. 2014 Incremental Capital Spending Authority by program.



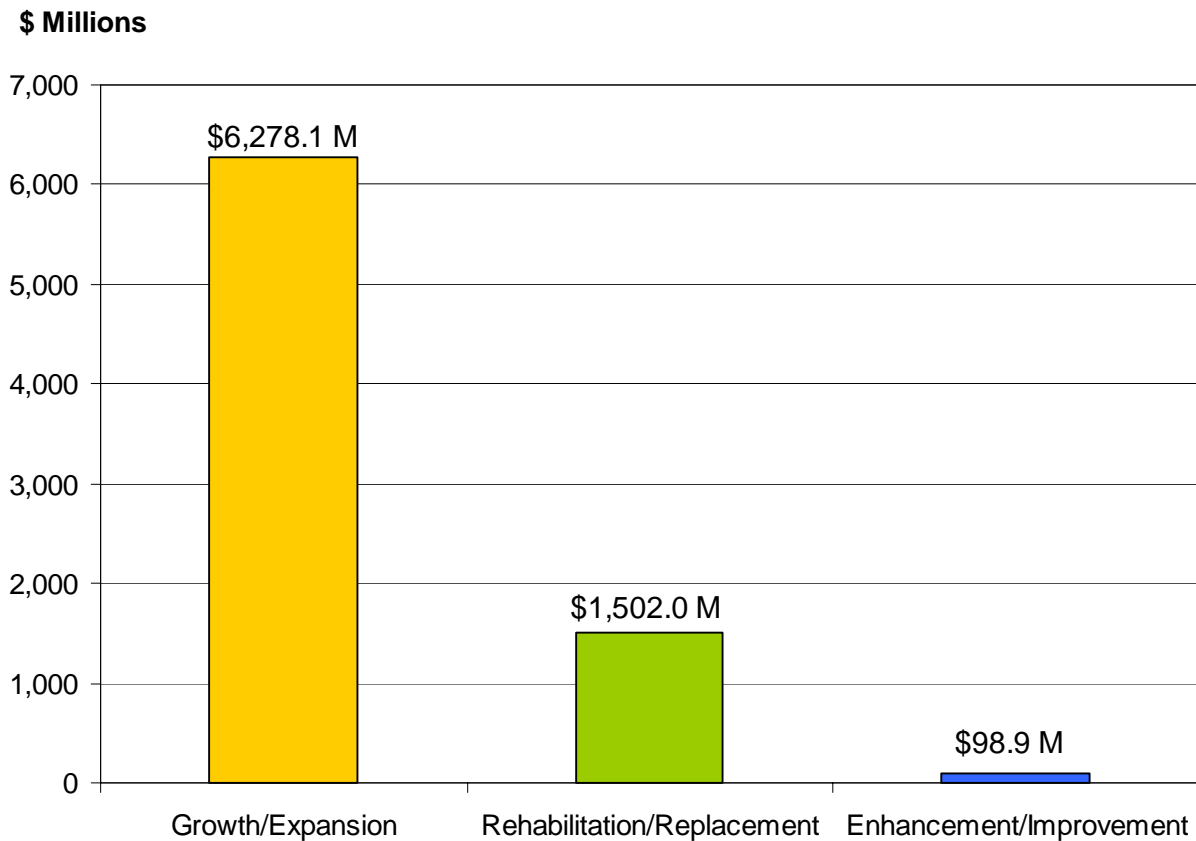
## Ten Year Capital Plan

The 2013 Capital Plan totals \$7.9 billion over the next ten years, of which \$1.2 billion is being recommended for gross capital expenditures in 2013.

High levels of investment are needed to put in place the infrastructure required to support future growth. Approximately 80% of the Ten Year Capital Plan expenditures are for growth/expansion related projects.

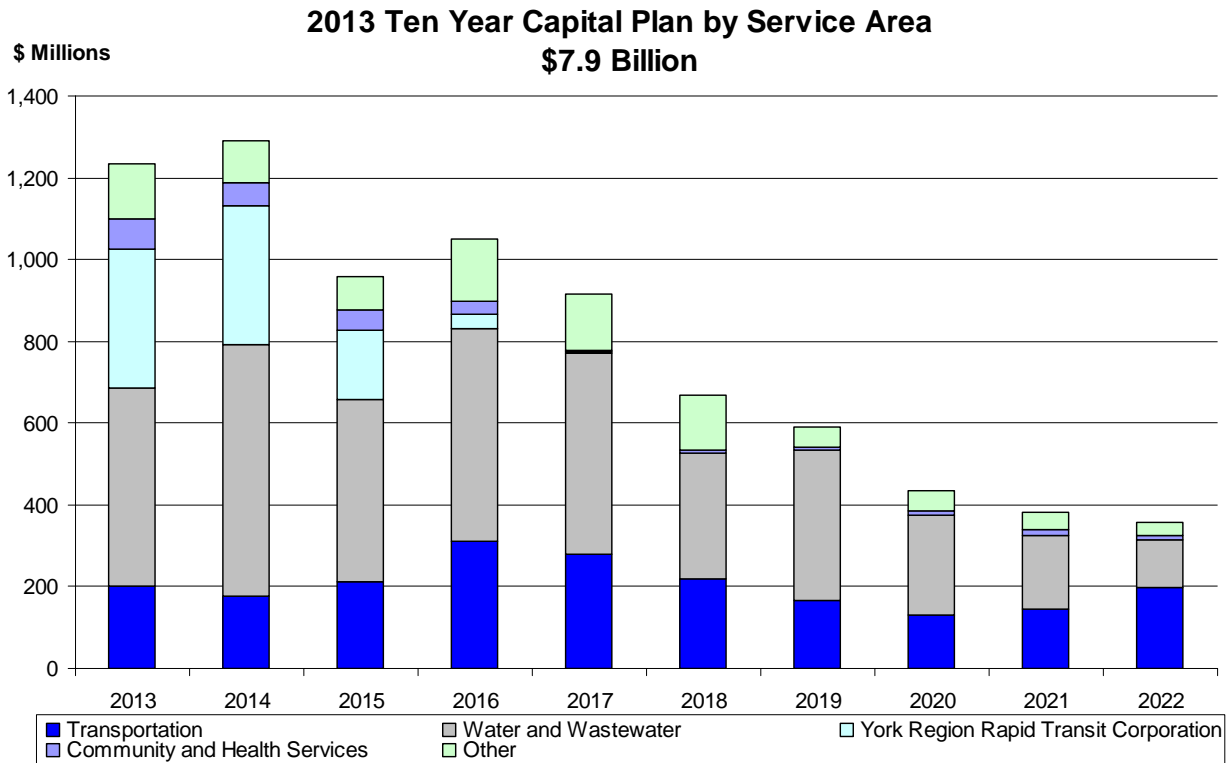
Below is a breakdown by need category:

**2013 Ten Year Gross Capital Expenditures  
by Need Category \$7.9 Billion**



Approximately 85% 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:



The primary drivers of the Ten Year Capital Plan are:

- Water and Wastewater \$3.8 billion
- Transportation \$2.0 billion
- York Region Rapid Transit Corporation \$0.9 billion.

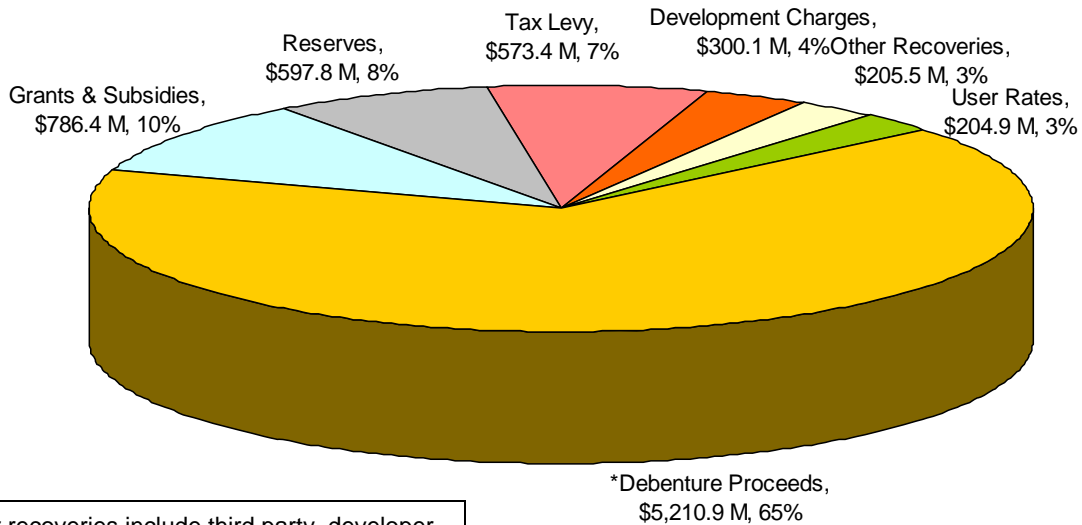
<sup>1</sup>Transportation includes: York Region Transit , Roads and Traffic Management and Intelligent Transportation Systems

<sup>2</sup>Community and Health Services includes: Emergency Medical Services, Long Term Care, Public Health and Housing Services

<sup>3</sup>Other includes: Waste Management, Natural Heritage and Forestry, Information Technology Services, Property Services and York Regional Police

Approximately 90% of the Capital Plan is financed through debentures and Regional sources.

## 2013 Ten Year Capital Financing by Category \$7.9 Billion



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

\*Debenture Proceeds, \$5,210.9 M, 65%

Financing from Regional sources amounts to \$1,881.7 million and includes financing from development charge 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 \$786.4 million includes grants and subsidies (including federal gas tax), and third party recoveries.

The \$5,210.9 million financed by debenture proceeds will be repaid through:

- Development Charges - \$3,818.8 million
- Tax Levy - \$735.3 million
- User Rates - \$615.4 million
- Other (e.g., tenant rents, subsidies from senior level of government) - \$41.4 million

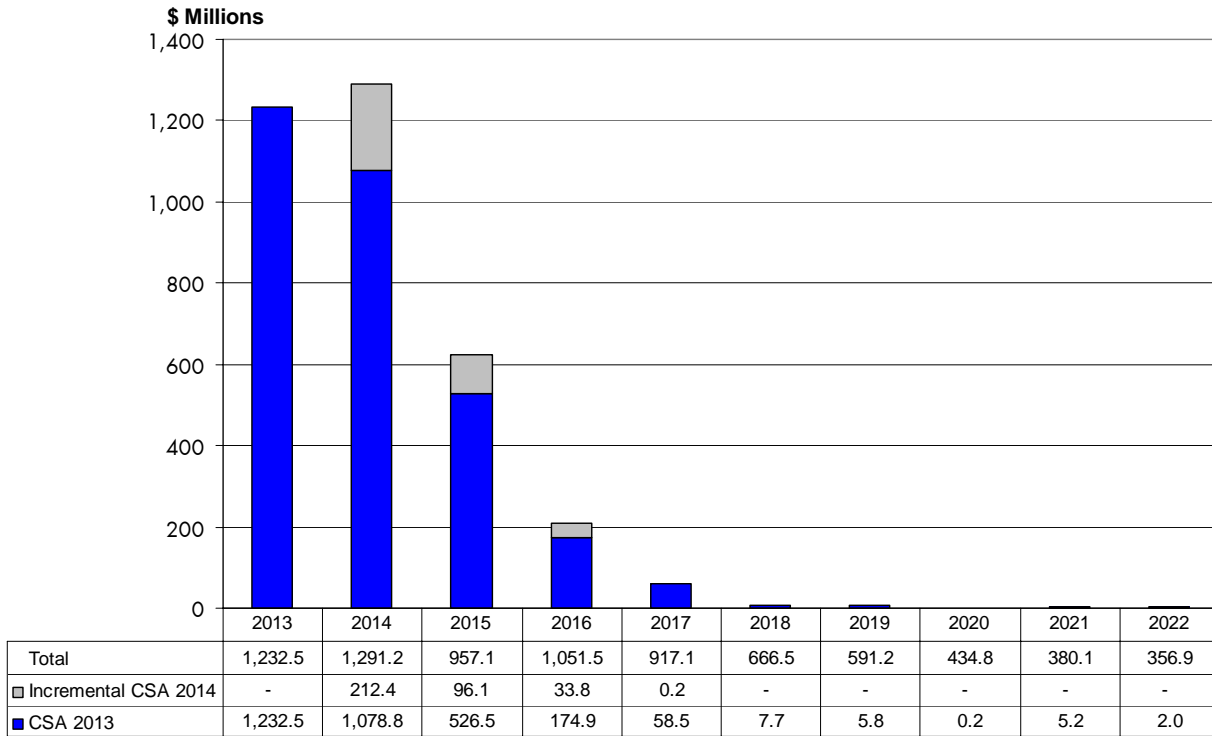
## Capital Spending Authority (CSA)

York Region continues to use the concept of Capital Spending Authority (formerly called TPBA - Total Project Budget Authority) in the development and approval of its 2013 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.

The 2013 Ten Year Capital Plan totals \$7.9 billion, which includes 2013 Capital Spending Authority of \$3.1 billion and 2014 incremental Capital Spending Authority of \$0.3 billion.

In addition to approving the 2013 Capital Spending Authority, Regional Council approved an outlook for 2014 incremental Capital Spending Authority.

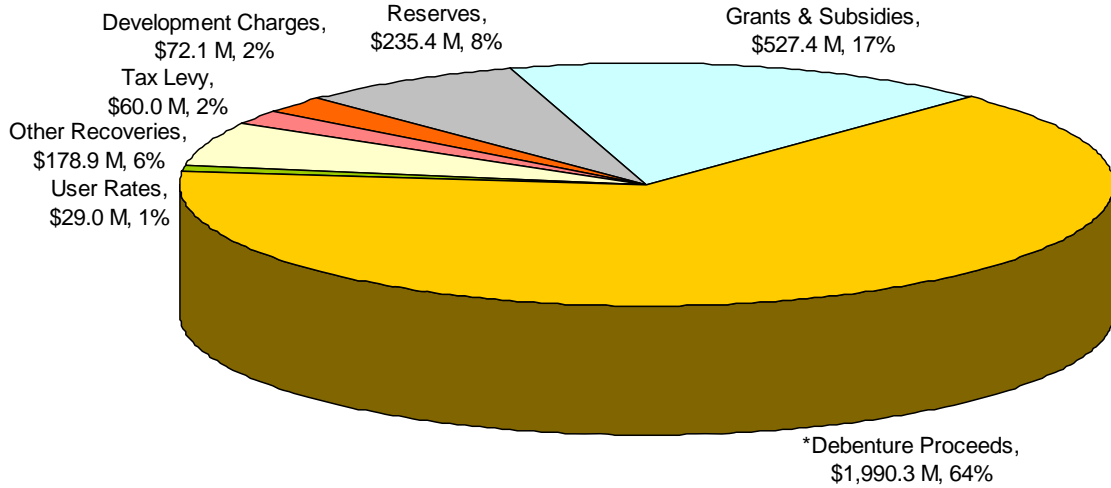
**2013 Ten Year Capital Plan Capital Spending Authority**



\*For Council approval purposes, an additional \$0.1M for CSA 2013 is required for activities beyond 2022.

# 2013 Capital Budget Financial Summary

The associated financing sources for the 2013 Capital Spending Authority of \$3,093 million are as follows:

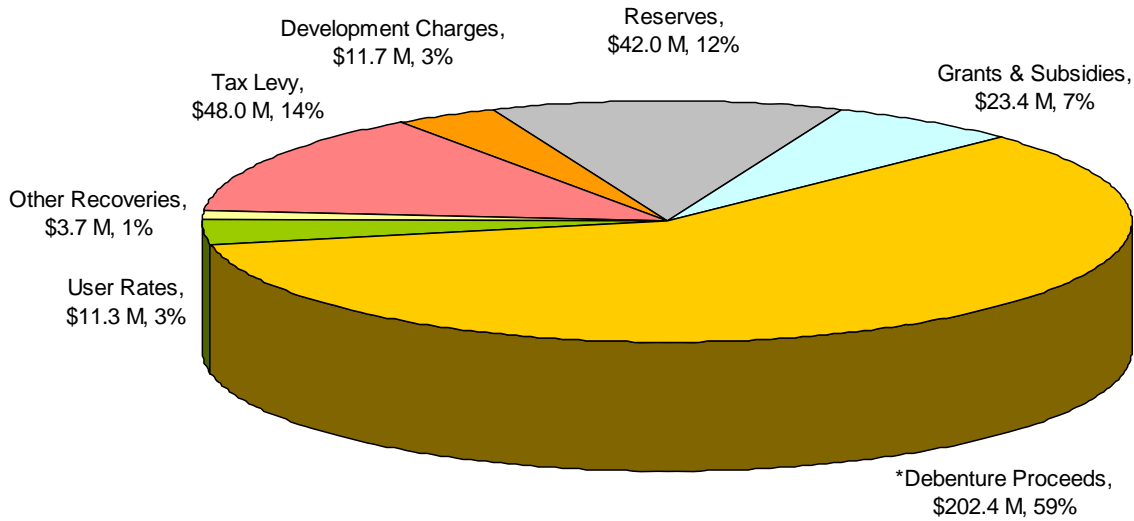


Note: Grants & Subsidies include Federal Gas Tax

Debenture proceeds of \$1,990.3 million include repayment of \$1,546.8 million in development charges, \$231.5 million in tax levy, \$195.5 million in user rates and \$16.5 million in others.

# 2013 Capital Budget Financial Summary

The associated financing sources for the 2014 Incremental Capital Spending Authority of \$343 million are as follows:



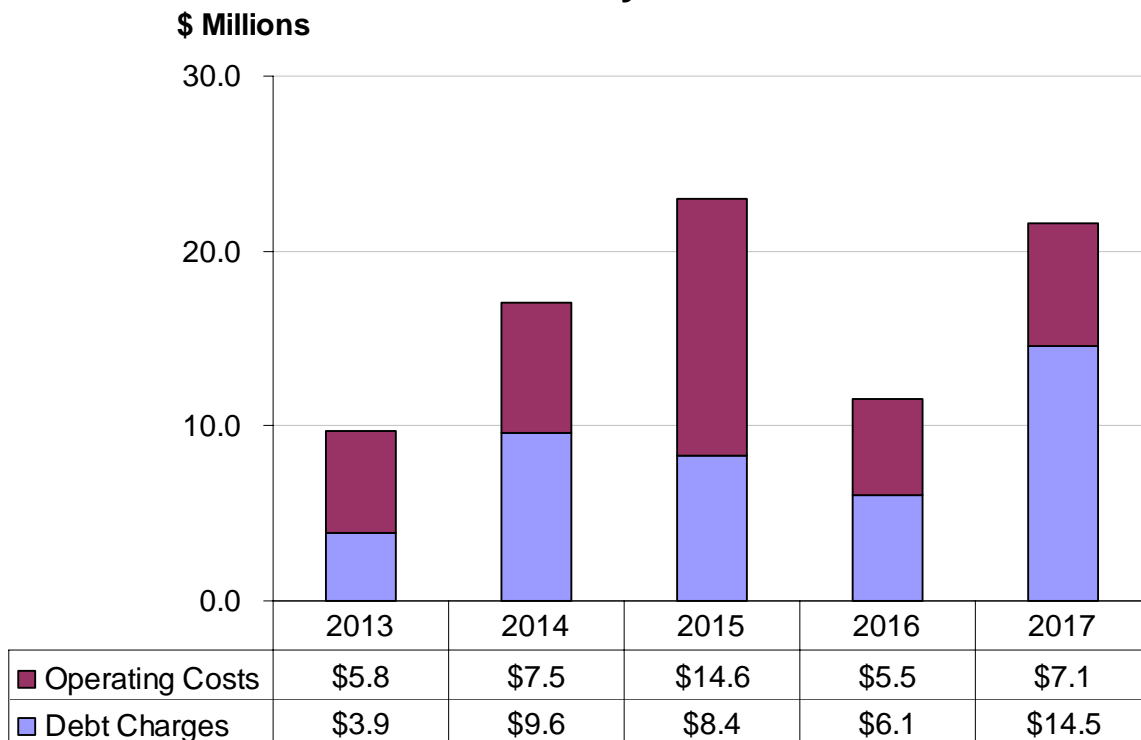
Note: Grants & Subsidies include Federal Gas Tax

Debenture proceeds of \$202.4 million include repayment of \$124.0 million in development charges, \$26.4 million in tax levy, \$52.0 million 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 new staff required to operate new capital assets (e.g., new facilities, vehicles, etc.), contract costs for new services, debt repayment costs, and contribution to reserves to fund rehabilitation and replacement needs. These costs may be partially offset by operating revenues.

### Incremental Net Operating Impact of Capital on Tax Levy 2013-2017



It is estimated that the 2013 Capital Budget has an incremental tax levy impact of \$9.7 million in 2013. The key factors causing the increase between 2013 and 2017 are outlined below:

- 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 Regional Transit conventional bus operations.
- Debt Repayment associated with the construction of the Administrative Centre Annex, Southeast Patrol Area Works Yard, Source Separated Organics Facility, and Spadina Subway Extension.

## 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 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 2012 this amount had increased to \$38 million.

Starting in 2013 it is recommended that the incremental increase to the replacement reserves be increased by 0.2% a year, for each of the next five years until the incremental increase is 2% per year. Higher levels of reserves will reduce reliance on debt financing for future asset replacement.

To assist with the reporting of capital assets and to determine the impact of new capital assets on replacement reserves, starting in the 2009 budget, projects in the capital plans have been grouped to separately identify tangible capital assets and non-tangible capital assets.

### 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. The 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. 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 per cent 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.

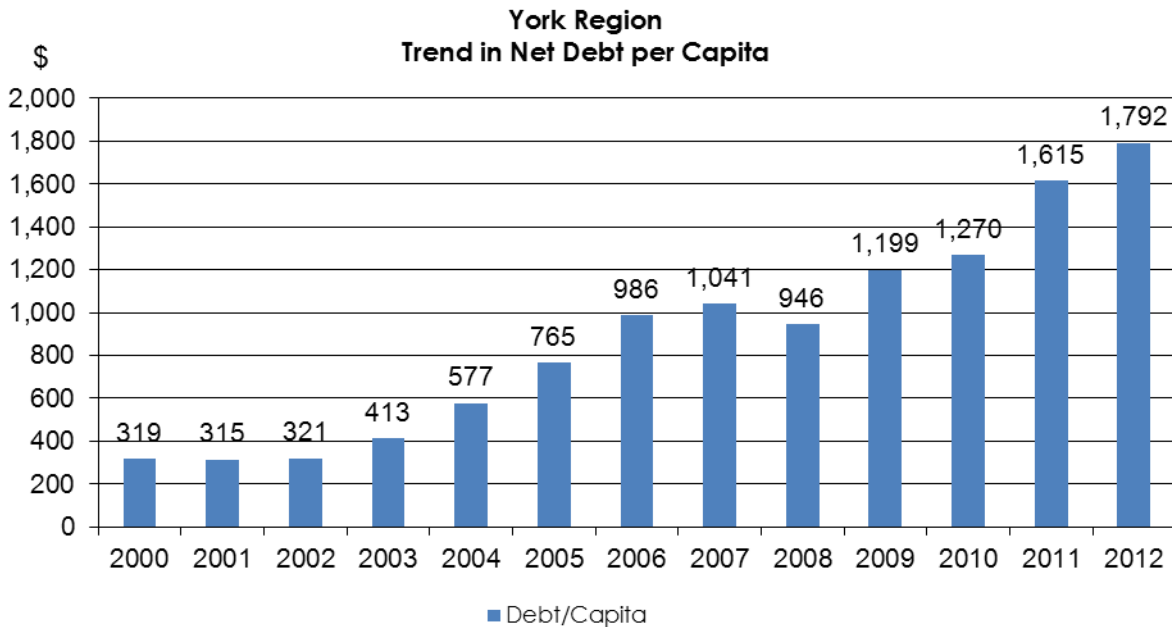
The Municipal Act permits the Region to issue debentures on behalf of local municipalities and school boards. York Region's ability to raise debt for these entities is not affected by its own ARL, as each area municipality and school board is governed by their own debt limits.

## Debt Issuance Trend

To date, York Region has maintained "AAA" ratings from Moody's and Standard & Poor's credit rating agencies, allowing it to issue debt at the lowest possible interest rates. While high debt levels relative to other AAA rated municipalities have been consistently noted by credit rating agencies, the agencies have pointed to the Region's Reserve Management, including its commitment to continue increasing its Replacement Reserves, and the Region's diversified economy as being the major reasons for continuing to provide superior credit ratings.

The table on the following page point to a significant escalation of debt on a per capita basis. The most significant component of this projected upward trend in debt relates to water and wastewater infrastructure for new development, which is financed through

Development Charges. In 2012, Council updated its development charge rates, which will help to increase funds available for new infrastructure projects.



1. Housing mortgage debt and sinking fund principal payments contributed are excluded.
2. Debt issued on behalf of lower-tier municipalities is excluded.

## Funding Outstanding Debt

As a result of the new debt limit regulation enacted by the Province in 2011, Regional Council is required to approve a long-term Debt Management Plan as part of its budget deliberation. This Plan will be considered in the budget process.

## 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.

In addition, 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 2026.

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.

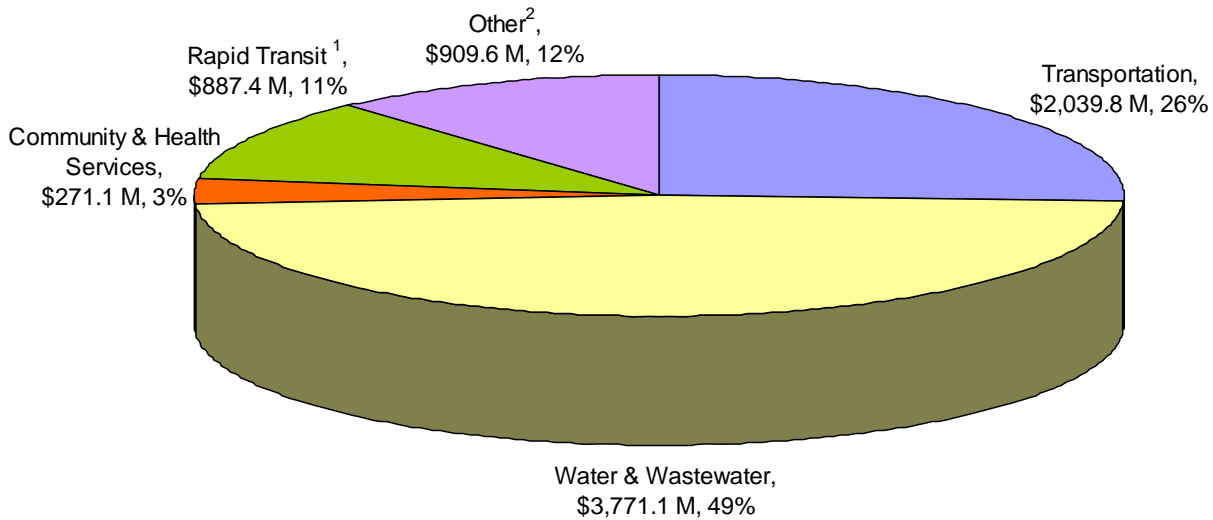
## Ten Year Capital Plan Detailed Review

The following information and graphics provide details of the Region’s 2013 Ten Year Capital Plan and associated financing sources.

### Ten Year Capital Plan Expenditures

To meet future infrastructure needs, \$7.9 billion of gross capital expenditures have been forecast for the ten year period. The following chart presents capital expenditures by service area.

**2013 Ten Year Gross Expenditures \$7.9 Billion**



<sup>1</sup> Includes projects that are partially or fully funded by York Region.

<sup>2</sup> Other \$909.6 M	
Property Services	\$342.7 M
Police	\$199.0 M
Waste Management	\$176.9 M
Information Technology Services	\$168.8 M
Natural Heritage and Forestry	\$22.2 M

## Ten Year Capital Plan Highlights

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

### **York Region Transit/Viva - \$536.6 million**

Includes purchase of new and replacement conventional buses, major structural refurbishment, and mechanical overhaul of fleet and transit vehicle garages.

Major projects included in the Ten Year Capital Plan:

- 127 Conventional Buses (Expansion) and 70 Conventional Buses (Replacement)
- 8 Mobility Plus Buses (Expansion) and 20 Mobility Plus Buses (Replacement)
- 48 Viva Buses (Expansion) and 96 Viva Buses (Replacement)
- 3 Transit Garages
- Structural Refurbishing of 295 Conventional Buses and 40 Viva Buses.

### **Roads - \$1,364.9 million**

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

Major projects included in the Ten Year Capital Plan:

- Build 266 lane km of new arterial roads of which 61 are High Occupancy Vehicle Lanes
- Resurface approximately 700 lane kilometers of Regional roads
- Rehabilitate approximately 100 bridges and culverts
- Replace three bridges
- Complete 17 Intersection improvements
- Build approximately 200 lane km of bicycle lanes
- Purchase 140 additional and 250 replacement vehicles.

## **Traffic Management & Intelligent Transportation Systems - \$138.3 million**

Includes a capital program that focuses on improving the safety and efficiency of the Region's transportation system.

Major projects included in the Ten Year Capital Plan:

Civil engineering projects:

- Intersection improvements
- Zebra pavement markings at signalized intersections
- Installation of new traffic infrastructure that complies with AODA guidelines

Road Infrastructure technology-based projects:

- Road disruption management tool to provide real-time traffic information
- ITS solutions to manage system capacity

YRT/Viva technology-based projects:

- Presto (smart card) next phase and upgrades
- Automated fare collection (AFC) system replacement/upgrade
- Computer-aided dispatch and automatic vehicle location system (CAD/AVL).

## **Water - \$1,251.6 million**

Includes the development of water supply and distribution projects with Peel and Toronto and the expansion of the York Water System transmission to service growth.

Major projects included in the Ten Year Capital Plan:

- Peel and Toronto cost shared works
- 51 km of watermain
- 9 storage facilities
- 2 pumping stations
- 1 groundwater well.

## **Wastewater - \$2,519.5 million**

Includes the expansion of York Durham Sewage System Southeast Collector, cost-shared work with Peel Region, expansion of communal systems, asset replacement and rehabilitation and Inflow and Infiltration reduction programs.

Major projects included in the Ten Year Capital Plan:

- 59 kilometers of Trunk Sewers
- 3 Water Pollution Control Plant Expansions
- 3 Sewage Pumping Stations
- Peel cost-shared works.

## **Community and Health Services - \$271.1 million**

(Emergency Medical Services, Long Term Care, Public Health and Housing)

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

Major projects included in the Ten Year Capital Plan:

- Replacement of 134 EMS ambulances and 31 other vehicles
- 11 new ambulances
- Renovation to increase Long Term Care - Maple Health Adult Day Centre program space by approximately 5,000 sq.ft.
- Completion of 646 new affordable housing units (including emergency shelter)
  - Richmond Hill Housing and Community Hub: 222 affordable housing units
  - Woodbridge Avenue, Vaughan - 150 new apartment units for seniors, singles and families
  - Mackenzie Green, Richmond Hill - 140 affordable housing units
  - Lakeside Residences, Keswick: 6-storey building with 97 units
  - Belinda's Place, Newmarket – 37 unit emergency shelter/transitional housing facility for single women.

## **York Region Rapid Transit Corporation - \$887.4 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
- Yonge Subway Extension Preliminary engineering
- 24 Rapid Transit Vehicles by 2014.

## **Other - \$909.6 million**

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

Major projects included in the Ten Year Capital Plan:

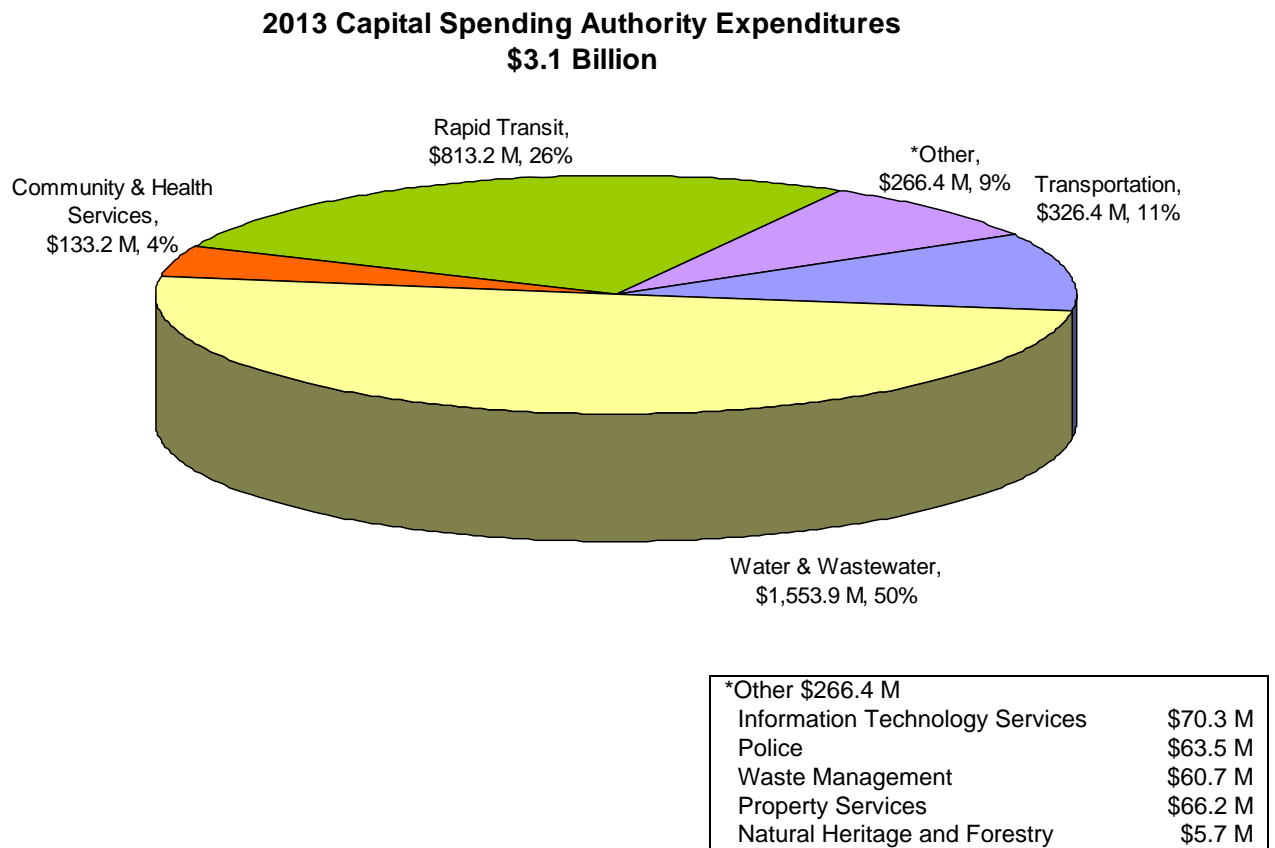
- Construction of Energy From Waste facility
- York Regional Forest Stewardship and Education Centre
- Accommodation Master Plan Implementation at 9060 Jane St for Community and Health Services.



## 2013 Capital Spending Authority

Capital Spending Authority of \$3.1 billion is being requested in 2013. This reflects the amount that is required for multi-year commitments, including contractual agreements and other firm commitments.

The following chart outlines the 2013 Capital Spending Authority by service area.



## 2013 Capital Spending Authority (CSA) – Significant Projects

The following highlights significant capital investment and initiatives proposed to be given 2013 Capital Spending Authority.

### York Region Transit/Viva - \$24.6 Million

Major projects for which CSA is being requested:

- Conventional Bus Expansion and Major Structural Refurbishing & Mechanical Overhaul \$10.9 million
- Bus Terminal Loops & Stops Replacement and Expansion \$4.5 million
- Bus Conversion and Viva Buses Refresh \$4.3 million
- Design of Transit Vehicle Garage (North) \$4.3 million.

### Roads - \$285.3 million

Major projects for which CSA is being requested:

- 2nd Concession - Green Lane to Doane Road - \$45.4 million
- South East Patrol Yard property acquisition and design - \$39.0 million
- Construction of Ninth Line - Major Mackenzie Drive to Main Street Stouffville - \$30.8 million
- Construction of Warden Avenue – 16<sup>th</sup> Avenue to Major Mackenzie Drive - \$24.0 million
- Construction of Bloomington Rd – Bloomington Rd - Yonge St to Bayview Ave to Hwy 404 - \$17.8 million
- Major Mackenzie Dr - CPR to Hwy 27 - \$11.9 million
- Various road resurfacing projects - \$15.5 million.

## **Traffic Management & Intelligent Transportation Systems - \$16.5 million**

Major projects for which CSA is being requested:

- Intelligent Transportation Software Systems for Roads & Transit Departments - \$4.6 million
- Intersection Improvements Program - \$2.5 million
- Pavement Marking Program - \$2.5 million.

## **Water - \$536.6 million**

Major projects for which CSA is being requested:

- Construction of Peel Water Supply cost shared works - \$220.5 million
- Construction of Toronto Water Supply cost shared works - \$89.4 million
- Planning, design and construction of West Richmond Hill Pumping Station and Watermain - \$40.7 million
- Complete construction of Kennedy Road Watermain - Milliken to Major Mackenzie - \$32.7 million.

## **Wastewater - \$1,017.3 million**

Major projects for which CSA is being requested:

- Continue and complete construction of York Durham Sewage System (YDSS) Southeast Collector - \$291.0 million
- Commence and complete construction of Duffin Creek Stages 1 and 2 Upgrades - \$249.9 million
- Construct Queensville/Holland Landing/Sharon YDSS connection - \$136.3 million
- Planning, design and land for Upper York Sewage Solutions (Pre-construction) - \$65.3 million
- Complete construction of YDSS Duffin Creek Water Pollution Control Plant Phase 3 expansion - \$58.9 million
- Keswick Water Pollution Control Plant (WPCP) Expansion - \$33.6 million.

## **Community & Health Services - \$133.2 million**

(Emergency Medical Services, Long Term Care, Public Health and Housing)

Major projects for which CSA is being requested:

- Richmond Hill Housing and Community Hub - (Housing) - \$55.9 million
- Mackenzie Green - Essex (Housing) - \$30.8 million
- Lakeside Residences - Keswick (Housing) - \$22.5 million
- Belinda's Place – Newmarket (Housing) - \$6.4 million
- Vehicle Replacement (EMS) - \$3.3 million
- Pefferlaw EMS Response Station - \$1.6 million.
- Markham Station – 280 Church - \$2 million

## **York Region Rapid Transit Corporation - \$813.2 million**

Major projects for which CSA is being requested:

- Spadina Subway Extension & Capacity Buy-In \$610.6 million
- Bus Rapid Transit Facilities and Terminals \$154.0 million
- Transit upgrades and initiatives - \$23.9 million
- Purchase of Bus Rapid Transit Vehicles \$22.5 million.

## **Other - \$266.4 million**

(Waste Management, Information Technology Services, Property Services, York Regional Police)

Major projects for which CSA is being requested:

- Construction of an Energy From Waste facility in Durham Region- \$47.7 million
- Accommodation Master Plan Implementation at 9060 Jane St for Community and Health Services - \$50.2 million
- York Regional Police Radio System and Training Facility \$45.5 million
- IT equipment (printers/PC's) - \$18.5 million
- York Regional Forest Stewardship and Education Centre - \$3.4 million.

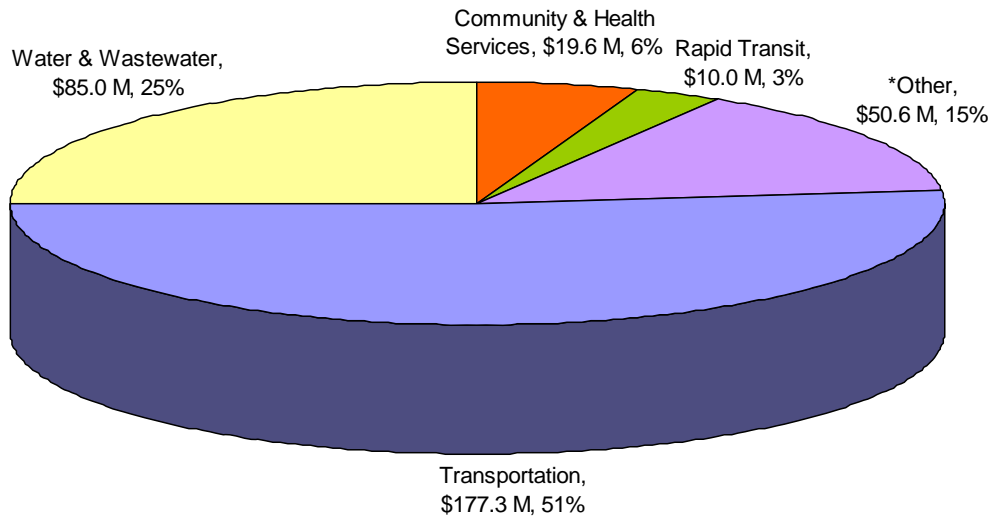
## 2014 Incremental Capital Spending Authority

Incremental Capital Spending Authority of \$343 million is being requested in 2014. This reflects the amount that is required for multi-year commitments, including contractual agreements and other firm commitments.

### Incremental Capital Spending Authority

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

**2014 Incremental Capital Spending Authority Expenditures  
\$343 Million**



*Other \$50.6M	
Police	\$17.9 M
Information Technology Services	\$15.9 M
Waste Management	\$8.7 M
Property Services	\$6.5 M
Natural Heritage and Forestry	\$1.6 M

## 2014 Incremental Capital Spending Authority (CSA) – Significant Projects

The 2013 Ten Year Capital Plan totals \$7.9 billion, of which \$343 million is being recommended for 2014 Incremental Capital Spending Authority (CSA).

The following highlights significant capital investment and initiatives proposed in the 2014 Incremental Capital Spending Authority.

### **York Region Transit/Viva - \$34.7 Million**

Major projects for which CSA is being requested:

- Transit Vehicle Garage (North) purchase & minor renovations - \$14.5 million
- Conventional Bus Expansion and Major Structural Refurbishing & Mechanical Overhaul - \$14.3 million
- Vehicle Diagnostic System - \$2.5 million
- Bus Terminal Loops & Stops Replacement and Expansion - \$3.2 million.

### **Roads - \$126.3 million**

Major projects for which CSA is being requested:

- Construction of Major Mackenzie Drive - Hwy 27 to Weston Rd - \$34.0 million
- Construction of Bathurst St - Green Lane West to Yonge St - \$23.0 million
- Construction of Hwy 7 - Rouge River to Verclaire Gate - \$11.8 million.

### **Traffic Management & Intelligent Transportation Systems - \$16.4 million**

Major projects for which CSA is being requested:

- Intelligent Transportation Software Systems for Roads & Transit Departments - \$3.6 million
- Presto Next Phase / Upgrades - \$4.8 million
- Intersection Improvement Program - \$2.5 million
- Pavement Marking Program - \$2.5 million.

## **Water - \$41.6 million**

Major projects for which CSA is being requested:

- Transmission Main - design and construction for Bathurst Watermain from Highway 7 to Birch - \$11.5 million
- Construction for Ridge Road Pumping Station Upgrades and Bayview Pumping Station Back-up Power - \$5.6 million
- York Peel Feedermain Upgrade - \$4.6 million
- Water for Tomorrow Program - \$4.1 million.

## **Wastewater - \$43.4 million**

Major projects for which CSA is being requested:

- Construction for 16th Avenue Trunk Sewer for erosion control protection and initial planning for the rehab of the Existing Southeast Collector Trunk Sewer - \$17.9 million
- Inflow & Infiltration Reduction: Audit & Flow Monitoring Support Program and conduct Phase II Sanitary Sewer Evaluation Studies - \$10.0 million
- Newmarket Pumping Station upgrades and Bogart Creek Pumping Station Rehabilitation - \$6.2 million.

## **Community & Health Services - \$19.6 million**

(Emergency Medical Services, Long Term Care, Public Health and Housing)

Major projects for which CSA is being requested:

- Newmarket Northwest EMS Station - \$3.2 million
- Long Term Care Act / Regulations Compliance (Newmarket and Maple Health Centre) - \$2.9 million
- Vehicle Replacement (EMS) - \$2.8 million
- Newmarket Southeast EMS Station - \$2.7 million.

## **York Region Rapid Transit Corporation - \$10.0 million**

Major projects for which CSA is being requested:

- Yonge Subway Extension preliminary engineering - \$10.0 million.

## **Other - \$50.6 million**

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

Major projects for which CSA is being requested:

- York Region Police Southwest Sub-Station - \$10.0 million
- Facility Upgrade Waste Management Centre - East Gwillimbury - \$7.9 million
- IT equipment (Printers/PC's) - \$5.0 million
- York Region Police Vehicles - Replacement & Additional - \$4.1 million.



## Program Groupings

Starting in the 2013 budget cycle, individual capital projects and program groupings were approved. Departments are permitted to reallocate funding between capital projects within a program group in-year without requiring additional Council approvals. The objective is to provide departments with greater flexibility to deliver their capital plans and to reduce the need for in-year Council approvals.

Program groupings are made up of logical groupings of projects with similar funding sources.

Reports that list capital projects and their associated funding sources within each program group were submitted for Council approval 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 were considered 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: Traffic Management & Intelligent Transportation Systems, Natural Heritage and Forestry, Emergency Medical Services, Long Term Care, Public Health, Housing Services, and Information Technology Services.

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
10 Year Gross Capital Expenditures by Need Category 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
York Region Transit	8,840	6,640	14,329	6,540	41,915	12,795	15,265	20,990	18,450	73,966	219,730
Roads	27,388	24,130	16,722	24,330	19,920	24,225	17,305	18,855	19,120	18,625	210,620
Traffic Management & Intelligent Transportation Systems	2,300	550	50	1,000	9,050	9,350	550	500	700	550	24,600
Water	16,749	36,164	43,037	27,040	6,770	12,632	18,867	15,345	17,620	23,980	218,204
Wastewater	26,826	63,775	30,692	27,227	18,933	35,305	64,970	41,371	64,768	38,389	412,256
Waste Management	620	8,690	600	100	100	100	100	100	100	100	10,610
Natural Heritage & Forestry	2,700	691	-	-	-	-	-	-	-	-	3,391
Emergency Medical Services	9,410	9,294	5,191	6,392	3,336	3,714	4,380	4,303	3,203	5,500	54,723
Long Term Care	2,193	3,393	1,268	368	468	368	368	368	468	368	9,630
Public Health	241	-	-	-	-	-	-	-	-	-	241
Information Technology	16,334	14,612	17,412	12,296	10,890	10,919	10,333	11,736	12,313	11,405	128,250
York Regional Police	20,794	20,163	7,430	6,527	6,527	9,102	6,604	7,027	6,277	6,777	97,228
<b>Sub Total Rehabilitation/Replacement</b>	<b>134,395</b>	<b>188,102</b>	<b>136,731</b>	<b>111,820</b>	<b>117,909</b>	<b>118,510</b>	<b>138,742</b>	<b>120,595</b>	<b>143,019</b>	<b>179,660</b>	<b>1,389,483</b>
<b>Growth/Expansion</b>											
York Region Transit	3,855	24,136	13,624	94,655	51,519	66,664	26,126	440	19,837	515	301,371
Roads	130,678	95,267	146,269	159,426	137,649	91,240	92,152	77,913	70,402	93,523	1,094,519
Traffic Management & Intelligent Transportation Systems	6,824	10,024	9,024	10,824	5,824	5,824	5,824	6,224	10,824	5,824	77,040
Water	136,165	164,790	119,922	131,363	109,335	55,001	75,168	58,489	34,078	31,945	916,256
Wastewater	285,510	326,031	231,306	317,739	341,465	185,485	190,648	111,584	45,323	4,776	2,039,867
Waste Management	30,740	19,500	8,265	62,300	200	640	16,900	12,750	11,980	-	163,275
Natural Heritage & Forestry	315	200	200	200	200	200	200	200	200	200	2,115
Emergency Medical Services	1,000	4,559	4,163	450	1,160	2,426	1,976	1,610	-	450	17,794
Long Term Care	-	-	-	-	-	-	1,000	5,000	12,036	6,300	24,336
Housing Services	60,091	39,450	39,436	20,970	80	80	80	80	80	80	160,427
Information Technology	4,881	3,796	3,210	2,460	1,660	1,410	1,660	1,660	1,410	1,410	23,557
Property Services	27,889	5,700	5,185	46,694	97,964	83,015	4,116	-	-	-	270,563
York Region Rapid Transit Corporation	340,385	339,389	167,100	36,708	1,499	1,496	814	36	-	-	887,427
York Regional Police	11,095	18,461	19,568	15,318	11,683	11,683	1,818	6,818	1,233	1,233	98,910
<b>Sub Total Growth/Expansion</b>	<b>1,039,428</b>	<b>1,051,303</b>	<b>767,272</b>	<b>899,107</b>	<b>760,238</b>	<b>505,164</b>	<b>418,482</b>	<b>282,804</b>	<b>207,403</b>	<b>146,256</b>	<b>6,077,457</b>
<b>Enhancement/Improvement</b>											
York Region Transit	465	2,705	2,539	1,300	3,138	-	-	-	-	-	10,147
Roads	50	50	50	50	50	50	50	50	50	50	500

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
10 Year Gross Capital Expenditures by Need Category 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
Traffic Management & Intelligent Transportation Systems	3,650	2,091	1,097	1,353	1,059	1,066	1,073	1,080	1,087	694	14,250
Water	485	110	10	110	360	10	110	360	384	-	1,939
Waste Management	1	103	-	-	-	-	-	-	-	-	104
Natural Heritage & Forestry	326	220	220	270	220	220	270	220	220	270	2,456
Emergency Medical Services	1,856	-	-	-	-	-	-	-	-	-	1,856
Long Term Care	100	-	500	1,500	-	-	-	-	-	-	2,100
Information Technology	4,013	2,717	3,371	1,150	850	1,150	850	850	850	1,150	16,951
Property Services	876	-	-	-	-	-	-	-	-	-	876
York Regional Police	685	-	-	-	-	2,150	-	-	-	-	2,835
<b>Sub Total Enhancement/Improvement</b>	<b>12,507</b>	<b>7,996</b>	<b>7,787</b>	<b>5,733</b>	<b>5,677</b>	<b>4,646</b>	<b>2,353</b>	<b>2,560</b>	<b>2,591</b>	<b>2,164</b>	<b>54,014</b>
Total Tangible Capital Assets	1,186,330	1,247,401	911,790	1,016,660	883,824	628,320	559,577	405,959	353,013	328,080	7,520,954
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
York Region Transit	1,200	-	770	1,050	-	-	1,820	-	560	-	5,400
Roads	700	700	700	700	700	700	700	700	700	700	7,000
Traffic Management & Intelligent Transportation Systems	2,750	2,735	2,600	2,600	1,965	100	100	100	100	100	13,150
Water	2,165	2,640	2,755	2,075	1,105	1,098	1,132	1,325	1,870	2,080	18,245
Wastewater	1,775	1,535	1,460	1,330	1,225	1,095	705	1,380	1,505	1,160	13,170
Waste Management	200	100	80	80	100	80	90	85	80	80	975
Natural Heritage & Forestry	1,309	1,150	1,250	1,400	1,400	1,400	1,500	1,500	1,500	1,500	13,909
Property Services	2,185	1,771	10,695	2,394	5,055	7,588	3,382	2,485	1,100	4,067	40,722
<b>Sub Total Rehabilitation/Replacement</b>	<b>12,284</b>	<b>10,631</b>	<b>20,310</b>	<b>11,629</b>	<b>11,550</b>	<b>12,061</b>	<b>9,429</b>	<b>7,575</b>	<b>7,415</b>	<b>9,687</b>	<b>112,571</b>
<b>Growth/Expansion</b>											
Roads	13,314	7,205	2,880	5,080	4,105	7,280	2,980	3,280	3,230	2,880	52,234
Traffic Management & Intelligent Transportation Systems	980	950	950	950	950	950	950	950	950	700	9,280
Water	8,136	10,086	10,220	9,547	9,693	10,460	10,939	9,859	8,391	8,375	95,706
Wastewater	3,080	8,516	6,263	2,830	2,730	2,780	3,130	3,130	3,073	2,730	38,262
Natural Heritage & Forestry	310	-	-	-	-	-	-	-	-	-	310
Property Services	2,410	2,050	50	50	50	50	50	50	50	50	4,860
<b>Sub Total Growth/Expansion</b>	<b>28,230</b>	<b>28,807</b>	<b>20,363</b>	<b>18,457</b>	<b>17,528</b>	<b>21,520</b>	<b>18,049</b>	<b>17,269</b>	<b>15,694</b>	<b>14,735</b>	<b>200,652</b>
<b>Enhancement/Improvement</b>											
Water	588	105	12	-	-	410	105	12	-	-	1,232
Wastewater	1,351	1,399	1,455	1,616	1,646	1,577	1,709	1,741	1,674	1,807	15,975
Waste Management	811	200	200	-	250	250	-	-	-	250	1,961
Property Services	2,928	2,664	2,999	3,104	2,331	2,331	2,331	2,331	2,331	2,331	25,681

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
10 Year Gross Capital Expenditures by Need Category 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
<b>Sub Total Enhancement/Improvement</b>	<b>5,678</b>	<b>4,368</b>	<b>4,666</b>	<b>4,720</b>	<b>4,227</b>	<b>4,568</b>	<b>4,145</b>	<b>4,084</b>	<b>4,005</b>	<b>4,388</b>	<b>44,849</b>
Total Non Tangible Capital Assets	46,192	43,806	45,339	34,806	33,305	38,149	31,623	28,928	27,114	28,810	358,072
<b>Total Gross Expenditures</b>	<b>1,232,522</b>	<b>1,291,207</b>	<b>957,129</b>	<b>1,051,466</b>	<b>917,129</b>	<b>666,469</b>	<b>591,200</b>	<b>434,887</b>	<b>380,127</b>	<b>356,890</b>	<b>7,879,026</b>
Rehabilitation	146,679	198,733	157,041	123,449	129,459	130,571	148,171	128,170	150,434	189,347	1,502,054
Growth	1,067,658	1,080,110	787,635	917,564	777,766	526,684	436,531	300,073	223,097	160,991	6,278,109
Enhancement	18,185	12,364	12,453	10,453	9,904	9,214	6,498	6,644	6,596	6,552	98,863
<b>Total Gross Expenditures</b>	<b>1,232,522</b>	<b>1,291,207</b>	<b>957,129</b>	<b>1,051,466</b>	<b>917,129</b>	<b>666,469</b>	<b>591,200</b>	<b>434,887</b>	<b>380,127</b>	<b>356,890</b>	<b>7,879,026</b>
<b>Financing Sources</b>											
Debtenture Proceeds	744,021	778,343	619,533	788,647	705,510	464,809	433,073	318,056	251,078	107,855	5,210,925
Development Charges	36,161	35,006	19,624	55,376	16,439	35,479	14,095	10,379	9,247	68,316	300,122
Grants & Subsidies	238,007	224,760	116,268	82,517	45,243	27,639	23,817	1,972	24,721	1,451	786,395
Other Recoveries	41,290	87,532	42,069	13,584	13,060	4,539	833	584	1,095	912	205,498
Reserves	109,974	95,480	86,931	35,336	67,573	38,197	24,902	29,610	25,534	84,256	597,793
Current Tax Levy - Reserves	49,495	47,154	58,506	57,905	50,293	58,409	59,779	53,548	57,724	80,613	573,426
User Rates	13,574	22,932	14,198	18,101	19,011	37,397	34,701	20,738	10,728	13,487	204,867
<b>Total Financing Sources</b>	<b>1,232,522</b>	<b>1,291,207</b>	<b>957,129</b>	<b>1,051,466</b>	<b>917,129</b>	<b>666,469</b>	<b>591,200</b>	<b>434,887</b>	<b>380,127</b>	<b>356,890</b>	<b>7,879,026</b>

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
10 Year Financing Sources 2013-2022**

(In \$000's)	Capital Project Total	Current Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
<b>Tax Supported</b>								
York Region Transit	536,648	117,560	118,299	45,749	87,220	167,820	-	-
Roads	1,364,873	328,942	34,557	928,263	62,140	-	-	10,971
Traffic Management & Intelligent Transportation Systems	138,320	25,573	21,100	-	58,437	33,210	-	-
Waste Management	176,925	-	26,662	130,263	-	20,000	-	-
Natural Heritage & Forestry	22,181	8,860	5,841	-	7,480	-	-	-
Emergency Medical Services	74,373	30,596	17,663	23,997	2,117	-	-	-
Long Term Care	36,066	-	11,730	24,336	-	-	-	-
Public Health	241	-	203	-	38	-	-	-
Housing Services	160,427	-	94,462	18,068	5,398	41,999	-	500
Information Technology	168,758	-	168,758	-	-	-	-	-
Property Services	342,702	2,440	75,872	264,390	-	-	-	-
York Region Rapid Transit Corporation	887,427	-	22,196	288,269	53,596	523,366	-	-
York Regional Police	198,973	59,455	450	112,666	14,585	-	-	11,817
<b>Total Tax Supported</b>	<b>4,107,914</b>	<b>573,426</b>	<b>597,793</b>	<b>1,836,001</b>	<b>291,011</b>	<b>786,395</b>	<b>-</b>	<b>23,288</b>
<b>Rate Supported</b>								
Water	1,251,582	-	-	1,192,112	7,055	-	52,415	-
Wastewater	2,519,530	-	-	2,182,812	2,056	-	152,452	182,210
<b>Total Rate Supported</b>	<b>3,771,112</b>	<b>-</b>	<b>-</b>	<b>3,374,924</b>	<b>9,111</b>	<b>-</b>	<b>204,867</b>	<b>182,210</b>
Total Financing Sources	7,879,026	573,426	597,793	5,210,925	300,122	786,395	204,867	205,498

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2013 Capital Spending Authority by Need Category**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
<b>GROSS EXPENDITURES</b>												
<b>Tangible Capital Assets</b>												
<b>Rehabilitation/Replacement</b>												
York Region Transit	8,840	-	-	-	-	-	-	-	-	-	-	8,840
Roads	27,388	1,841	80	80	80	-	-	-	-	-	-	29,469
Traffic Management & Intelligent Transportation Systems	2,300	-	-	-	-	-	-	-	-	-	-	2,300
Water	16,749	27,014	6,168	828	80	3	2	-	-	-	-	50,844
Wastewater	26,826	38,205	7,720	700	738	-	-	-	-	-	-	74,189
Waste Management	620	700	500	-	-	-	-	-	-	-	-	1,820
Natural Heritage & Forestry	2,700	691	-	-	-	-	-	-	-	-	-	3,391
Emergency Medical Services	9,410	-	-	-	-	-	-	-	-	-	-	9,410
Long Term Care	2,193	500	-	-	-	-	-	-	-	-	-	2,693
Public Health	241	-	-	-	-	-	-	-	-	-	-	241
Information Technology	16,334	14,612	17,412	-	-	-	-	-	-	-	-	48,358
York Regional Police	20,794	13,500	-	-	-	-	-	-	-	-	-	34,294
<b>Sub Total Rehabilitation/Replacement</b>	<b>134,395</b>	<b>97,063</b>	<b>31,880</b>	<b>1,608</b>	<b>898</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265,849</b>
<b>Growth/Expansion</b>												
York Region Transit	3,855	8,636	1,500	-	-	-	-	-	-	-	-	13,991
Roads	130,678	67,995	21,601	16,086	1,065	-	-	-	-	-	-	237,425
Traffic Management & Intelligent Transportation Systems	6,824	-	-	-	-	-	-	-	-	-	-	6,824
Water	136,165	161,413	99,254	61,528	4,964	408	415	202	5,200	2,037	979	472,565
Wastewater	285,510	326,031	196,624	76,468	45,077	749	554	18	2	-	-	931,033
Waste Management	30,740	19,200	7,965	-	-	-	-	-	-	-	-	57,905
Natural Heritage & Forestry	315	-	-	-	-	-	-	-	-	-	-	315
Emergency Medical Services	1,000	-	-	-	-	-	-	-	-	-	-	1,000
Housing Services	60,091	39,370	18,400	-	-	-	-	-	-	-	-	117,861
Information Technology	4,881	3,796	3,210	-	-	-	-	-	-	-	-	11,887
Property Services	27,889	5,700	5,185	5,000	5,000	5,000	4,000	-	-	-	-	57,774
York Region Rapid Transit Corporation	340,385	329,389	126,600	12,970	1,499	1,496	814	36	-	-	-	813,189
York Regional Police	11,095	9,200	8,250	-	-	-	-	-	-	-	-	28,545
<b>Sub Total Growth/Expansion</b>	<b>1,039,428</b>	<b>970,730</b>	<b>488,589</b>	<b>172,052</b>	<b>57,605</b>	<b>7,653</b>	<b>5,783</b>	<b>256</b>	<b>5,202</b>	<b>2,037</b>	<b>979</b>	<b>2,750,314</b>
<b>Enhancement/Improvement</b>												
York Region Transit	465	125	-	-	-	-	-	-	-	-	-	590
Roads	50	-	-	-	-	-	-	-	-	-	-	50

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2013 Capital Spending Authority by Need Category**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
Traffic Management & Intelligent Transportation Systems	3,650	-	-	-	-	-	-	-	-	-	-	3,650
Water	485	110	-	-	-	-	-	-	-	-	-	595
Waste Management	1	-	-	-	-	-	-	-	-	-	-	1
Natural Heritage & Forestry	326	-	-	-	-	-	-	-	-	-	-	326
Emergency Medical Services	1,856	-	-	-	-	-	-	-	-	-	-	1,856
Long Term Care	100	-	-	-	-	-	-	-	-	-	-	100
Information Technology	4,013	2,717	3,371	-	-	-	-	-	-	-	-	10,101
Property Services	876	-	-	-	-	-	-	-	-	-	-	876
York Regional Police	685	-	-	-	-	-	-	-	-	-	-	685
<b>Sub Total Enhancement/Improvement</b>	<b>12,507</b>	<b>2,952</b>	<b>3,371</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,830</b>
<b>Total Tangible Capital Assets</b>	<b>1,186,330</b>	<b>1,070,745</b>	<b>523,840</b>	<b>173,660</b>	<b>58,503</b>	<b>7,656</b>	<b>5,785</b>	<b>256</b>	<b>5,202</b>	<b>2,037</b>	<b>979</b>	<b>3,034,993</b>
<b>Non-Tangible Capital Assets</b>												
<b>Rehabilitation/Replacement</b>												
York Region Transit	1,200	-	-	-	-	-	-	-	-	-	-	1,200
Roads	700	-	-	-	-	-	-	-	-	-	-	700
Traffic Management & Intelligent Transportation Systems	2,750	-	-	-	-	-	-	-	-	-	-	2,750
Water	2,165	150	-	-	-	-	-	-	-	-	-	2,315
Wastewater	1,775	-	-	-	-	-	-	-	-	-	-	1,775
Waste Management	200	-	-	-	-	-	-	-	-	-	-	200
Natural Heritage & Forestry	1,309	-	-	-	-	-	-	-	-	-	-	1,309
Property Services	2,185	-	-	-	-	-	-	-	-	-	-	2,185
<b>Sub Total Rehabilitation/Replacement</b>	<b>12,284</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,434</b>
<b>Growth/Expansion</b>												
Roads	13,314	4,325	-	-	-	-	-	-	-	-	-	17,639
Traffic Management & Intelligent Transportation Systems	980	-	-	-	-	-	-	-	-	-	-	980
Water	8,136	883	432	100	-	-	-	-	-	-	-	9,551
Wastewater	3,080	2,486	2,233	1,100	-	-	-	-	-	-	-	8,899
Natural Heritage & Forestry	310	-	-	-	-	-	-	-	-	-	-	310
Property Services	2,410	-	-	-	-	-	-	-	-	-	-	2,410
<b>Sub Total Growth/Expansion</b>	<b>28,230</b>	<b>7,694</b>	<b>2,665</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39,789</b>
<b>Enhancement/Improvement</b>												
Water	588	105	12	-	-	-	-	-	-	-	-	705
Wastewater	1,351	100	-	-	-	-	-	-	-	-	-	1,451

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2013 Capital Spending Authority by Need Category**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
Waste Management	811	-	-	-	-	-	-	-	-	-	-	811
Property Services	2,928	-	-	-	-	-	-	-	-	-	-	2,928
<b>Sub Total Enhancement/Improvement</b>	<b>5,678</b>	<b>205</b>	<b>12</b>	-	-	-	-	-	-	-	-	<b>5,895</b>
<b>Total Non Tangible Capital Assets</b>	<b>46,192</b>	<b>8,049</b>	<b>2,677</b>	<b>1,200</b>	-	-	-	-	-	-	-	<b>58,118</b>
<b>Total Gross Expenditures</b>	<b>1,232,522</b>	<b>1,078,794</b>	<b>526,517</b>	<b>174,860</b>	<b>58,503</b>	<b>7,656</b>	<b>5,785</b>	<b>256</b>	<b>5,202</b>	<b>2,037</b>	<b>979</b>	<b>3,093,111</b>
Rehabilitation	146,679	97,213	31,880	1,608	898	3	2	-	-	-	-	278,283
Growth	1,067,658	978,424	491,254	173,252	57,605	7,653	5,783	256	5,202	2,037	979	2,790,103
Enhancement	18,185	3,157	3,383	-	-	-	-	-	-	-	-	24,725
<b>Total Gross Expenditures</b>	<b>1,232,522</b>	<b>1,078,794</b>	<b>526,517</b>	<b>174,860</b>	<b>58,503</b>	<b>7,656</b>	<b>5,785</b>	<b>256</b>	<b>5,202</b>	<b>2,037</b>	<b>979</b>	<b>3,093,111</b>
<b>Financing Sources</b>												
Debtenture Proceeds	744,021	666,904	350,135	156,315	50,978	7,656	5,785	256	5,202	2,037	979	1,990,268
Development Charges	36,161	23,924	10,072	1,912	-	-	-	-	-	-	-	72,069
Grants & Subsidies	238,007	210,694	71,183	7,493	-	-	-	-	-	-	-	527,377
Other Recoveries	41,290	86,914	35,778	7,574	7,339	-	-	-	-	-	-	178,895
Reserves	109,974	70,279	55,198	-	-	-	-	-	-	-	-	235,451
Current Tax Levy - Reserves	49,495	6,264	2,511	1,566	186	-	-	-	-	-	-	60,022
User Rates	13,574	13,815	1,640	-	-	-	-	-	-	-	-	29,029
<b>Total Financing Sources</b>	<b>1,232,522</b>	<b>1,078,794</b>	<b>526,517</b>	<b>174,860</b>	<b>58,503</b>	<b>7,656</b>	<b>5,785</b>	<b>256</b>	<b>5,202</b>	<b>2,037</b>	<b>979</b>	<b>3,093,111</b>



**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2013 Capital Spending Authority Financing Sources**

(In \$000's)	Capital Project Total	Current Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
<b>Tax Supported</b>								
York Region Transit	24,621	6,975	2,930	-	1,281	13,435	-	-
Roads	285,283	37,474	14,217	227,725	138	-	-	5,729
Traffic Management & Intelligent Transportation Systems	16,504	5,485	300	-	6,919	3,800	-	-
Waste Management	60,737	-	15,844	44,893	-	-	-	-
Natural Heritage & Forestry	5,651	930	4,041	-	680	-	-	-
Emergency Medical Services	12,266	3,014	6,383	2,869	-	-	-	-
Long Term Care	2,793	-	2,793	-	-	-	-	-
Public Health	241	-	203	-	38	-	-	-
Housing Services	117,861	-	81,420	6,648	5,398	23,895	-	500
Information Technology	70,346	-	70,346	-	-	-	-	-
Property Services	66,173	244	14,328	51,601	-	-	-	-
York Region Rapid Transit Corporation	813,189	-	22,196	251,150	53,596	486,247	-	-
York Regional Police	63,524	5,900	450	48,552	1,245	-	-	7,377
<b>Total Tax Supported</b>	<b>1,539,189</b>	<b>60,022</b>	<b>235,451</b>	<b>633,438</b>	<b>69,295</b>	<b>527,377</b>	<b>-</b>	<b>13,606</b>
<b>Rate Supported</b>								
Water	536,575	-	-	522,734	1,824	-	12,017	-
Wastewater	1,017,347	-	-	834,096	950	-	17,012	165,289
<b>Total Rate Supported</b>	<b>1,553,922</b>	<b>-</b>	<b>-</b>	<b>1,356,830</b>	<b>2,774</b>	<b>-</b>	<b>29,029</b>	<b>165,289</b>
Total Financing Sources	3,093,111	60,022	235,451	1,990,268	72,069	527,377	29,029	178,895

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2014 Incremental Capital Spending Authority by Need Category**

(In \$000's)	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
York Region Transit	6,640	-	-	-	-	-	-	-	-	-	6,640
Roads	22,289	202	-	-	-	-	-	-	-	-	22,491
Traffic Management & Intelligent Transportation Systems	550	-	-	-	-	-	-	-	-	-	550
Water	9,150	11,700	1,500	-	-	-	-	-	-	-	22,350
Wastewater	25,570	5,000	-	-	-	-	-	-	-	-	30,570
Waste Management	7,990	-	-	-	-	-	-	-	-	-	7,990
Emergency Medical Services	9,294	1,853	-	-	-	-	-	-	-	-	11,147
Long Term Care	2,893	900	-	-	-	-	-	-	-	-	3,793
Information Technology	-	-	12,296	-	-	-	-	-	-	-	12,296
York Regional Police	6,663	-	-	-	-	-	-	-	-	-	6,663
<b>Sub Total Rehabilitation/Replacement</b>	<b>91,039</b>	<b>19,655</b>	<b>13,796</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>124,490</b>
<b>Growth/Expansion</b>											
York Region Transit	15,500	9,954	-	-	-	-	-	-	-	-	25,454
Roads	27,272	56,294	16,436	163	-	-	-	-	-	-	100,165
Traffic Management & Intelligent Transportation Systems	10,024	-	-	-	-	-	-	-	-	-	10,024
Water	3,377	4,208	-	-	-	-	-	-	-	-	7,585
Waste Management	300	-	-	-	-	-	-	-	-	-	300
Natural Heritage & Forestry	200	-	-	-	-	-	-	-	-	-	200
Emergency Medical Services	4,559	-	-	-	-	-	-	-	-	-	4,559
Housing Services	80	-	-	-	-	-	-	-	-	-	80
Information Technology	-	-	2,460	-	-	-	-	-	-	-	2,460
York Region Rapid Transit Corporation	10,000	-	-	-	-	-	-	-	-	-	10,000
York Regional Police	9,261	2,000	-	-	-	-	-	-	-	-	11,261
<b>Sub Total Growth/Expansion</b>	<b>80,573</b>	<b>72,456</b>	<b>18,896</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>172,088</b>
<b>Enhancement/Improvement</b>											
York Region Transit	2,580	-	-	-	-	-	-	-	-	-	2,580
Roads	50	-	-	-	-	-	-	-	-	-	50
Traffic Management & Intelligent Transportation Systems	2,091	-	-	-	-	-	-	-	-	-	2,091
Waste Management	103	-	-	-	-	-	-	-	-	-	103
Natural Heritage & Forestry	220	-	-	-	-	-	-	-	-	-	220

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2014 Incremental Capital Spending Authority by Need Category**

(In \$000's)	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
Information Technology	-	-	1,150	-	-	-	-	-	-	-	1,150
<b>Sub Total Enhancement/Improvement</b>	<b>5,044</b>	<b>-</b>	<b>1,150</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,194</b>
<b>Total Tangible Capital Assets</b>	<b>176,656</b>	<b>92,111</b>	<b>33,842</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>302,772</b>
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
Roads	700	-	-	-	-	-	-	-	-	-	700
Traffic Management & Intelligent Transportation Systems	2,735	-	-	-	-	-	-	-	-	-	2,735
Water	2,490	-	-	-	-	-	-	-	-	-	2,490
Wastewater	1,535	-	-	-	-	-	-	-	-	-	1,535
Waste Management	100	-	-	-	-	-	-	-	-	-	100
Natural Heritage & Forestry	1,150	-	-	-	-	-	-	-	-	-	1,150
Property Services	1,771	-	-	-	-	-	-	-	-	-	1,771
<b>Sub Total Rehabilitation/Replacement</b>	<b>10,481</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,481</b>
<b>Growth/Expansion</b>											
Roads	2,880	-	-	-	-	-	-	-	-	-	2,880
Traffic Management & Intelligent Transportation Systems	950	-	-	-	-	-	-	-	-	-	950
Water	9,203	-	-	-	-	-	-	-	-	-	9,203
Wastewater	6,030	4,000	-	-	-	-	-	-	-	-	10,030
Property Services	2,050	-	-	-	-	-	-	-	-	-	2,050
<b>Sub Total Growth/Expansion</b>	<b>21,113</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25,113</b>
<b>Enhancement/Improvement</b>											
Wastewater	1,299	-	-	-	-	-	-	-	-	-	1,299
Waste Management	200	-	-	-	-	-	-	-	-	-	200
Property Services	2,664	-	-	-	-	-	-	-	-	-	2,664
<b>Sub Total Enhancement/Improvement</b>	<b>4,163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,163</b>
<b>Total Non Tangible Capital Assets</b>	<b>35,757</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39,757</b>
<b>Total Gross Expenditures</b>	<b>212,413</b>	<b>96,111</b>	<b>33,842</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>342,529</b>
Rehabilitation	101,520	19,655	13,796	-	-	-	-	-	-	-	134,971
Growth	101,686	76,456	18,896	163	-	-	-	-	-	-	197,201
Enhancement	9,207	-	1,150	-	-	-	-	-	-	-	10,357
<b>Total Gross Expenditures</b>	<b>212,413</b>	<b>96,111</b>	<b>33,842</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>342,529</b>
<b>Financing Sources</b>											
Debtenture Proceeds	111,439	74,478	16,292	147	-	-	-	-	-	-	202,356

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2014 Incremental Capital Spending Authority by Need Category**

(In \$000's)	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Total
Development Charges	11,082	637	-	-	-	-	-	-	-	-	11,719
Grants & Subsidies	14,066	9,317	-	-	-	-	-	-	-	-	23,383
Other Recoveries	618	3,144	-	-	-	-	-	-	-	-	3,762
Reserves	25,201	900	15,906	-	-	-	-	-	-	-	42,007
Current Tax Levy - Reserves	40,890	5,435	1,644	16	-	-	-	-	-	-	47,985
User Rates	9,117	2,200	-	-	-	-	-	-	-	-	11,317
<b>Total Financing Sources</b>	<b>212,413</b>	<b>96,111</b>	<b>33,842</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>342,529</b>

**2013 Business Plan and Budget  
Capital Budget Consolidated Summary  
2014 Incremental Capital Spending Authority Financing Sources**

(In \$000's)	Capital Project Total	Current Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
<b>Tax Supported</b>								
York Region Transit	34,674	8,473	707	10,750	2,750	11,994	-	-
Roads	126,286	26,373	4,675	91,442	414	-	-	3,382
Traffic Management & Intelligent Transportation Systems	16,350	3,299	550	-	6,112	6,389	-	-
Waste Management	8,693	-	8,393	300	-	-	-	-
Natural Heritage & Forestry	1,570	690	200	-	680	-	-	-
Emergency Medical Services	15,706	2,823	1,462	11,036	385	-	-	-
Long Term Care	3,793	-	3,793	-	-	-	-	-
Public Health	-	-	-	-	-	-	-	-
Housing Services	80	-	80	-	-	-	-	-
Information Technology	15,906	-	15,906	-	-	-	-	-
Property Services	6,485	244	6,241	-	-	-	-	-
York Region Rapid Transit Corporation	10,000	-	-	5,000	-	5,000	-	-
York Regional Police	17,924	6,083	-	10,165	1,296	-	-	380
<b>Total Tax Supported</b>	<b>257,467</b>	<b>47,985</b>	<b>42,007</b>	<b>128,693</b>	<b>11,637</b>	<b>23,383</b>	<b>-</b>	<b>3,762</b>
<b>Rate Supported</b>								
Water	41,628	-	-	35,056	82	-	6,490	-
Wastewater	43,434	-	-	38,607	-	-	4,827	-
<b>Total Rate Supported</b>	<b>85,062</b>	<b>-</b>	<b>-</b>	<b>73,663</b>	<b>82</b>	<b>-</b>	<b>11,317</b>	<b>-</b>
Total Financing Sources	342,529	47,985	42,007	202,356	11,719	23,383	11,317	3,762

## Capital Strategy

The YRT/Viva 2012-2016 Five-Year Service Plan describes the next few years as a period of service realignment. This is imperative as the organization prepares for the implementation of both the Vivanext rapidways and the Spadina subway expansion. The 2013 capital program focuses on:

- State of good repair (primarily fleet focus)
- Preparing for future growth (additional facilities and fleet)

Following this realignment phase, a period of rapid growth is anticipated from 2016-2020 resulting in a mature state thereafter. The capital strategy identified below has been developed to address these changing demands for transit services. The 10 year period includes both the current period of service realignment, followed by a period of rapid growth. It is linked to two 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
  - Improving mobility for users on Regional transportation corridors
2. Focus growth along Regional centres and corridors
  - Increase the intensified mixed-use development in Regional centres and corridors consistent with intensification targets

## Key Initiatives

In keeping with the corporate strategic plan priority areas:

- Development and implementation of fleet management systems and processes to minimize in-service bus failures
- Implement the operations and maintenance facilities strategy which presently has the following timeline.



- Continue to manage the bus fleet to meet future service level requirements, including maintenance, mid-life refurbishment and replacement of existing vehicles.

	2012	Growth	2022	Replace
Conventional	335	127	462	70
Viva	116	48	164	96
Mobility Plus	24	8	32	20
	<u>475</u>	<u>183</u>	<u>658</u>	<u>186</u>

- Provide \$59 million during the 10 years of the plan for mid-life bus refurbishment. In 2012 the life cycles of the bus fleet was increased from 12 to 18 years with substantial refurbishment now required at the end of 9 years. This change has resulted in significant cost savings by reducing fleet replacement costs (net of the increase in refurbishment at mid-life).

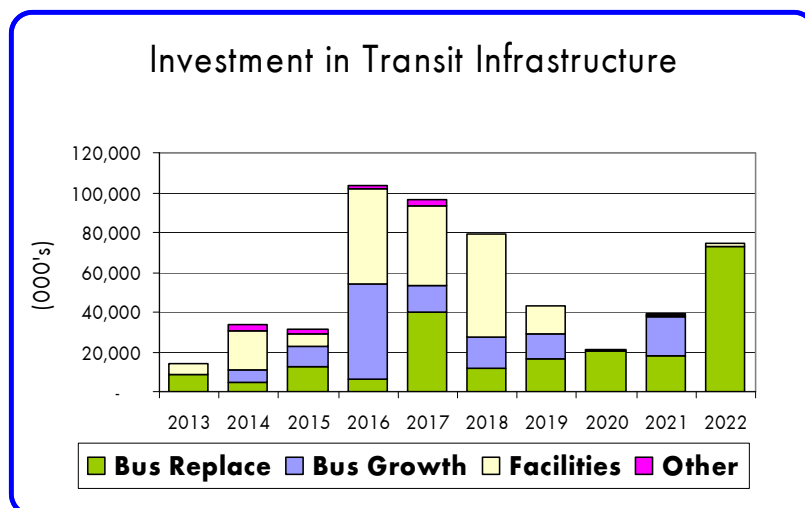
## New Projects Added to the 2013 Budget Process

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

New Projects	Planned Start Date
Viva bus expansion	2015

## Expenditures

The 10 year capital plan expenditures total \$536.6 million. 56% relates to fleet and facilities growth. 2016-2018 is higher due to the planned garage construction. 2016 has a significant increase in fleet for the anticipated service needs associated with the extension of the Spadina subway.



## **Net Operating Impact of New Capital Projects**

Primary pressure is from payments to contractors and maintenance costs for new garage facilities. Contractor payments include conventional buses operation (\$264,000 per bus per year), Viva buses operation (\$255,000), Mobility Plus bus operation (\$176,000 per bus per year). Revenue will be derived from user fees (cash & fare media) from all service areas.



**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost											
														(In \$000's)												
<b>GROSS EXPENDITURES</b>																										
<b>Tangible Capital Assets</b>																										
<b>Rehabilitation/Replacement</b>																										
82190	Bus Terminals, Loops & Stops- Replacement	5,491	722	1,495	2,265	2,765	1,465	2,165	1,420	600	600	600	1,100	-	20,688											
84499	Mobility Plus Bus Replacement - Future Years	-	-	-	-	-	-	-	-	2,340	2,340	-	520	-	5,200											
84699	Conventional Bus Replacement - Future Years	-	-	-	-	7,189	-	-	-	-	-	13,825	17,696	-	38,710											
84899	Viva Bus Replacement - Future Years	-	-	-	-	-	-	31,875	-	6,375	14,025	-	47,125	-	99,400											
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	-	100	4,245	4,375	4,375	3,325	5,250	8,750	5,950	4,025	4,025	7,525	-	51,945											
86113	Viva Bus Major Structural Refurbishing & Mechanical Overhaul	-	-	-	-	-	1,750	2,625	2,625	-	-	-	-	-	7,000											
86118	Bus Conversion	-	-	3,100	-	-	-	-	-	-	-	-	-	-	3,100											
<b>Sub Total Rehabilitation/Replacement</b>		<b>5,491</b>	<b>822</b>	<b>8,840</b>	<b>6,640</b>	<b>14,329</b>	<b>6,540</b>	<b>41,915</b>	<b>12,795</b>	<b>15,265</b>	<b>20,990</b>	<b>18,450</b>	<b>73,966</b>	<b>-</b>	<b>226,043</b>											
<b>Growth/Expansion</b>																										
81582	Transit Vehicle Garage - North	22	1,410	750	16,500	2,500	18,000	15,000	-	-	-	-	-	-	54,182											
81583	Transit Vehicle Garage - Southeast	18	-	-	-	-	28,500	22,500	25,000	13,000	-	-	-	-	89,018											
81584	Transit Vehicle Garages #4	-	-	-	-	-	-	-	25,000	-	-	-	-	63,000	88,000											
82150	Bus Terminals, Loops & Stops- Expansion	9,138	1,700	3,005	950	600	500	730	715	390	390	465	465	-	19,048											
82770	Support Vehicles	648	306	100	50	50	50	50	50	50	50	50	50	-	1,504											
84399	Mobility Plus Bus Expansion - Future Years	-	-	-	-	520	-	520	-	520	-	520	-	-	2,080											
84513	Conventional Bus Expansion - 2013/2014	-	-	-	6,636	-	-	-	-	-	-	-	-	-	6,636											
84599	Conventional Bus Expansion - Future Years	-	-	-	-	9,954	5,530	12,719	4,424	12,166	-	18,802	-	-	63,595											
84799	Viva Bus Expansion - Future Years	-	-	-	-	-	42,075	-	11,475	-	-	-	-	-	53,550											
<b>Sub Total Growth/Expansion</b>		<b>9,826</b>	<b>3,416</b>	<b>3,855</b>	<b>24,136</b>	<b>13,624</b>	<b>94,655</b>	<b>51,519</b>	<b>66,664</b>	<b>26,126</b>	<b>440</b>	<b>19,837</b>	<b>515</b>	<b>63,000</b>	<b>377,613</b>											
<b>Enhancement/Improvement</b>																										
83970	Bike Racks	269	40	40	40	40	40	19	-	-	-	-	-	-	488											
86100	Facility Security	158	100	125	-	-	-	-	-	-	-	-	-	-	508											
86103	Bike Racks & Lockers	42	-	-	99	99	-	99	-	-	-	-	-	-	240											
86110	Vehicle Diagnostic System	-	-	-	2,540	2,400	1,260	3,020	-	-	-	-	-	-	9,220											
86117	Transportation & Community Planning Office Expansion	-	150	300	-	-	-	-	-	-	-	-	-	-	450											
<b>Sub Total Enhancement/Improvement</b>		<b>469</b>	<b>290</b>	<b>465</b>	<b>2,705</b>	<b>2,539</b>	<b>1,300</b>	<b>3,138</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,906</b>											
<b>Total Tangible Capital Assets</b>														<b>15,786</b>	<b>4,528</b>	<b>13,160</b>	<b>33,481</b>	<b>30,492</b>	<b>102,495</b>	<b>96,572</b>	<b>79,459</b>	<b>41,391</b>	<b>21,430</b>	<b>38,287</b>	<b>74,481</b>	<b>614,562</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
86102	Viva Bus Refresh	1,024	3,298	1,200	-	770	1,050	-	-	1,820	-	560	-	-	9,722
<b>Sub Total</b>	<b>Rehabilitation/Replacement</b>	<b>1,024</b>	<b>3,298</b>	<b>1,200</b>	<b>-</b>	<b>770</b>	<b>1,050</b>	<b>-</b>	<b>-</b>	<b>1,820</b>	<b>-</b>	<b>560</b>	<b>-</b>	<b>-</b>	<b>9,722</b>
Total Non-Tangible Capital Assets		1,024	3,298	1,200	-	770	1,050	-	-	1,820	-	560	-	-	9,722
<b>TOTAL GROSS EXPENDITURES</b>		16,810	7,826	14,360	33,481	31,262	103,545	96,572	79,459	43,211	21,430	38,847	74,481	63,000	624,284

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
	(In \$000's)													
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: Current Tax Levy	5,787	3,281	6,850	8,598	9,496	10,494	11,392	12,390	13,288	14,286	15,284	15,482	-	126,628
Development Charges	361	43	366	2,818	1,083	44,621	7,545	25,956	3,470	34	1,287	40	27,154	114,778
Development Charges Committed	742	302	-	-	-	-	-	-	-	-	-	-	-	1,044
Reserve: Facilities Management	-	-	2,710	707	8,003	-	33,543	405	3,797	6,704	3,726	58,484	-	118,079
Reserve: Prior Year Tax Levy	1,836	1,213	220	-	-	-	-	-	-	-	-	-	-	3,269
<b>Sub Total Regional</b>	<b>8,726</b>	<b>4,839</b>	<b>10,146</b>	<b>12,123</b>	<b>18,582</b>	<b>55,115</b>	<b>52,480</b>	<b>38,751</b>	<b>20,555</b>	<b>21,024</b>	<b>20,297</b>	<b>74,006</b>	<b>27,154</b>	<b>363,798</b>
<b>External</b>														
Reserve: Federal Gas Tax	3,664	1,858	3,274	10,568	12,541	27,616	43,974	26,483	22,656	406	18,550	475	35,846	207,911
Provincial Funding	646	1,129	940	40	139	40	118	-	-	-	-	-	-	3,052
Reserve: Provincial Gas Tax	933	-	-	-	-	-	-	-	-	-	-	-	-	933
<b>Sub Total External</b>	<b>5,243</b>	<b>2,987</b>	<b>4,214</b>	<b>10,608</b>	<b>12,680</b>	<b>27,656</b>	<b>44,092</b>	<b>26,483</b>	<b>22,656</b>	<b>406</b>	<b>18,550</b>	<b>475</b>	<b>35,846</b>	<b>211,896</b>
TOTAL AVAILABLE FINANCING	13,969	7,826	14,360	22,731	31,262	82,771	96,572	65,234	43,211	21,430	38,847	74,481	63,000	575,694
TOTAL DEBENTURE REQUIREMENTS	2,841	-	-	10,750	-	20,774	-	14,225	-	-	-	-	-	48,590
TOTAL FINANCING SOURCES	16,810	7,826	14,360	33,481	31,262	103,545	96,572	79,459	43,211	21,430	38,847	74,481	63,000	624,284
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debt Proceeds Tax Levy	2,841	-	-	10,750	-	20,774	-	14,225	-	-	-	-	-	48,590
TOTAL DEBENTURE REQUIREMENTS	2,841	-	-	10,750	-	20,774	-	14,225	-	-	-	-	-	48,590

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81582	Transit Vehicle Garage - North	52,750	215	-	10,750	7,385	34,400	-	-
81583	Transit Vehicle Garage - Southeast	89,000	1,644	-	20,774	17,890	48,692	-	-
81584	Transit Vehicle Garages #4	25,000	-	-	14,225	10,775	-	-	-
82150	Bus Terminals, Loops & Stops-Expansion	8,210	-	-	-	714	7,496	-	-
82190	Bus Terminals, Loops & Stops-Replacement	14,475	12,980	1,495	-	-	-	-	-
82770	Support Vehicles	550	-	-	-	-	550	-	-
83970	Bike Racks	179	-	-	-	-	179	-	-
84399	Mobility Plus Bus Expansion - Future Years	2,080	-	-	-	176	1,904	-	-
84499	Mobility Plus Bus Replacement - Future Years	5,200	520	4,680	-	-	-	-	-
84513	Conventional Bus Expansion - 2013/2014	6,636	-	-	-	425	6,211	-	-
84599	Conventional Bus Expansion - Future Years	63,595	-	-	-	4,070	59,525	-	-
84699	Conventional Bus Replacement - Future Years	38,710	10,099	28,611	-	-	-	-	-
84799	Viva Bus Expansion - Future Years	53,550	-	-	-	45,785	7,765	-	-
84899	Viva Bus Replacement - Future Years	99,400	20,916	78,484	-	-	-	-	-
86100	Facility Security	250	250	-	-	-	-	-	-
86102	Viva Bus Refresh	5,400	5,400	-	-	-	-	-	-
86103	Bike Racks & Lockers	198	-	-	-	-	198	-	-
86110	Vehicle Diagnostic System	9,220	9,220	-	-	-	-	-	-
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	51,845	45,916	5,029	-	-	900	-	-
86113	Viva Bus Major Structural Refurbishing & Mechanical Overhaul	7,000	7,000	-	-	-	-	-	-
86117	Transportation & Community Planning Office Expansion	300	300	-	-	-	-	-	-
86118	Bus Conversion	3,100	3,100	-	-	-	-	-	-
<b>Total Tax Supported</b>		<b>536,648</b>	<b>117,560</b>	<b>118,299</b>	<b>45,749</b>	<b>87,220</b>	<b>167,820</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015 (In \$000's)	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
82190	Bus Terminals, Loops & Stops- Replacement	5,491	722	1,495	-	-	-	-	-	1,495	7,708
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	-	100	4,245	-	-	-	-	-	4,245	4,345
86118	Bus Conversion	-	-	3,100	-	-	-	-	-	3,100	3,100
<b>Sub Total Rehabilitation/Replacement</b>		<b>5,491</b>	<b>822</b>	<b>8,840</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,840</b>	<b>15,153</b>
<b>Growth/Expansion</b>											
81582	Transit Vehicle Garage - North	22	1,410	750	2,000	1,500	-	-	-	4,250	5,682
81583	Transit Vehicle Garage - Southeast	18	-	-	-	-	-	-	-	-	18
82150	Bus Terminals, Loops & Stops-Expansion	9,138	1,700	3,005	-	-	-	-	-	3,005	13,843
82770	Support Vehicles	648	306	100	-	-	-	-	-	100	1,054
84513	Conventional Bus Expansion - 2013/2014	-	-	-	6,636	-	-	-	-	6,636	6,636
<b>Sub Total Growth/Expansion</b>		<b>9,826</b>	<b>3,416</b>	<b>3,855</b>	<b>8,636</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,991</b>	<b>27,233</b>
<b>Enhancement/Improvement</b>											
83970	Bike Racks	269	40	40	-	-	-	-	-	40	349
86100	Facility Security	158	100	125	125	-	-	-	-	250	508
86103	Bike Racks & Lockers	42	-	-	-	-	-	-	-	-	42
86117	Transportation & Community Planning Office Expansion	-	150	300	-	-	-	-	-	300	450
<b>Sub Total Enhancement/Improvement</b>		<b>469</b>	<b>290</b>	<b>465</b>	<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>590</b>	<b>1,349</b>
<b>Total Tangible Capital Assets</b>		15,786	4,528	13,160	8,761	1,500	-	-	-	23,421	43,735
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
86102	Viva Bus Refresh	1,024	3,298	1,200	-	-	-	-	-	1,200	5,522
<b>Sub Total Rehabilitation/Replacement</b>		<b>1,024</b>	<b>3,298</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,200</b>	<b>5,522</b>
<b>Total Non-Tangible Capital Assets</b>		1,024	3,298	1,200	-	-	-	-	-	1,200	5,522
<b>TOTAL GROSS EXPENDITURES</b>		16,810	7,826	14,360	8,761	1,500	-	-	-	24,621	49,257

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	5,787	3,281	6,850	125	-	-	-	-	6,975	16,043
Development Charges	361	43	366	705	210	-	-	-	1,281	1,685
Development Charges Committed	742	302	-	-	-	-	-	-	-	1,044
Reserve: Facilities Management	-	-	2,710	-	-	-	-	-	2,710	2,710
Reserve: Prior Year Tax Levy	1,836	1,213	220	-	-	-	-	-	220	3,269
<b>Sub Total Regional</b>	<b>8,726</b>	<b>4,839</b>	<b>10,146</b>	<b>830</b>	<b>210</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,186</b>	<b>24,751</b>
<b>External</b>										
Reserve: Federal Gas Tax	3,664	1,858	3,274	7,931	1,290	-	-	-	12,495	18,017
Provincial Funding	646	1,129	940	-	-	-	-	-	940	2,715
Reserve: Provincial Gas Tax	933	-	-	-	-	-	-	-	-	933
<b>Sub Total External</b>	<b>5,243</b>	<b>2,987</b>	<b>4,214</b>	<b>7,931</b>	<b>1,290</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,435</b>	<b>21,665</b>
TOTAL AVAILABLE FINANCING	13,969	7,826	14,360	8,761	1,500	-	-	-	24,621	46,416
TOTAL DEBENTURE REQUIREMENTS	2,841	-	-	-	-	-	-	-	-	2,841
TOTAL FINANCING SOURCES	16,810	7,826	14,360	8,761	1,500	-	-	-	24,621	49,257
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debt Proceeds Tax Levy	2,841	-	-	-	-	-	-	-	-	2,841
Total Debenture Requirements	2,841	-	-	-	-	-	-	-	-	2,841

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
2013 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
81582	Transit Vehicle Garage - North	4,250	215	-	-	595	3,440	-	-
82150	Bus Terminals, Loops & Stops-Expansion	3,005	-	-	-	261	2,744	-	-
82190	Bus Terminals, Loops & Stops-Replacement	1,495	-	1,495	-	-	-	-	-
82770	Support Vehicles	100	-	-	-	-	100	-	-
83970	Bike Racks	40	-	-	-	-	40	-	-
84513	Conventional Bus Expansion - 2013/2014	6,636	-	-	-	425	6,211	-	-
86100	Facility Security	250	250	-	-	-	-	-	-
86102	Viva Bus Refresh	1,200	1,200	-	-	-	-	-	-
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	4,245	1,910	1,435	-	-	900	-	-
86117	Transportation & Community Planning Office Expansion	300	300	-	-	-	-	-	-
86118	Bus Conversion	3,100	3,100	-	-	-	-	-	-
<b>Total Tax Supported</b>		<b>24,621</b>	<b>6,975</b>	<b>2,930</b>	<b>-</b>	<b>1,281</b>	<b>13,435</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022				
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
81582	Transit Vehicle Garage - North	14,500	-	-	-	-	-	-	-	-	-	-	-	14,500
82150	Bus Terminals, Loops & Stops-Expansion	950	-	-	-	-	-	-	-	-	-	-	-	950
82190	Bus Terminals, Loops & Stops- Replacement	2,265	-	-	-	-	-	-	-	-	-	-	-	2,265
82770	Support Vehicles	50	-	-	-	-	-	-	-	-	-	-	-	50
83970	Bike Racks	40	-	-	-	-	-	-	-	-	-	-	-	40
84599	Conventional Bus Expansion - Future Years	-	9,954	-	-	-	-	-	-	-	-	-	-	9,954
86110	Vehicle Diagnostic System	2,540	-	-	-	-	-	-	-	-	-	-	-	2,540
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	4,375	-	-	-	-	-	-	-	-	-	-	-	4,375
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>24,720</b>	<b>9,954</b>	-	-	-	-	-	-	-	-	-	-	<b>34,674</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>8,761</b>	<b>1,500</b>	-	-	-	-	-	-	-	-	-	-	<b>10,261</b>
<b>Incremental 2014 Capital Spending Authority</b>		<b>24,720</b>	<b>9,954</b>	-	-	-	-	-	-	-	-	-	-	<b>34,674</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>33,481</b>	<b>11,454</b>	-	-	-	-	-	-	-	-	-	-	<b>44,935</b>



**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	8,473	-	-	-	-	-	-	-	-	-	8,473
Development Charges	2,113	637	-	-	-	-	-	-	-	-	2,750
Reserve: Facilities Management	707	-	-	-	-	-	-	-	-	-	707
<b>Sub Total Regional</b>	<b>11,293</b>	<b>637</b>	-	-	-	-	-	-	-	-	<b>11,930</b>
<b>External</b>											
Reserve: Federal Gas Tax	2,637	9,317	-	-	-	-	-	-	-	-	11,954
Provincial Funding	40	-	-	-	-	-	-	-	-	-	40
<b>Sub Total External</b>	<b>2,677</b>	<b>9,317</b>	-	-	-	-	-	-	-	-	<b>11,994</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>13,970</b>	<b>9,954</b>	-	-	-	-	-	-	-	-	<b>23,924</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>10,750</b>	-	-	-	-	-	-	-	-	-	<b>10,750</b>
<b>TOTAL FINANCING SOURCES</b>	<b>24,720</b>	<b>9,954</b>	-	-	-	-	-	-	-	-	<b>34,674</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debtenture Proceeds Tax Levy	10,750	-	-	-	-	-	-	-	-	-	10,750
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>10,750</b>	-	-	-	-	-	-	-	-	-	<b>10,750</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
2014 Incremental Capital Spending Authority Financing Sources by Project  
(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
81582	Transit Vehicle Garage - North	14,500	-	-	10,750	2,030	1,720	-	-
82150	Bus Terminals, Loops & Stops-Expansion	950	-	-	-	83	867	-	-
82190	Bus Terminals, Loops & Stops-Replacement	2,265	2,265	-	-	-	-	-	-
82770	Support Vehicles	50	-	-	-	-	50	-	-
83970	Bike Racks	40	-	-	-	-	40	-	-
84599	Conventional Bus Expansion - Future Years	9,954	-	-	-	637	9,317	-	-
86110	Vehicle Diagnostic System	2,540	2,540	-	-	-	-	-	-
86112	Conv Bus Major Structural Refurbishing & Mechanical Overhaul	4,375	3,668	707	-	-	-	-	-
<b>Total Tax Supported</b>		<b>34,674</b>	<b>8,473</b>	<b>707</b>	<b>10,750</b>	<b>2,750</b>	<b>11,994</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
York Region Transit/Viva  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)							Balance to Complete	Capital Spending Authority		
			2013	2014	2015	2016	2017	2018	2019			2020	2021
<b>Transit Platforms, Loops and Stops</b>													
<b>Expenditures</b>													
82150 Bus Terminals, Loops & Stops-Expansion	9,138	1,700	3,005	-	-	-	-	-	-	-	-	-	3,005
82190 Bus Terminals, Loops & Stops- Replacement	5,491	722	1,495	-	-	-	-	-	-	-	-	-	1,495
86100 Facility Security	158	100	125	-	-	-	-	-	-	-	-	-	250
<b>Total Expenditures</b>	<b>14,787</b>	<b>2,522</b>	<b>4,625</b>	<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,750</b>
<b>Regional Financing Sources</b>													
Current Tax Levy - Reserves	4,717	822	125	-	-	-	-	-	-	-	-	-	250
Development Charges	341	43	261	-	-	-	-	-	-	-	-	-	261
Development Charges Committed	733	105	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	-	-	1,495	-	-	-	-	-	-	-	-	-	1,495
Reserve: Prior Year Tax Levy	1,575	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>7,366</b>	<b>970</b>	<b>1,881</b>	<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,006</b>
<b>External Financing Sources</b>													
Federal Funding	3,647	1,552	2,744	-	-	-	-	-	-	-	-	-	2,744
Provincial Funding	933	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>4,580</b>	<b>1,552</b>	<b>2,744</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,744</b>
<b>Total Debtenture Financing Sources</b>													
<b>Total Financing Sources</b>	<b>2,841</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Financing Sources</b>	<b>14,787</b>	<b>2,522</b>	<b>4,625</b>	<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,750</b>
<b>Garages</b>													
<b>Expenditures</b>													
81582 Transit Vehicle Garage - North	22	1,410	750	2,000	1,500	-	-	-	-	-	-	-	4,250
<b>Total Expenditures</b>	<b>22</b>	<b>1,410</b>	<b>750</b>	<b>2,000</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,250</b>
<b>Regional Financing Sources</b>													
Current Tax Levy - Reserves	20	-	215	-	-	-	-	-	-	-	-	-	215
Development Charges	-	-	105	280	210	-	-	-	-	-	-	-	595
Development Charges Committed	2	197	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>22</b>	<b>1,410</b>	<b>320</b>	<b>280</b>	<b>210</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>810</b>

**2013 Business Plan and Budget  
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2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
(In \$000's)														
<b>External Financing Sources</b>														
Federal Funding	-	-	430	1,720	1,290	-	-	-	-	-	-	-	-	3,440
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	430	1,720	1,290	-	-	-	-	-	-	-	-	3,440
<b>Total Debenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	22	1,410	750	2,000	1,500	-	-	-	-	-	-	-	-	4,250

<b>TCP Office Expansion</b>														
<b>Expenditures</b>														
86117 Transportation & Community Planning Office Expansion	-	150	300	-	-	-	-	-	-	-	-	-	-	300
<b>Total Expenditures</b>	-	150	300	-	-	-	-	-	-	-	-	-	-	300
<b>Regional Financing Sources</b>														
Current Tax Levy - Reserves	-	150	300	-	-	-	-	-	-	-	-	-	-	300
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	-	150	300	-	-	-	-	-	-	-	-	-	-	300
<b>External Financing Sources</b>														
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	-	150	300	-	-	-	-	-	-	-	-	-	-	300

<b>Rolling Stock</b>														
<b>Expenditures</b>														
82770 Support Vehicles	648	306	100	-	-	-	-	-	-	-	-	-	-	100
83970 Bike Racks	269	40	40	-	-	-	-	-	-	-	-	-	-	40
84513 Conventional Bus Expansion - 2013/2014	-	-	-	6,636	-	-	-	-	-	-	-	-	-	6,636
86102 Viva Bus Refresh	1,024	3,298	1,200	-	-	-	-	-	-	-	-	-	-	1,200

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	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)							Balance to Complete	Capital Spending Authority			
			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022
Conv Bus Major Structural Refurbishing & Mechanical Overhaul	-	100	4,245	-	-	-	-	-	-	-	-	-	-	4,245
Bus Conversion	-	-	3,100	-	-	-	-	-	-	-	-	-	-	3,100
<b>Total Expenditures</b>	<b>1,941</b>	<b>3,744</b>	<b>8,685</b>	<b>6,636</b>	-	-	-	-	-	-	-	-	-	<b>15,321</b>
<b>Regional Financing Sources</b>														
Current Tax Levy - Reserves	1,050	2,309	6,210	-	-	-	-	-	-	-	-	-	-	6,210
Development Charges	19	-	-	425	-	-	-	-	-	-	-	-	-	425
Development Charges Committed	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	-	-	1,215	-	-	-	-	-	-	-	-	-	-	1,215
Reserve: Prior Year Tax Levy	261	-	220	-	-	-	-	-	-	-	-	-	-	220
<b>Total Regional Financing Sources</b>	<b>1,337</b>	<b>2,309</b>	<b>7,645</b>	<b>425</b>	-	-	-	-	-	-	-	-	-	<b>8,070</b>
<b>External Financing Sources</b>														
Federal Funding	-	306	100	6,211	-	-	-	-	-	-	-	-	-	6,311
Provincial Funding	604	1,129	940	-	-	-	-	-	-	-	-	-	-	940
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>604</b>	<b>1,435</b>	<b>1,040</b>	<b>6,211</b>	-	-	-	-	-	-	-	-	-	<b>7,251</b>
<b>Total Debenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>1,941</b>	<b>3,744</b>	<b>8,685</b>	<b>6,636</b>	-	-	-	-	-	-	-	-	-	<b>15,321</b>
<b>Combined Program Financing Sources</b>														
<b>Total Regional Financing Sources</b>	<b>8,726</b>	<b>4,839</b>	<b>10,146</b>	<b>830</b>	<b>210</b>	-	-	-	-	-	-	-	-	<b>11,186</b>
<b>Total External Financing Sources</b>	<b>5,243</b>	<b>2,987</b>	<b>4,214</b>	<b>7,931</b>	<b>1,290</b>	-	-	-	-	-	-	-	-	<b>13,435</b>
<b>Total Debenture Financing Sources</b>	<b>2,841</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>16,810</b>	<b>7,826</b>	<b>14,360</b>	<b>8,761</b>	<b>1,500</b>	-	-	-	-	-	-	-	-	<b>24,621</b>
<b>Capital Spending Authority Finance Sources by Program</b>														
<b>Program</b>	Capital Project Total		Tax Levy	Reserves	Debt Proceeds	Development Charges	Grants & Subsidies	Other Recoveries						
Transit Platforms, Loops and Stops	4,750		250	1,495	-	261	2,744	-						
Garages	4,250		215	-	595	-	3,440	-						
TCP Office Expansion	300		300	-	-	-	-	-						
Rolling Stock	15,321		6,210	1,435	425	7,251	-	-						
<b>Total Tax Supported</b>	<b>24,621</b>		<b>6,975</b>	<b>2,930</b>	<b>1,281</b>	<b>13,435</b>	<b>7,251</b>	<b>-</b>						

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		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)										
<b>Transit Platforms, Loops and Stops</b>												
<b>Expenditures</b>												
82150	Bus Terminals, Loops & Stops-Expansion	950	-	-	-	-	-	-	-	-	-	950
82190	Bus Terminals, Loops & Stops- Replacement	2,265	-	-	-	-	-	-	-	-	-	2,265
	<b>Total Expenditures</b>	<b>3,215</b>	-	-	-	-	-	-	-	-	-	<b>3,215</b>
<b>Regional Financing Sources</b>												
	Current Tax Levy - Reserves	2,265	-	-	-	-	-	-	-	-	-	2,265
	Development Charges	83	-	-	-	-	-	-	-	-	-	83
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Facilities Management	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>2,348</b>	-	-	-	-	-	-	-	-	-	<b>2,348</b>
<b>External Financing Sources</b>												
	Federal Funding	867	-	-	-	-	-	-	-	-	-	867
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	<b>867</b>	-	-	-	-	-	-	-	-	-	<b>867</b>
	<b>Total Debtenture Financing Sources</b>	<b>-</b>	-	-	-	-	-	-	-	-	-	<b>-</b>
	<b>Total Financing Sources</b>	<b>3,215</b>	-	-	-	-	-	-	-	-	-	<b>3,215</b>
<b>Garages</b>												
<b>Expenditures</b>												
81582	Transit Vehicle Garage - North	14,500	-	-	-	-	-	-	-	-	-	14,500
	<b>Total Expenditures</b>	<b>14,500</b>	-	-	-	-	-	-	-	-	-	<b>14,500</b>
<b>Regional Financing Sources</b>												
	Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	2,030	-	-	-	-	-	-	-	-	-	2,030
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Facilities Management	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>2,030</b>	-	-	-	-	-	-	-	-	-	<b>2,030</b>

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	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
(In \$000's)											
<b>External Financing Sources</b>											
Federal Funding	1,720	-	-	-	-	-	-	-	-	-	1,720
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>1,720</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,720</b>
<b>Total Debenture Financing Sources</b>	<b>10,750</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,750</b>
<b>Total Financing Sources</b>	<b>14,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,500</b>
<b>Rolling Stock</b>											
<b>Expenditures</b>											
82770 Support Vehicles	50	-	-	-	-	-	-	-	-	-	50
83970 Bike Racks	40	-	-	-	-	-	-	-	-	-	40
84599 Conventional Bus Expansion - Future Years	-	9,954	-	-	-	-	-	-	-	-	9,954
86110 Vehicle Diagnostic System	2,540	-	-	-	-	-	-	-	-	-	2,540
86112 Mechanical Overhaul	4,375	-	-	-	-	-	-	-	-	-	4,375
<b>Total Expenditures</b>	<b>7,005</b>	<b>9,954</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,959</b>
<b>Regional Financing Sources</b>											
Current Tax Levy - Reserves	6,208	-	-	-	-	-	-	-	-	-	6,208
Development Charges	-	637	-	-	-	-	-	-	-	-	637
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	707	-	-	-	-	-	-	-	-	-	707
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>6,915</b>	<b>637</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,552</b>
<b>External Financing Sources</b>											
Federal Funding	50	9,317	-	-	-	-	-	-	-	-	9,367
Provincial Funding	40	-	-	-	-	-	-	-	-	-	40
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>90</b>	<b>9,317</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,407</b>
<b>Total Debenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Financing Sources</b>	<b>7,005</b>	<b>9,954</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,959</b>
<b>Combined Program Financing Sources</b>											
<b>Total Regional Financing Sources</b>	<b>11,293</b>	<b>637</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,930</b>
<b>Total External Financing Sources</b>	<b>2,677</b>	<b>9,317</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,994</b>
<b>Total Debenture Financing Sources</b>	<b>10,750</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,750</b>
<b>Total Financing Sources</b>	<b>24,720</b>	<b>9,954</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,674</b>

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Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	Tax Levy	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Transit Platforms, Loops and Stops	3,215	2,265	-	-	83	867	-		
Garages	14,500	-	-	10,750	2,030	1,720	-		
Rolling Stock	16,959	6,208	707	-	637	9,407	-		
<b>Total Tax Supported</b>	<b>34,674</b>	<b>8,473</b>	<b>707</b>	<b>10,750</b>	<b>2,750</b>	<b>11,994</b>	<b>-</b>		



**2013 Business Plan and Budget**  
**Transportation and Community Planning**  
**York Region Transit**  
**Net Operating Impact of Capital Projects 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Occupancy and R&M Costs	-	-	-	-	-	401	-	-	-	-
Professional Contracted Services	-	319	224	3,112	7,813	5,837	5,075	4,158	3,160	6,278
Financing Costs	-	107	1,199	244	2,354	278	1,735	172	180	188
<b>Total Expenditures</b>	<b>-</b>	<b>426</b>	<b>1,423</b>	<b>3,356</b>	<b>10,167</b>	<b>6,516</b>	<b>6,810</b>	<b>4,330</b>	<b>3,340</b>	<b>6,466</b>
<b>Revenues</b>										
User Rates	-	-	6	713	1,914	1,391	1,225	980	754	1,508
<b>Total Revenues</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>713</b>	<b>1,914</b>	<b>1,391</b>	<b>1,225</b>	<b>980</b>	<b>754</b>	<b>1,508</b>
<b>Total Net Impact on Tax Levy</b>	<b>-</b>	<b>426</b>	<b>1,417</b>	<b>2,643</b>	<b>8,253</b>	<b>5,125</b>	<b>5,585</b>	<b>3,350</b>	<b>2,586</b>	<b>4,958</b>

## Capital Strategy

The existing arterial network consists of over 3,500 lane-kilometres of urban and rural roads. The Regional road network will grow by over 260 lane kilometres over the next ten years. The network also includes: bridges, bike lanes, railway crossings, intersections and highway interchanges. The primary areas of focus for the Roads Capital Plan are:

- Delivery of near-term improvements to address congestion
- Rehabilitation (State-of-good-repair of assets)
- Delivery of growth projects to support planned growth

In addition to the capital delivery programs, the Fleet division is focused on providing corporate-wide procurement for Regional vehicles (excluding YRT/Viva, YRP and EMS vehicles). They also provide preventative maintenance Region-wide.

The Roads branch is delivering a significant program to accommodate projected growth in the Region over the next 10 years. The mandate is to build and maintain a multi-modal transportation network.

While the assets are relatively young, it is vital from both a safety and financial perspective to regularly monitor the efficiency and effectiveness of all assets and plan for on-going maintenance and replacement needs.

The Roads capital program is aligned with the corporate strategic plan in the following 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
  - Improving mobility for users on Regional transportation corridors
2. Focus growth along Regional centres and corridors

The population of the Region is projected to increase by 50% over the next 20 years. Growth related projects focus on a modal shift to public transit (VivaNext rapidway corridors) and urbanization of corridors particularly in the Region's centres and corridors.

## Key Initiatives

During the next 10 years, the focus of the Roads capital program is on accommodating growth and asset management (state-of-good repair). The capital program has been reprofiled to provide delivery targets that reflect realistic timelines. Multiple projects have been grouped together in order to provide flexibility to adjust priorities and resources when delays occur. The budgetary aspects of the capital program have been grouped into the following main categories:

- **Growth** - Build 266 lane km of new arterial roads of which 61 are high occupancy vehicle lanes
- **Rehabilitation** - Resurface over 700 lane km of Regional roads
- **Fleet** – Purchase 140 new and 250 replacement vehicles
- **Facilities** – Initiate the development of 3 new Roads maintenance facilities
- **Transportation Planning Studies**

The Roads capital program is also focused on:

- Shifting capital delivery to also deliver smaller road improvements focused on congestion management in addition to the traditional large growth related projects.
- Focus on addressing ‘missing links’ in existing road network to mitigate congestion.
- Developing an asset management plan to maintain assets in a state-of-good-repair.
- Developing a roads maintenance facilities master plan to meet current and future facility requirements. A review is underway to determine future maintenance facilities requirements. Based on preliminary estimates, two additional facilities will be required within the next 10 years and land is proposed to be purchased for a third additional facility not planned for construction until later. Below is a summary of the planned maintenance facilities:



## New Projects Added

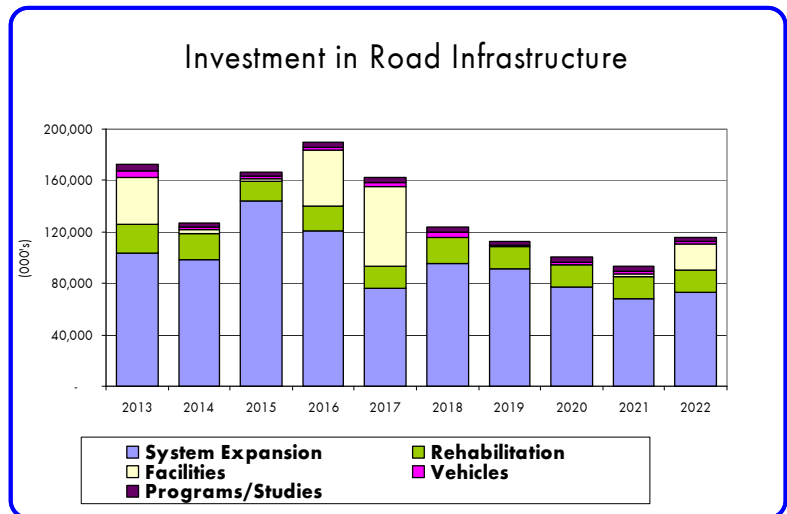
The following are new projects introduced as part of this budget cycle:

New Projects	Planned Start Date
York Region Roads Operations Facility Study	2013
Road Weather Inventory System (RWIS)	2013
King Rd at Hwy 27 Intersection Improvement	2015
King Rd at Weston Rd Intersection Improvement	2015
Leslie St at 19 <sup>th</sup> Ave Intersection Improvement	2016

## Long Term Outlook

### Expenditures

The 10 year capital plan expenditures total \$1.36 billion. 70% of the planned spending will be on growth and 14% 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.

Debt repayment relates to Hwy 404 crossings north of Hwy 7, and future Roads maintenance facilities.

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
39930	Bridge & Culvert Rehabilitation	5,669	1,500	3,000	1,730	1,000	4,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	31,899
39960	Various Road Resurfacing	82,846	16,457	15,450	11,020	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	221,773
39980	Various Road Improvements	27,364	1,940	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	2,150	50,804
80101	King Road - Yonge Street to Bond Crescent	42	100	418	1,911	202	4,280	-	-	-	-	-	-	-	6,953
80200	Udora Bridge Reconstruction	-	-	270	2,304	-	-	-	-	-	-	-	-	-	2,574
80210	Umphey Bridge Reconstruction	-	-	355	3,455	-	-	-	-	-	-	-	-	-	3,810
83910	Road Asset Management	525	600	370	80	80	80	80	-	-	-	-	-	-	1,815
83940	Teston Rd - East of Pine Valley Dr	278	670	-	-	-	-	3,515	-	-	-	-	-	-	4,463
84950	Drainage System Program	542	250	250	250	250	250	250	250	250	250	250	250	250	3,292
99910	Fleet Replacement	5,585	3,000	5,125	1,230	1,040	1,570	2,940	3,810	405	1,955	2,220	1,725	-	30,605
<b>Sub Total Rehabilitation/Replacement</b>		<b>122,851</b>	<b>24,517</b>	<b>27,388</b>	<b>24,130</b>	<b>16,722</b>	<b>24,330</b>	<b>19,920</b>	<b>24,225</b>	<b>17,305</b>	<b>18,855</b>	<b>19,120</b>	<b>18,625</b>	<b>-</b>	<b>357,988</b>
<b>Growth/Expansion</b>															
39920	Property Acquisition for Future Capital Projects	3,705	50	500	500	500	500	500	500	500	500	500	500	500	8,755
39970	Misc. Developer Credit	14,078	900	1,000	650	650	650	650	650	650	650	650	650	650	21,828
80102	15th Sideroad from Keele St to Bathurst St	-	-	-	-	-	-	-	315	-	-	-	-	10,910	11,225
80103	18th Sideroad from Dufferin St to Bathurst St	-	-	-	-	-	-	-	165	-	-	-	-	4,840	5,005
80104	Keele Street and Loydtdown/Aurora Rd	70	140	400	1,349	3,011	-	-	-	-	-	-	-	-	4,970
80120	2nd Concession - Doane Rd. to Queensville Sdrd	-	-	-	-	7,520	-	-	-	-	-	-	-	-	7,520
80180	King Road - 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
80240	Snow Dumping Facility	-	-	-	-	-	30,000	10,000	-	-	-	-	-	-	40,000
80270	York Durham Line and Durham Rd 5	-	125	170	878	64	-	-	-	-	-	-	-	-	1,237
80610	Bathurst St - King Rd to Wellington St	13,892	500	15	4	4	-	-	-	-	-	-	-	-	14,415
80620	Bathurst St - Wellington St to Mulock Dr	12,155	800	15	7	7	-	-	-	-	-	-	-	-	12,984
80660	Ninth Line - N of Major Mackenzie Dr to Stouffville Main St	2,846	1,674	8,212	6,850	-	-	-	-	-	-	-	-	-	19,582
80670	Bayview Ave - 19th Ave to Stouffville Rd	175	140	1,380	2,425	3,188	10	163	-	-	-	-	-	-	7,481

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
80680	Bayview Ave - Elgin Mills Rd to 19th Ave	1,891	295	3,666	3,813	2,697	119	25	-	-	-	-	-	-	-	12,506
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	3,745	1,152	664	523	80	6,960	-	-	-	-	-	-	-	-	13,124
80790	14th Ave - Reesor Rd to York Durham Line	2	-	-	-	-	-	660	420	3,350	3,630	4,220	2,110	-	-	14,392
81010	King Road at Weston	-	20	168	109	1,179	115	-	-	-	-	-	-	-	-	1,591
81020	King Road at Highway 27	-	20	169	200	2,144	-	-	-	-	-	-	-	-	-	2,533
81030	Leslie Street at 19th Avenue	-	-	550	600	500	3,965	-	-	-	-	-	-	-	-	5,615
81040	York Region Roads Operations Facility Strategy	-	-	500	500	500	-	40,000	-	-	2,000	20,000	42,000	-	-	105,500
81050	Road Weather Inventory System (RWIS)	-	-	75	-	-	-	-	-	-	-	-	-	-	-	75
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	5,518	615	520	3,860	15,530	14,470	-	-	-	-	-	-	-	-	40,513
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	446	515	330	60	2,030	2,230	1,780	6,400	1,810	-	-	-	-	-	15,601
81420	Bayview Ave - Hwy 7 to John St	249	-	-	-	-	-	265	110	875	2,020	13,604	2,913	-	-	20,036
81510	Keele St and 15th Sideroad	3,813	112	10	-	-	-	-	-	-	-	-	-	-	-	3,935
81810	Hwy 50 - Hwy 7 to Rutherford Rd	5,783	11,700	2,600	112	1,170	-	-	-	-	-	-	-	-	-	21,365
82700	16th Ave - Woodbine Ave to Warden Ave	98	-	-	-	-	-	-	172	760	1,914	5,521	6,777	-	-	15,242
82730	Dufferin St - Major Mackenzie Dr to Teston Rd	2	-	-	-	110	220	90	730	3,530	2,790	3,679	173	-	-	11,324
82740	Bayview Ave - 16th Ave to Major Mackenzie Dr	105	-	-	-	-	-	220	167	460	800	5,692	798	-	-	8,242
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	889	245	1,375	1,090	-	200	1,600	2,110	6,260	-	-	-	-	-	13,769
83390	16th Ave - Warden Ave to Kennedy Rd	539	-	-	-	-	-	200	265	420	1,320	1,190	13,744	-	-	17,678
83450	Major Mackenzie Dr - Hwy 50 to CPR	-	-	-	-	100	1,250	2,000	300	4,390	-	-	-	-	-	8,040
83850	Highway 50 and Albion-Vaughan Road/Mayfield	93	45	-	-	210	165	276	-	3,203	667	-	-	-	-	4,659
83870	Ninth Line and Elgin Mills Rd	969	50	3,480	1,125	-	-	-	-	-	-	-	-	-	-	5,624
83880	Ninth Line and Major Mackenzie Dr	2,317	4,075	3,053	2,700	-	-	-	-	-	-	-	-	-	-	12,145
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	147	12	270	391	75	200	2,180	1,686	-	-	-	-	-	-	4,961
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	150	-	-	430	459	250	133	3,305	2,283	-	-	-	-	-	7,010
84120	Keele St - Hwy 7 to Langstaff Rd	448	-	-	-	-	-	-	110	1,268	1,176	400	6,391	-	-	9,793
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	-	580	1,160	1,090	400	1,000	7,365	6,965	1,000	-	-	-	-	-	19,560
84180	Leslie St - Wellington St to St. John's	756	304	1,205	1,420	7,355	376	178	-	-	-	-	-	-	-	11,594

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
84190	Leslie St - St John's Sdrd to Mulock Dr	253	319	180	684	339	6,734	177	-	-	-	-	-	-	-	8,686
84200	Doane Road - Highway 404 to Yonge St	1,263	46	2,710	810	1,100	9,000	10,480	11,280	500	-	-	-	-	-	37,189
84860	Bathurst St and Hwy 9	135	250	-	1,075	3,695	-	-	-	-	-	-	-	-	-	5,155
85110	Teston Rd from Dufferin St to Keele St	11	25	200	60	770	770	770	5,330	13,050	10,665	16,600	11,265	265	59,781	
85560	Rutherford Rd - Keele St to Dufferin St	520	145	225	-	550	1,590	2,900	10,510	10,380	10,590	-	-	-	37,410	
85570	Rutherford Rd - Jane St to Keele St	169	130	190	540	1,910	1,700	9,240	9,165	-	-	-	-	-	23,044	
85580	Rutherford Rd - Dufferin St to Bathurst St	257	345	225	-	300	940	940	750	4,315	4,275	-	-	-	11,407	
85590	Carrville Rd - Bathurst St to Yonge St	186	160	240	-	-	350	590	650	3,600	3,600	-	-	-	9,376	
85600	16th Ave - Yonge St to Bayview Ave	-	-	-	-	-	-	-	100	272	300	620	1,965	17,457	20,714	
85610	16th Ave - Leslie St to Hwy 404	-	-	-	-	-	-	-	100	153	140	824	733	6,052	8,002	
85620	2nd Concession - Green Lane to Doane Rd	2,126	2,100	9,200	9,372	12,772	13,772	250	-	-	-	-	-	-	49,592	
85630	Keele St - Langstaff Rd to Rutherford Rd	-	-	-	-	-	-	-	165	1,758	1,625	200	293	5,342	9,383	
85650	Major Mackenzie Dr - CPR to Hwy 27	-	250	4,740	7,600	4,360	14,000	11,040	-	-	-	-	-	-	41,990	
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	154	514	2,600	2,580	8,520	-	-	-	-	-	-	-	-	14,368	
85690	Stouffville Rd - Warden Ave to Kennedy Rd	1,024	6,480	1,350	-	-	-	-	-	-	-	-	-	-	8,854	
85730	Jane St and Rutherford Rd	69	55	95	195	375	150	865	960	-	-	-	-	-	2,764	
85760	Leslie St and 16th Ave	17	-	-	-	-	-	-	100	100	165	600	490	3,182	4,654	
85780	Ninth Line & Stouffville Rd Jog Elimination	8,827	1,230	5,420	-	-	-	-	-	-	-	-	-	-	15,477	
85790	Southeast Patrol Area Works Yard	70	300	35,400	1,200	1,200	14,400	12,200	-	-	-	-	-	-	64,770	
86800	Queensville Sdrd - Leslie St to Woodbine Ave	57	-	360	460	500	1,000	1,300	5,110	-	-	-	-	-	8,787	
86810	York Durham Line - Steeles Ave to Hwy 7	11	-	625	5,448	16,400	-	-	-	-	-	-	-	-	22,484	
86820	York Durham Line - Hwy 7 to Main St Stouffville	25	-	-	-	-	950	827	765	4,261	4,115	9,697	18,577	-	39,217	
86900	Keele St at 17th Sdrd	85	240	30	80	1,263	2,043	-	-	-	-	-	-	-	3,741	
86910	Dufferin St and King/Vaughan Road	283	-	-	-	320	610	710	200	1,930	200	-	-	-	4,253	
86920	Keele St and King/Vaughan Road	282	185	60	-	520	-	250	2,635	-	-	-	-	-	3,932	
86930	Jane St and King/Vaughan Road	303	160	60	-	1,520	810	2,185	530	-	-	-	-	-	5,568	
91120	Metro Rd - Morton Ave to Old Homestead Rd	22	50	-	-	100	309	901	673	7,801	-	-	-	-	9,856	
94200	Ninth Line - Hwy 407 to the Markham Bypass	16,343	1,700	240	-	-	-	-	-	-	-	-	-	-	18,283	

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
96020	Bathurst St - Green Lane West to Yonge St	1,681	3,000	640	6,280	12,540	4,226	-	-	-	-	-	-	-	-	28,367
96770	Keele St - Steeles Ave to Hwy 7	490	280	640	550	-	-	-	960	1,700	9,810	-	-	-	-	14,430
97000	Bayview Ave - Hwy 407 to 16th Ave	266	-	-	-	-	-	-	165	173	520	2,916	2,912	638	-	7,590
97010	Bloomington Rd - Yonge St to Bayview Ave	4,989	314	6,182	1,327	91	85	-	-	-	-	-	-	-	-	12,988
97080	Bloomington Rd - Bayview Ave to Hwy 404	1,552	1,302	1,000	6,090	2,998	35	-	-	-	-	-	-	-	-	12,977
97100	St John's Sdrd- Bayview Ave to Woodbine Ave	887	140	450	4,425	1,706	10,922	9,404	245	-	-	-	-	-	-	28,179
97120	Stouffville Rd - Hwy 404 to Warden Ave	13,304	2,640	1,610	-	-	-	-	-	-	-	-	-	-	-	17,554
97150	Leslie St - Bethesda Sdrd to Bloomington Rd	918	525	290	-	1,400	1,400	200	3,500	3,400	-	-	-	-	-	11,633
98170	Hwy 7 - Rouge River to Verclaire Gate	1,039	5,000	-	2,355	9,420	-	-	-	-	-	-	-	-	-	17,814
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	111	300	562	1,460	8,765	-	-	-	-	-	-	-	-	-	11,198
98320	Leslie St - Green Lane to Mount Albert Rd	221	-	-	-	-	465	250	470	1,122	-	-	-	7,238	-	9,766
98330	Gamble Sdrd - Yonge St to Bathurst St	2,720	561	12	-	-	-	-	-	-	-	-	-	-	-	3,293
98340	19th Ave - Yonge St to Bayview Ave	6,465	540	478	649	26	-	-	-	-	-	-	-	-	-	8,158
98570	Langstaff Rd - Hwy 50 to Hwy 27	14,835	-	50	-	-	-	-	-	-	-	-	-	-	-	14,885
98650	Major Mackenzie Dr - Donald Cousen's Parkway to 9th Line	60	-	-	-	240	820	-	-	-	-	-	-	-	-	1,120
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	1,384	200	14,220	9,529	220	20	20	-	-	-	-	-	-	-	25,593
98690	Bayview Ave - Stouffville Rd to Bloomington Rd	-	-	-	-	275	365	570	320	370	4,320	-	-	-	-	6,220
98700	Donald Cousens Parkway Extension to Morningside Ave	4,075	-	-	-	-	1,525	1,697	4,862	7,602	-	-	-	-	-	19,761
99180	16th Ave - Bayview Ave to Leslie St	-	-	-	-	-	-	-	200	172	300	320	1,985	9,644	-	12,621
99210	Bayview Ave - Bloomington Rd to Wellington St	10	10	-	-	440	440	660	880	1,440	2,210	6,430	1,000	-	-	13,520
99240	Kennedy Rd - 14th Ave to Denison St	629	-	250	-	-	-	-	-	-	-	-	-	13,260	-	14,139
99510	16th Ave - Hwy 404 to Woodbine Ave	949	-	-	-	-	-	-	200	172	401	200	847	5,699	-	8,468
99530	Bloomington Rd - Yonge St to Bathurst St	1,064	6,479	3,122	12	91	85	-	-	-	-	-	-	-	-	10,853
99540	Langstaff Rd - Dufferin St to Keele St	1	220	480	450	1,300	7,470	1,580	-	-	-	-	-	-	-	11,501
99550	McCowan Rd - Steeles Ave to 14th Ave	521	-	-	-	560	-	-	515	520	4,870	4,870	-	-	-	11,856
99780	McCowan Rd - 14th Ave to Bullock Dr	25	-	655	-	-	-	-	495	495	6,755	6,755	-	-	-	15,180



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(In \$000's)															
99880	Vivian Rd - Hwy 48 to York Durham Line	1,122	-	-	-	-	-	403	4,402	-	-	-	-	-	5,927
99900	Fleet New Additions	4,490	-	300	600	500	400	300	250	250	250	250	250	-	7,840
<b>Sub Total Growth/Expansion</b>		<b>171,181</b>	<b>60,264</b>	<b>130,678</b>	<b>95,267</b>	<b>146,269</b>	<b>159,426</b>	<b>137,649</b>	<b>91,240</b>	<b>92,152</b>	<b>77,913</b>	<b>70,402</b>	<b>93,523</b>	<b>152,483</b>	<b>1,478,447</b>
<b>Enhancement/Improvement</b>															
85830	Retrofit Noise Mitigation	88	92	50	50	50	50	50	50	50	50	50	50	-	680
<b>Sub Total Enhancement/Improvement</b>		<b>88</b>	<b>92</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>680</b>
<b>Total Tangible Capital Assets</b>		294,120	84,873	168,116	119,447	163,041	183,806	157,619	115,515	109,507	96,818	89,572	112,198	152,483	1,837,115
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
97230	Pavement Management Study - System Maintenance	1,032	150	200	200	200	200	200	200	200	200	200	200	-	3,182
99870	Various Railway Crossing Improvements	2,287	900	500	500	500	500	500	500	500	500	500	500	-	8,187
<b>Sub Total Rehabilitation/Replacement</b>		<b>3,319</b>	<b>1,050</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>700</b>	<b>-</b>	<b>11,369</b>
<b>Growth/Expansion</b>															
39910	Misc. Design & Survey for Future Projects	11,927	750	750	750	750	750	750	750	750	750	750	750	-	20,177
80170	Corridor Design Guideline Study	-	75	200	25	-	-	-	-	-	-	-	-	-	300
80430	Regional Streetscaping	6,359	1,491	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380	1,380	-	21,650
82680	Hwy 404 Crossing north of Hwy 7	371	1,000	4,095	4,000	-	-	-	-	-	-	-	-	-	9,466
82690	Vaughan Metropolitan Centre-Hwy 400/Hwy 7 Interchange	573	230	-	-	2,200	1,130	-	-	-	-	-	-	-	4,133
83480	Transportation Master Plan Update	558	75	300	300	-	-	-	100	100	400	350	-	-	2,183
85120	Donald Cousens Parkway from Hwy 407 to Box Grove By-Pass	-	13,650	1,000	-	-	-	-	-	-	-	-	-	-	14,650
85810	Arterial Corridor Transportation Studies	151	50	250	250	250	250	250	250	250	250	250	250	-	2,701
86730	Highway 404 Interchange at Doane Road	7,449	500	4,839	-	-	-	95	4,300	-	-	-	-	-	17,183
86880	Pedestrian/Cycling Municipal Partnership Program	730	500	500	500	500	500	500	500	500	500	500	500	-	6,230
<b>Sub Total Growth/Expansion</b>		<b>28,118</b>	<b>18,321</b>	<b>13,314</b>	<b>7,205</b>	<b>2,880</b>	<b>5,080</b>	<b>4,105</b>	<b>7,280</b>	<b>2,980</b>	<b>3,280</b>	<b>3,230</b>	<b>2,880</b>	<b>-</b>	<b>98,673</b>
<b>Total Non-Tangible Capital Assets</b>		31,437	19,371	14,014	7,905	3,580	5,780	4,805	7,980	3,680	3,980	3,930	3,580	-	110,042
<b>TOTAL GROSS EXPENDITURES</b>		325,557	104,244	172,130	127,352	166,621	189,586	162,424	123,495	113,187	100,798	93,502	115,778	152,483	1,947,157

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
			(In \$000's)											
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: Current Tax Levy	107,785	20,661	27,072	25,417	35,639	33,765	26,189	34,277	34,298	27,232	31,068	53,985	60,695	518,083
Reserve: Tax Stabilization	-	11	-	-	-	-	-	-	-	-	-	-	-	11
Development Charges	62,578	29,007	138	414	345	276	207	173	173	173	173	60,068	91,428	245,153
Development Charges Committed	47,003	36,820	-	-	-	-	-	-	-	-	-	-	-	83,823
Developer Up-Front Financing	-	115	-	-	-	-	-	-	-	-	-	-	-	115
Other Revenues	237	-	-	-	-	-	-	-	-	-	-	-	-	237
Reserve: General Capital	400	-	5,375	5,962	-	-	-	-	-	-	-	-	-	11,737
Reserve: Prior Year Tax Levy	56,785	13,338	1,200	-	-	-	-	-	-	-	-	-	-	71,323
Reserve: Vehicle Replacement	5,356	3,000	5,125	1,230	1,040	1,570	2,940	3,810	405	1,955	2,220	1,725	-	30,376
<b>Sub Total Regional</b>	<b>280,144</b>	<b>102,952</b>	<b>38,910</b>	<b>33,023</b>	<b>37,024</b>	<b>35,611</b>	<b>29,336</b>	<b>38,260</b>	<b>34,876</b>	<b>29,360</b>	<b>33,461</b>	<b>115,778</b>	<b>152,123</b>	<b>960,858</b>
<b>External</b>														
Federal Funding	831	-	-	-	-	-	-	-	-	-	-	-	-	831
Provincial Funding	3,201	-	-	-	-	-	-	-	-	-	-	-	-	3,201
Municipal/Local	2,469	-	2,525	1,556	2,491	1,080	780	-	-	-	-	-	360	11,261
Other Recoveries	1,286	100	496	808	1,235	-	-	-	-	-	-	-	-	3,925
<b>Sub Total External</b>	<b>7,787</b>	<b>100</b>	<b>3,021</b>	<b>2,364</b>	<b>3,726</b>	<b>1,080</b>	<b>780</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>360</b>	<b>19,218</b>
TOTAL AVAILABLE FINANCING	287,931	103,052	41,931	35,387	40,750	36,691	30,116	38,260	34,876	29,360	33,461	115,778	152,483	980,076
TOTAL DEBENTURE REQUIREMENTS	37,626	1,192	130,199	91,965	125,871	152,895	132,308	85,235	78,311	71,438	60,041	-	-	967,081
TOTAL FINANCING SOURCES	325,557	104,244	172,130	127,352	166,621	189,586	162,424	123,495	113,187	100,798	93,502	115,778	152,483	1,947,157
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debenture Proceeds	37,307	1,192	-	-	-	-	-	-	-	-	-	-	-	38,499
Debenture Proceeds DC	287	-	118,163	91,557	125,463	126,999	81,160	85,235	78,311	71,438	60,041	-	-	838,654
Debenture Proceeds Tax Levy	32	-	12,036	408	408	25,896	51,148	-	-	-	-	-	-	89,928
TOTAL DEBENTURE REQUIREMENTS	37,626	1,192	130,199	91,965	125,871	152,895	132,308	85,235	78,311	71,438	60,041	-	-	967,081

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39910	Misc. Design & Survey for Future Projects	7,500	750	-	6,075	675	-	-	-
39920	Property Acquisition for Future Capital Projects	5,000	500	-	4,050	450	-	-	-
39930	Bridge & Culvert Rehabilitation	24,730	15,490	1,821	6,669	750	-	-	-
39960	Various Road Resurfacing	122,470	117,043	5,427	-	-	-	-	-
39970	Misc. Developer Credit	6,850	6,850	-	-	-	-	-	-
39980	Various Road Improvements	21,500	15,050	-	5,805	645	-	-	-
80101	King Road - Yonge Street to Bond Crescent	6,811	3,727	-	2,484	-	-	-	600
80102	15th Sideroad from Keele St to Bathurst St	315	189	-	126	-	-	-	-
80103	18th Sideroad from Dufferin St to Bathurst St	165	99	-	66	-	-	-	-
80104	Keele Street and Libydtown/Aurora Rd	4,760	475	-	4,285	-	-	-	-
80120	2nd Concession - Doane Rd. to Queensville Sdrd	7,520	4,512	-	3,008	-	-	-	-
80170	Corridor Design Guideline Study	225	22	-	203	-	-	-	-
80180	King Road - Urbanization from Dufferin St to 1 km west	1,600	160	-	1,440	-	-	-	-
80190	Block 18 - Intersection Improvements	1,750	175	-	1,575	-	-	-	-
80200	Udora Bridge Reconstruction	2,574	1,802	-	772	-	-	-	-
80210	Umphrey Bridge Reconstruction	3,810	2,665	-	1,145	-	-	-	-
80230	Portable Snow Melting Facilities	1,500	500	-	1,000	-	-	-	-
80240	Snow Dumping Facility	40,000	-	-	40,000	-	-	-	-
80270	York Durham Line and Durham Rd 5	1,112	110	-	1,002	-	-	-	-
80430	Regional Streetscaping	13,800	2,760	-	9,936	1,104	-	-	-
80610	Bathurst St - King Rd to Wellington St	23	1	-	22	-	-	-	-
80620	Bathurst St - Wellington St to Mulock Dr	29	3	-	26	-	-	-	-
80660	Ninth Line - N of Major Mackenzie Dr to Stouffville Main St	15,062	-	1,505	13,557	-	-	-	-
80670	Bayview Ave - 19th Ave to Stouffville Rd	7,166	693	-	6,235	-	-	-	238
80680	Bayview Ave - Eigin Mills Rd to 19th Ave	10,320	760	-	6,852	-	-	-	2,708
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	8,227	820	-	7,407	-	-	-	-
80790	14th Ave - Reesor Rd to York Durham Line	12,280	1,228	-	7,254	3,798	-	-	-
81010	King Road at Weston	1,571	156	-	1,415	-	-	-	-
81020	King Road at Highway 27	2,513	251	-	2,262	-	-	-	-
81030	Leslie Street at 19th Avenue	5,615	503	-	4,532	-	-	-	580
81040	York Region Roads Operations Facility Strategy	63,500	23,500	-	40,000	-	-	-	-

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
81050	Road Weather Inventory System (RWIS)	75	75	-	-	-	-	-	-
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	34,380	3,438	-	30,942	-	-	-	-
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	14,640	1,464	-	13,176	-	-	-	-
81420	Bayview Ave - Hwy 7 to John St	16,874	1,686	-	2,944	12,244	-	-	-
81510	Keele St and 15th Sideroad	10	1	-	9	-	-	-	-
81810	Hwy 50 - Hwy 7 to Rutherford Rd	3,882	388	-	3,494	-	-	-	-
82680	Hwy 404 Crossing north of Hwy 7	8,095	809	-	7,286	-	-	-	-
82690	Vaughan Metropolitan Centre-Hwy 400/Hwy 7 Interchange	3,330	333	-	2,997	-	-	-	-
82700	16th Ave - Woodbine Ave to Warden Ave	15,144	1,515	-	7,530	6,099	-	-	-
82730	Dufferin St - Major Mackenzie Dr to Teston Rd	11,322	1,130	-	10,036	156	-	-	-
82740	Bayview Ave - 16th Ave to Major Mackenzie Dr	7,339	731	-	1,484	5,124	-	-	-
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	12,635	1,263	-	11,372	-	-	-	-
83390	16th Ave - Warden Ave to Kennedy Rd	3,395	339	-	1,985	1,071	-	-	-
83450	Major Mackenzie Dr - Hwy 50 to CPR	8,040	803	-	7,237	-	-	-	-
83480	Transportation Master Plan Update	1,550	155	-	1,395	-	-	-	-
83850	Highway 50 and Albion-Vaughan Road/Mayfield	4,521	452	-	4,069	-	-	-	-
83870	Ninth Line and Elgin Mills Rd	4,605	264	196	4,145	-	-	-	-
83880	Ninth Line and Major Mackenzie Dr	5,753	-	575	5,178	-	-	-	-
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	4,802	478	-	4,324	-	-	-	-
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	6,860	684	-	6,176	-	-	-	-
83910	Road Asset Management	690	690	-	-	-	-	-	-
83940	Teston Rd - East of Pine Valley Dr	3,515	2,460	-	1,055	-	-	-	-
84120	Keele St - Hwy 7 to Langstaff Rd	2,954	295	-	2,299	360	-	-	-
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	18,980	1,897	-	17,083	-	-	-	-
84180	Leslie St - Wellington St to St. John's	10,534	1,051	-	9,483	-	-	-	-
84190	Leslie St - St John's Sdrd to Mulock Dr	8,114	811	-	7,303	-	-	-	-
84200	Doane Road - Highway 404 to Yonge St	35,880	3,588	-	32,292	-	-	-	-
84860	Bathurst St and Hwy 9	4,770	476	-	4,294	-	-	-	-
84950	Drainage System Program	2,500	1,750	-	675	75	-	-	-
85110	Teston Rd from Dufferin St to Keele St	59,480	5,947	-	43,394	10,139	-	-	-

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
85120	Donald Cousens Parkway from Hwy 407 to Box Grove By-Pass	1,000	100	-	900	-	-	-	-
85560	Rutherford Rd - Keele St to Dufferin St	36,745	3,674	-	33,071	-	-	-	-
85570	Rutherford Rd - Jane St to Keele St	22,745	2,272	-	20,473	-	-	-	-
85580	Rutherford Rd - Dufferin St to Bathurst St	10,805	1,079	-	9,726	-	-	-	-
85590	Carville Rd - Bathurst St to Yonge St	9,030	903	-	8,127	-	-	-	-
85600	16th Ave - Yonge St to Bayview Ave	3,257	325	-	1,163	1,769	-	-	-
85610	16th Ave - Leslie St to Hwy 404	1,950	195	-	1,095	660	-	-	-
85620	2nd Concession - Green Lane to Doane Rd	45,366	4,536	-	40,830	-	-	-	-
85630	Keele St - Langstaff Rd to Rutherford Rd	4,041	402	-	3,375	264	-	-	-
85650	Major Mackenzie Dr - CPR to Hwy 27	41,740	4,174	-	37,566	-	-	-	-
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	13,700	1,370	-	12,330	-	-	-	-
85690	Stouffville Rd - Warden Ave to Kennedy Rd	1,350	135	-	1,215	-	-	-	-
85730	Jane St and Rutherford Rd	2,640	262	-	2,378	-	-	-	-
85760	Leslie St and 16th Ave	1,455	145	-	869	441	-	-	-
85780	Ninth Line & Stouffville Rd Jog Elimination	5,420	482	-	4,338	-	-	-	600
85790	Southeast Patrol Area Works Yard	64,400	-	-	64,400	-	-	-	-
85810	Arterial Corridor Transportation Studies	2,500	250	-	2,025	225	-	-	-
85830	Retrofit Noise Mitigation	500	50	-	405	45	-	-	-
86730	Highway 404 Interchange at Doane Road	9,234	923	-	8,311	-	-	-	-
86800	Queensville Sdrd - Leslie St to Woodbine Ave	8,730	873	-	7,857	-	-	-	-
86810	York Durham Line - Steeles Ave to Hwy 7	22,473	2,245	-	20,228	-	-	-	-
86820	York Durham Line - Hwy 7 to Main St Stouffville	39,192	23,515	-	8,246	7,431	-	-	-
86880	Pedestrian/Cycling Municipal Partnership Program	5,000	5,000	-	-	-	-	-	-
86900	Keele St at 17th Sdrd	3,416	341	-	3,075	-	-	-	-
86910	Dufferin St and King/Vaughan Road	3,970	397	-	3,573	-	-	-	-
86920	Keele St and King/Vaughan Road	3,465	346	-	3,119	-	-	-	-
86930	Jane St and King/Vaughan Road	5,105	510	-	4,595	-	-	-	-
91120	Metro Rd - Morton Ave to Old Homestead Rd	9,784	5,871	-	3,913	-	-	-	-
94200	Ninth Line - Hwy 407 to the Markham Bypass	240	24	-	216	-	-	-	-
96020	Bathurst St - Green Lane West to Yonge St	23,686	2,367	-	21,319	-	-	-	-
96770	Keele St - Steeles Ave to Hwy 7	13,660	1,366	-	12,294	-	-	-	-

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
97000	Bayview Ave - Hwy 407 to 16th Ave	6,686	666	-	3,399	2,621	-	-	-
97010	Bloomington Rd - Yonge St to Bayview Ave	7,685	767	-	6,918	-	-	-	-
97080	Bloomington Rd - Bayview Ave to Hwy 404	10,123	303	709	9,111	-	-	-	-
97100	St John's Sdrd- Bayview Ave to Woodbine Ave	27,152	2,714	-	24,438	-	-	-	-
97120	Stouffville Rd - Hwy 404 to Warden Ave	1,610	-	161	1,449	-	-	-	-
97150	Leslie St - Bethesda Sdrd to Bloomington Rd	10,190	6,114	-	4,076	-	-	-	-
97230	Pavement Management Study - System Maintenance	2,000	2,000	-	-	-	-	-	-
98170	Hwy 7 - Rouge River to Verclaire Gate	11,775	1,177	-	10,598	-	-	-	-
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	10,787	764	-	6,879	-	-	-	3,144
98320	Leslie St - Green Lane to Mount Albert Rd	2,307	230	-	2,077	-	-	-	-
98330	Gamble Sdrd - Yonge St to Bathurst St	12	1	-	11	-	-	-	-
98340	19th Ave - Yonge St to Bayview Ave	1,153	115	-	1,038	-	-	-	-
98570	Langstaff Rd - Hwy 50 to Hwy 27	50	5	-	45	-	-	-	-
98650	Major Mackenzie Dr - Donald Cousen's Parkway to 9th Line	1,060	106	-	954	-	-	-	-
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	24,009	26	2,143	19,519	-	-	-	2,321
98690	Bayview Ave - Stouffville Rd to Bloomington Rd	6,220	621	-	5,599	-	-	-	-
98700	Donald Cousens Parkway Extension to Morningside Ave	15,686	1,567	-	14,119	-	-	-	-
99180	16th Ave - Bayview Ave to Leslie St	2,977	297	-	893	1,787	-	-	-
99210	Bayview Ave - Bloomington Rd to Wellington St	13,500	1,350	-	11,250	900	-	-	-
99240	Kennedy Rd - 14th Ave to Denison St	250	25	-	225	-	-	-	-
99510	16th Ave - Hwy 404 to Woodbine Ave	1,820	182	-	876	762	-	-	-
99530	Bloomington Rd - Yonge St to Bathurst St	3,310	330	-	2,980	-	-	-	-
99540	Langstaff Rd - Dufferin St to Keele St	11,280	1,050	-	9,450	-	-	-	780
99550	McCowan Rd - Steeles Ave to 14th Ave	11,335	1,131	-	10,204	-	-	-	-
99780	McCowan Rd - 14th Ave to Bullock Dr	15,155	1,513	-	13,642	-	-	-	-
99870	Various Railway Crossing Improvements	5,000	2,000	-	2,700	300	-	-	-
99880	Vivian Rd - Hwy 48 to York Durham Line	4,805	2,884	-	1,921	-	-	-	-
99900	Fleet New Additions	3,350	1,105	-	-	2,245	-	-	-
99910	Fleet Replacement	22,020	-	22,020	-	-	-	-	-
<b>Total Tax Supported</b>		<b>1,364,873</b>	<b>328,942</b>	<b>34,557</b>	<b>928,263</b>	<b>62,140</b>	<b>-</b>	<b>-</b>	<b>10,971</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
39930	Bridge & Culvert Rehabilitation	5,669	1,500	3,000	-	-	-	-	-	3,000	10,169
39960	Various Road Resurfacing	82,846	16,457	15,450	-	-	-	-	-	15,450	114,753
39980	Various Road Improvements	27,364	1,940	2,150	-	-	-	-	-	2,150	31,454
80101	King Road - Yonge Street to Bond Crescent	42	100	418	1,761	-	-	-	-	2,179	2,321
80200	Udora Bridge Reconstruction	-	-	270	-	-	-	-	-	270	270
80210	Umphrey Bridge Reconstruction	-	-	355	-	-	-	-	-	355	355
83910	Road Asset Management	525	600	370	80	80	80	80	-	690	1,815
83940	Teston Rd - East of Pine Valley Dr	278	670	-	-	-	-	-	-	-	948
84950	Drainage System Program	542	250	250	-	-	-	-	-	250	1,042
99910	Fleet Replacement	5,585	3,000	5,125	-	-	-	-	-	5,125	13,710
	<b>Sub Total Rehabilitation/Replacement</b>	<b>122,851</b>	<b>24,517</b>	<b>27,388</b>	<b>1,841</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>29,469</b>	<b>176,837</b>
<b>Growth/Expansion</b>											
39920	Property Acquisition for Future Capital Projects	3,705	50	500	-	-	-	-	-	500	4,255
39970	Misc. Developer Credit	14,078	900	1,000	-	-	-	-	-	1,000	15,978
80104	Keele Street and Lloydtown/Aurora Rd	70	140	400	1,089	-	-	-	-	1,489	1,699
80180	King Road - Urbanization from Dufferin St to 1 km west	-	-	1,600	-	-	-	-	-	1,600	1,600
80190	Block 18 - Intersection Improvements	-	-	1,750	-	-	-	-	-	1,750	1,750
80230	Portable Snow Melting Facilities	-	-	750	750	-	-	-	-	1,500	1,500
80270	York Durham Line and Durham Rd 5	-	125	170	30	-	-	-	-	200	325
80610	Bathurst St - King Rd to Wellington St	13,892	500	15	4	4	-	-	-	23	14,415
80620	Bathurst St - Wellington St to Mulock Dr	12,155	800	15	7	7	-	-	-	29	12,984
80660	Ninth Line - N of Major Mackenzie Dr to Stouffville Main St	2,846	1,674	8,212	6,850	-	-	-	-	15,062	19,582
80670	Bayview Ave - 19th Ave to Stouffville Rd	175	140	1,380	280	-	-	-	-	1,660	1,975
80680	Bayview Ave - Elgin Mills Rd to 19th Ave	1,891	295	3,666	3,813	2,697	119	25	-	10,320	12,506
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	3,745	1,152	664	523	-	-	-	-	1,187	6,084
80790	14th Ave - Reesor Rd to York Durham Line	2	-	-	-	-	-	-	-	-	2
81010	King Road at Weston	-	20	168	-	-	-	-	-	168	188
81020	King Road at Highway 27	-	20	169	-	-	-	-	-	169	189
81030	Leslie Street at 19th Avenue	-	-	550	350	-	-	-	-	900	900

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
(In \$000's)											
81040	York Region Roads Operations Facility Strategy	-	-	500	500	500	-	-	-	1,500	1,500
81050	Road Weather Inventory System (RWIS)	-	-	75	-	-	-	-	-	75	75
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	5,518	615	520	470	-	-	-	-	990	7,123
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	446	515	330	60	-	-	-	-	390	1,351
81420	Bayview Ave - Hwy 7 to John St	249	-	-	-	-	-	-	-	-	249
81510	Keele St and 15th Sideroad	3,813	112	10	-	-	-	-	-	10	3,935
81810	Hwy 50 - Hwy 7 to Rutherford Rd	5,783	11,700	2,600	112	5	-	-	-	2,717	20,200
82700	16th Ave - Woodbine Ave to Warden Ave	98	-	-	-	-	-	-	-	-	98
82730	Dufferin St - Major Mackenzie Dr to Teston Rd	2	-	-	-	-	-	-	-	-	2
82740	Bayview Ave - 16th Ave to Major Mackenzie Dr	105	-	-	-	-	-	-	-	-	105
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	889	245	1,375	1,090	-	-	-	-	2,465	3,599
83390	16th Ave - Warden Ave to Kennedy Rd	539	-	-	-	-	-	-	-	-	539
83850	Highway 50 and Albion-Vaughan Road/Mayfield	93	45	-	-	-	-	-	-	-	138
83870	Ninth Line and Elgin Mills Rd	969	50	3,480	1,125	-	-	-	-	4,605	5,624
83880	Ninth Line and Major Mackenzie Dr	2,317	4,075	3,053	2,700	-	-	-	-	5,753	12,145
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	147	12	270	391	-	-	-	-	661	820
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	150	-	-	-	-	-	-	-	-	150
84120	Keele St - Hwy 7 to Langstaff Rd	448	-	-	-	-	-	-	-	-	448
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	-	580	1,160	1,090	-	-	-	-	2,250	2,830
84180	Leslie St - Wellington St to St. John's	756	304	1,205	690	-	-	-	-	1,895	2,955
84190	Leslie St - St John's Sdrd to Mulock Dr	253	319	180	32	-	-	-	-	212	784
84200	Doane Road - Highway 404 to Yonge St	1,263	46	2,710	810	-	-	-	-	3,520	4,829
84860	Bathurst St and Hwy 9	135	250	-	-	-	-	-	-	-	385
85110	Teston Rd from Dufferin St to Keele St	11	25	200	60	770	770	770	-	2,570	2,606
85560	Rutherford Rd - Keele St to Dufferin St	520	145	225	-	-	-	-	-	225	890
85570	Rutherford Rd - Jane St to Keele St	169	130	190	-	-	-	-	-	190	489
85580	Rutherford Rd - Dufferin St to Bathurst St	257	345	225	-	-	-	-	-	225	827
85590	Carville Rd - Bathurst St to Yonge St	186	160	240	-	-	-	-	-	240	586
85620	2nd Concession - Green Lane to Doane Rd	2,126	2,100	9,200	9,372	12,772	13,772	250	-	45,366	49,592



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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
(In \$000's)											
85650	Major Mackenzie Dr - CPR to Hwy 27	-	250	4,740	7,200	-	-	-	-	11,940	12,190
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	154	514	2,600	1,200	-	-	-	-	3,800	4,468
85690	Stouffville Rd - Warden Ave to Kennedy Rd	1,024	6,480	1,350	-	-	-	-	-	1,350	8,854
85730	Jane St and Rutherford Rd	69	55	95	-	-	-	-	-	95	219
85760	Leslie St and 16th Ave	17	-	-	-	-	-	-	-	-	17
85780	Ninth Line & Stouffville Rd Jog Elimination	8,827	1,230	5,420	-	-	-	-	-	5,420	15,477
85790	Southeast Patrol Area Works Yard	70	300	35,400	1,200	1,200	1,200	-	-	39,000	39,370
86800	Queensville Sdrrd - Leslie St to Woodbine Ave	57	-	360	-	-	-	-	-	360	417
86810	York Durham Line - Steeles Ave to Hwy 7	11	-	625	4,035	-	-	-	-	4,660	4,671
86820	York Durham Line - Hwy 7 to Main St Stouffville	25	-	-	-	-	-	-	-	-	25
86900	Keele St at 17th Sdrrd	85	240	30	20	-	-	-	-	50	375
86910	Dufferin St and King/Vaughan Road	283	-	-	-	-	-	-	-	-	283
86920	Keele St and King/Vaughan Road	282	185	60	-	-	-	-	-	60	527
86930	Jane St and King/Vaughan Road	303	160	60	-	-	-	-	-	60	523
91120	Metro Rd - Morton Ave to Old Homestead Rd	22	50	-	-	-	-	-	-	-	72
94200	Ninth Line - Hwy 407 to the Markham Bypass	16,343	1,700	240	-	-	-	-	-	240	18,283
96020	Bathurst St - Green Lane West to Yonge St	1,681	3,000	640	-	-	-	-	-	640	5,321
96770	Keele St - Steeles Ave to Hwy 7	490	280	640	110	-	-	-	-	750	1,520
97000	Bayview Ave - Hwy 407 to 16th Ave	266	-	-	-	-	-	-	-	-	266
97010	Bloomington Rd - Yonge St to Bayview Ave	4,989	314	6,182	1,327	91	85	-	-	7,685	12,988
97080	Bloomington Rd - Bayview Ave to Hwy 404	1,552	1,302	1,000	6,090	2,998	35	-	-	10,123	12,977
97100	St John's Sdrrd- Bayview Ave to Woodbine Ave	887	140	450	4,425	220	-	-	-	5,095	6,122
97120	Stouffville Rd - Hwy 404 to Warden Ave	13,304	2,640	1,610	-	-	-	-	-	1,610	17,554
97150	Leslie St - Beithesda Sdrrd to Bloomington Rd	918	525	290	-	-	-	-	-	290	1,733
98170	Hwy 7 - Rouge River to Verclaire Gate	1,039	5,000	-	-	-	-	-	-	-	6,039
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	111	300	562	-	-	-	-	-	562	973
98320	Leslie St - Green Lane to Mount Albert Rd	221	-	-	-	-	-	-	-	-	221
98330	Gamble Sdrrd - Yonge St to Bathurst St	2,720	561	12	-	-	-	-	-	12	3,293
98340	19th Ave - Yonge St to Bayview Ave	6,465	540	478	649	26	-	-	-	1,153	8,158
98570	Langstaff Rd - Hwy 50 to Hwy 27	14,835	-	50	-	-	-	-	-	50	14,885

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
(In \$000's)											
98650	Major Mackenzie Dr - Donald Cousen's Parkway to 9th Line	60	-	-	-	-	-	-	-	-	60
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	1,384	200	14,220	9,529	220	20	20	-	24,009	25,593
98700	Donald Cousens Parkway Extension to Morningside Ave	4,075	-	-	-	-	-	-	-	-	4,075
99210	Bayview Ave - Bloomington Rd to Wellington St	10	10	-	-	-	-	-	-	-	20
99240	Kennedy Rd - 14th Ave to Denison St	629	-	250	-	-	-	-	-	250	879
99510	16th Ave - Hwy 404 to Woodbine Ave	949	-	-	-	-	-	-	-	-	949
99530	Bloomington Rd - Yonge St to Bathurst St	1,064	6,479	3,122	12	91	85	-	-	3,310	10,853
99540	Langstaff Rd - Dufferin St to Keele St	1	220	480	-	-	-	-	-	480	701
99550	McCowan Rd - Steeles Ave to 14th Ave	521	-	-	-	-	-	-	-	-	521
99780	McCowan Rd - 14th Ave to Bullock Dr	25	-	655	-	-	-	-	-	655	680
99880	Vivian Rd - Hwy 48 to York Durham Line	1,122	-	-	-	-	-	-	-	-	1,122
99900	Fleet New Additions	4,490	-	300	-	-	-	-	-	300	4,790
<b>Sub Total Growth/Expansion</b>		<b>171,181</b>	<b>60,264</b>	<b>130,678</b>	<b>67,995</b>	<b>21,601</b>	<b>16,086</b>	<b>1,065</b>	<b>-</b>	<b>237,425</b>	<b>468,870</b>
<b>Enhancement/Improvement</b>											
85830	Retrofit Noise Mitigation	88	92	50	-	-	-	-	-	50	230
<b>Sub Total Enhancement/Improvement</b>		<b>88</b>	<b>92</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>230</b>
<b>Total Tangible Capital Assets</b>											
		294,120	84,873	158,116	69,836	21,681	16,166	1,145	-	266,944	645,937
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
97230	Pavement Management Study - System Maintenance	1,032	150	200	-	-	-	-	-	200	1,382
99870	Various Railway Crossing Improvements	2,287	900	500	-	-	-	-	-	500	3,687
<b>Sub Total Rehabilitation/Replacement</b>		<b>3,319</b>	<b>1,050</b>	<b>700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>700</b>	<b>5,069</b>
<b>Growth/Expansion</b>											
39910	Misc. Design & Survey for Future Projects	11,927	750	750	-	-	-	-	-	750	13,427
80170	Corridor Design Guideline Study	-	75	200	25	-	-	-	-	225	300
80430	Regional Streetscaping	6,359	1,491	1,380	-	-	-	-	-	1,380	9,230
82680	Hwy 404 Crossing north of Hwy 7	371	1,000	4,095	4,000	-	-	-	-	8,095	9,466
82690	Vaughan Metropolitan Centre-Hwy 400/Hwy 7 Interchange	573	230	-	-	-	-	-	-	-	803
83480	Transportation Master Plan Update	558	75	300	300	-	-	-	-	600	1,233
85120	Donald Cousens Parkway from Hwy 407 to Box Grove By-Pass	-	13,650	1,000	-	-	-	-	-	1,000	14,650
85810	Arterial Corridor Transportation Studies	151	50	250	-	-	-	-	-	250	451

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
86730	Highway 404 Interchange at Doane Road	7,449	500	4,839	-	-	-	-	-	4,839	12,788
86880	Pedestrian/Cycling Municipal Partnership Program	730	500	500	-	-	-	-	-	500	1,730
	<b>Sub Total Growth/Expansion</b>	<b>28,118</b>	<b>18,321</b>	<b>13,314</b>	<b>4,325</b>	-	-	-	-	<b>17,639</b>	<b>64,078</b>
	Total Non-Tangible Capital Assets	31,437	19,371	14,014	4,325	-	-	-	-	18,339	69,147
	<b>TOTAL GROSS EXPENDITURES</b>	<b>325,557</b>	<b>104,244</b>	<b>172,130</b>	<b>74,161</b>	<b>21,681</b>	<b>16,166</b>	<b>1,145</b>	<b>-</b>	<b>285,283</b>	<b>715,084</b>

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	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
	(In \$000's)									
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	107,785	20,661	27,072	6,139	2,511	1,566	186	-	37,474	165,920
Reserve: Tax Stabilization	-	11	-	-	-	-	-	-	-	11
Development Charges	62,578	29,007	138	-	-	-	-	-	138	91,723
Development Charges Committed	47,003	36,820	-	-	-	-	-	-	-	83,823
Developer Up-Front Financing	-	115	-	-	-	-	-	-	-	115
Other Revenues	237	-	-	-	-	-	-	-	-	237
Reserve: General Capital	400	-	5,375	2,517	-	-	-	-	7,892	8,292
Reserve: Prior Year Tax Levy	56,785	13,338	1,200	-	-	-	-	-	1,200	71,323
Reserve: Vehicle Replacement	5,356	3,000	5,125	-	-	-	-	-	5,125	13,481
<b>Sub Total Regional</b>	<b>280,144</b>	<b>102,952</b>	<b>38,910</b>	<b>8,656</b>	<b>2,511</b>	<b>1,566</b>	<b>186</b>	<b>-</b>	<b>51,829</b>	<b>434,925</b>
<b>External</b>										
Federal Funding	831	-	-	-	-	-	-	-	-	831
Provincial Funding	3,201	-	-	-	-	-	-	-	-	3,201
Municipal/Local	2,469	-	2,525	1,318	582	-	-	-	4,425	6,894
Other Recoveries	1,286	100	496	808	-	-	-	-	1,304	2,690
<b>Sub Total External</b>	<b>7,787</b>	<b>100</b>	<b>3,021</b>	<b>2,126</b>	<b>582</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,729</b>	<b>13,616</b>
TOTAL AVAILABLE FINANCING	287,931	103,052	41,931	10,782	3,093	1,566	186	-	57,558	448,541
TOTAL DEBTENTURE REQUIREMENTS	37,626	1,192	130,199	63,379	18,588	14,600	959	-	227,725	266,543
TOTAL FINANCING SOURCES	325,557	104,244	172,130	74,161	21,681	16,166	1,145	-	285,283	715,084
<b>DEBTENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds	37,307	1,192	-	-	-	-	-	-	-	38,499
Debtenture Proceeds DC	287	-	118,163	62,971	18,180	14,192	959	-	214,465	214,752
Debtenture Proceeds Tax Levy	32	-	12,036	408	408	408	-	-	13,260	13,292
Total Debtenture Requirements	37,626	1,192	130,199	63,379	18,588	14,600	959	-	227,725	266,543

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(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture 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	3,000	279	1,821	900	-	-	-	-
39960	Various Road Resurfacing	15,450	13,468	1,982	-	-	-	-	-
39970	Misc. Developer Credit	1,000	1,000	-	-	-	-	-	-
39980	Various Road Improvements	2,150	1,505	-	645	-	-	-	-
80101	King Road - Yonge Street to Bond Crescent	2,179	1,248	-	831	-	-	-	100
80104	Keele Street and Libydtown/Aurora Rd	1,489	149	-	1,340	-	-	-	-
80170	Corridor Design Guideline Study	225	22	-	203	-	-	-	-
80180	King Road - Urbanization from Dufferin St to 1 km west	1,600	160	-	1,440	-	-	-	-
80190	Block 18 - Intersection Improvements	1,750	175	-	1,575	-	-	-	-
80200	Udora Bridge Reconstruction	270	189	-	81	-	-	-	-
80210	Umphrey Bridge Reconstruction	355	247	-	108	-	-	-	-
80230	Portable Snow Melting Facilities	1,500	500	-	1,000	-	-	-	-
80270	York Durham Line and Durham Rd 5	200	20	-	180	-	-	-	-
80430	Regional Streetscaping	1,380	276	-	1,104	-	-	-	-
80610	Bathurst St - King Rd to Wellington St	23	1	-	22	-	-	-	-
80620	Bathurst St - Wellington St to Mulock Dr	29	3	-	26	-	-	-	-
80660	Ninth Line - N of Major Mackenzie Dr to Stouffville Main St	15,062	-	1,505	13,557	-	-	-	-
80670	Bayview Ave - 19th Ave to Stouffville Rd	1,660	166	-	1,494	-	-	-	-
80680	Bayview Ave - Elgin Mills Rd to 19th Ave	10,320	760	-	6,852	-	-	-	2,708
80720	Markham Bypass - Major Mackenzie Dr to Hwy 48	1,187	116	-	1,071	-	-	-	-
81010	King Road at Weston	168	17	-	151	-	-	-	-
81020	King Road at Highway 27	169	17	-	152	-	-	-	-
81030	Leslie Street at 19th Avenue	900	90	-	810	-	-	-	-
81040	York Region Roads Operations Facility Strategy	1,500	1,500	-	-	-	-	-	-
81050	Road Weather Inventory System (RWIS)	75	75	-	-	-	-	-	-
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	990	99	-	891	-	-	-	-
81390	Bathurst St - North of Hwy 7 to Rutherford Rd	390	39	-	351	-	-	-	-
81510	Keele St and 15th Sideroad	10	1	-	9	-	-	-	-
81810	Hwy 50 - Hwy 7 to Rutherford Rd	2,717	271	-	2,446	-	-	-	-

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(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
82680	Hwy 404 Crossing north of Hwy 7	8,095	809	-	7,286	-	-	-	-
82860	Bathurst St - Rutherford Rd to Major Mackenzie Dr	2,465	246	-	2,219	-	-	-	-
83480	Transportation Master Plan Update	600	60	-	540	-	-	-	-
83870	Ninth Line and Elgin Mills Rd	4,605	264	196	4,145	-	-	-	-
83880	Ninth Line and Major Mackenzie Dr	5,753	-	575	5,178	-	-	-	-
83890	Hwy 50 - Rutherford Rd to Major Mackenzie Dr	661	66	-	595	-	-	-	-
83910	Road Asset Management	690	690	-	-	-	-	-	-
84150	Bathurst St - Major Mackenzie Dr to Elgin Mills	2,250	225	-	2,025	-	-	-	-
84180	Leslie St - Wellington St to St. John's	1,895	188	-	1,707	-	-	-	-
84190	Leslie St - St John's Sdrd to Mulock Dr	212	21	-	191	-	-	-	-
84200	Doane Road - Highway 404 to Yonge St	3,520	352	-	3,168	-	-	-	-
84950	Drainage System Program	250	175	-	75	-	-	-	-
85110	Teston Rd from Dufferin St to Keele St	2,570	257	-	2,313	-	-	-	-
85120	Donald Cousens Parkway from Hwy 407 to Box Grove By-Pass	1,000	100	-	900	-	-	-	-
85560	Rutherford Rd - Keele St to Dufferin St	225	22	-	203	-	-	-	-
85570	Rutherford Rd - Jane St to Keele St	190	18	-	172	-	-	-	-
85580	Rutherford Rd - Dufferin St to Bathurst St	225	22	-	203	-	-	-	-
85590	Carville Rd - Bathurst St to Yonge St	240	24	-	216	-	-	-	-
85620	2nd Concession - Green Lane to Doane Rd	45,366	4,536	-	40,830	-	-	-	-
85650	Major Mackenzie Dr - CPR to Hwy 27	11,940	1,194	-	10,746	-	-	-	-
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	3,800	380	-	3,420	-	-	-	-
85690	Stouffville Rd - Warden Ave to Kennedy Rd	1,350	135	-	1,215	-	-	-	-
85730	Jane St and Rutherford Rd	95	9	-	86	-	-	-	-
85780	Ninth Line & Stouffville Rd Jog Elimination	5,420	482	-	4,338	-	-	-	600
85790	Southeast Patrol Area Works Yard	39,000	-	-	39,000	-	-	-	-
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	-	-	-	-
86800	Queensville Sdrd - Leslie St to Woodbine Ave	360	36	-	324	-	-	-	-
86810	YorK Durham Line - Steeles Ave to Hwy 7	4,660	465	-	4,195	-	-	-	-

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(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
86880	Pedestrian/Cycling Municipal Partnership Program	500	500	-	-	-	-	-	-
86900	Keele St at 17th Sdrd	50	5	-	45	-	-	-	-
86920	Keele St and King/Vaughan Road	60	6	-	54	-	-	-	-
86930	Jane St and King/Vaughan Road	60	6	-	54	-	-	-	-
94200	Ninth Line - Hwy 407 to the Markham Bypass	240	24	-	216	-	-	-	-
96020	Bathurst St - Green Lane West to Yonge St	640	64	-	576	-	-	-	-
96770	Keele St - Steeles Ave to Hwy 7	750	75	-	675	-	-	-	-
97010	Bloomington Rd - Yonge St to Bayview Ave	7,685	767	-	6,918	-	-	-	-
97080	Bloomington Rd - Bayview Ave to Hwy 404	10,123	303	709	9,111	-	-	-	-
97100	St John's Sdrd- Bayview Ave to Woodbine Ave	5,095	509	-	4,586	-	-	-	-
97120	Stouffville Rd - Hwy 404 to Warden Ave	1,610	-	161	1,449	-	-	-	-
97150	Leslie St - Bethesda Sdrd to Bloomington Rd	290	174	-	116	-	-	-	-
97230	Pavement Management Study - System Maintenance	200	200	-	-	-	-	-	-
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	562	56	-	506	-	-	-	-
98330	Gamble Sdrd - Yonge St to Bathurst St	12	1	-	11	-	-	-	-
98340	19th Ave - Yonge St to Bayview Ave	1,153	115	-	1,038	-	-	-	-
98570	Langstaff Rd - Hwy 50 to Hwy 27	50	5	-	45	-	-	-	-
98670	Warden Ave - 16th Ave to Major Mackenzie Dr	24,009	26	2,143	19,519	-	-	-	2,321
99240	Kennedy Rd - 14th Ave to Denison St	250	25	-	225	-	-	-	-
99530	Bloomington Rd - Yonge St to Bathurst St	3,310	330	-	2,980	-	-	-	-
99540	Langstaff Rd - Dufferin St to Keele St	480	48	-	432	-	-	-	-
99780	McCowan Rd - 14th Ave to Bullock Dr	655	65	-	590	-	-	-	-
99870	Various Railway Crossing Improvements	500	200	-	300	-	-	-	-
99900	Fleet New Additions	300	162	-	-	138	-	-	-
99910	Fleet Replacement	5,125	-	5,125	-	-	-	-	-
<b>Total Tax Supported</b>		<b>285,283</b>	<b>37,474</b>	<b>14,217</b>	<b>227,725</b>	<b>138</b>	<b>-</b>	<b>-</b>	<b>5,729</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
39910	Misc. Design & Survey for Future Projects	750	-	-	-	-	-	-	-	-	-	-	-	750
39920	Property Acquisition for Future Capital Projects	500	-	-	-	-	-	-	-	-	-	-	-	500
39930	Bridge & Culvert Rehabilitation	1,730	-	-	-	-	-	-	-	-	-	-	-	1,730
39960	Various Road Resurfacing	11,020	-	-	-	-	-	-	-	-	-	-	-	11,020
39970	Misc. Developer Credit	650	-	-	-	-	-	-	-	-	-	-	-	650
39980	Various Road Improvements	2,150	-	-	-	-	-	-	-	-	-	-	-	2,150
80101	King Road - Yonge Street to Bond Crescent	150	202	-	-	-	-	-	-	-	-	-	-	352
80104	Keele Street and Lloydtown/Aurora Rd	260	-	-	-	-	-	-	-	-	-	-	-	260
80200	Udora Bridge Reconstruction	2,304	-	-	-	-	-	-	-	-	-	-	-	2,304
80210	Umphrey Bridge Reconstruction	3,455	-	-	-	-	-	-	-	-	-	-	-	3,455
80270	York Durham Line and Durham Rd 5	848	-	-	-	-	-	-	-	-	-	-	-	848
80430	Regional Streetscaping	1,380	-	-	-	-	-	-	-	-	-	-	-	1,380
80670	Bayview Ave - 19th Ave to Stouffville Rd	2,145	3,188	10	163	-	-	-	-	-	-	-	-	5,506
81010	King Road at Weston	109	-	-	-	-	-	-	-	-	-	-	-	109
81020	King Road at Highway 27	200	-	-	-	-	-	-	-	-	-	-	-	200
81030	Leslie Street at 19th Avenue	250	-	-	-	-	-	-	-	-	-	-	-	250
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	3,390	9,210	11,500	-	-	-	-	-	-	-	-	-	24,100
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	430	459	-	-	-	-	-	-	-	-	-	-	889
84180	Leslie St - Wellington St to St. John's	730	-	-	-	-	-	-	-	-	-	-	-	730
84190	Leslie St - St John's Sdrd to Mullock Dr	652	339	-	-	-	-	-	-	-	-	-	-	991
84860	Bathurst St and Hwy 9	1,075	-	-	-	-	-	-	-	-	-	-	-	1,075
84950	Drainage System Program	250	-	-	-	-	-	-	-	-	-	-	-	250
85570	Rutherford Rd - Jane St to Keele St	540	540	-	-	-	-	-	-	-	-	-	-	1,080
85650	Major Mackenzie Dr - CPR to Hwy 27	400	1,100	700	-	-	-	-	-	-	-	-	-	2,200



**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	1,380	8,520	-	-	-	-	-	-	-	-	-	-	9,900
85730	Jane St and Rutherford Rd	195	195	-	-	-	-	-	-	-	-	-	-	390
85810	Arterial Corridor Transportation Studies	250	-	-	-	-	-	-	-	-	-	-	-	250
85830	Retrofit Noise Mitigation	50	-	-	-	-	-	-	-	-	-	-	-	50
86800	Queensville Sdrd - Leslie St to Woodbine Ave	460	-	-	-	-	-	-	-	-	-	-	-	460
86810	York Durham Line - Steeles Ave to Hwy 7	1,413	-	-	-	-	-	-	-	-	-	-	-	1,413
86880	Pedestrian/Cycling Municipal Partnership Program	500	-	-	-	-	-	-	-	-	-	-	-	500
86900	Keele St at 17th Sdrd	60	1,118	-	-	-	-	-	-	-	-	-	-	1,178
96020	Bathurst St - Green Lane West to Yonge St	6,280	12,540	4,226	-	-	-	-	-	-	-	-	-	23,046
96770	Keele St - Steeles Ave to Hwy 7	440	-	-	-	-	-	-	-	-	-	-	-	440
97230	Pavement Management Study - System Maintenance	200	-	-	-	-	-	-	-	-	-	-	-	200
98170	Hwy 7 - Rouge River to Verclaire Gate	2,355	9,420	-	-	-	-	-	-	-	-	-	-	11,775
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	1,460	8,765	-	-	-	-	-	-	-	-	-	-	10,225
99540	Langstaff Rd - Dufferin St to Keele St	450	900	-	-	-	-	-	-	-	-	-	-	1,350
99870	Various Railway Crossing Improvements	500	-	-	-	-	-	-	-	-	-	-	-	500
99900	Fleet New Additions	600	-	-	-	-	-	-	-	-	-	-	-	600
99910	Fleet Replacement	1,230	-	-	-	-	-	-	-	-	-	-	-	1,230
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>53,191</b>	<b>56,496</b>	<b>16,436</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>126,286</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>74,161</b>	<b>21,681</b>	<b>16,166</b>	<b>1,145</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>113,153</b>
<b>Incremental 2014 Capital Spending Authority</b>		<b>53,191</b>	<b>56,496</b>	<b>16,436</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>126,286</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>127,352</b>	<b>78,177</b>	<b>32,602</b>	<b>1,308</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>239,439</b>

**2013 Business Plan and Budget  
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2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	19,278	5,435	1,644	16	-	-	-	-	-	-	26,373
Development Charges	414	-	-	-	-	-	-	-	-	-	414
Reserve: General Capital	3,445	-	-	-	-	-	-	-	-	-	3,445
Reserve: Vehicle Replacement	1,230	-	-	-	-	-	-	-	-	-	1,230
<b>Sub Total Regional</b>	<b>24,367</b>	<b>5,435</b>	<b>1,644</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,462</b>
<b>External</b>											
Municipal/Local	238	1,909	-	-	-	-	-	-	-	-	2,147
Other Recoveries	-	1,235	-	-	-	-	-	-	-	-	1,235
<b>Sub Total External</b>	<b>238</b>	<b>3,144</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,382</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>24,605</b>	<b>8,579</b>	<b>1,644</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,844</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>28,586</b>	<b>47,917</b>	<b>14,792</b>	<b>147</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>91,442</b>
<b>TOTAL FINANCING SOURCES</b>	<b>53,191</b>	<b>56,496</b>	<b>16,436</b>	<b>163</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>126,286</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debt Proceeds DC	28,586	47,917	14,792	147	-	-	-	-	-	-	91,442
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>28,586</b>	<b>47,917</b>	<b>14,792</b>	<b>147</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>91,442</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority Financing Sources by Project  
(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
39910	Misc. Design & Survey for Future Projects	750	75	-	675	-	-	-	-
39920	Property Acquisition for Future Capital Projects	500	50	-	450	-	-	-	-
39930	Bridge & Culvert Rehabilitation	1,730	1,211	-	519	-	-	-	-
39960	Various Road Resurfacing	11,020	7,575	3,445	-	-	-	-	-
39970	Misc. Developer Credit	650	650	-	-	-	-	-	-
39980	Various Road Improvements	2,150	1,505	-	645	-	-	-	-
80101	King Road - Yonge Street to Bond Crescent	352	211	-	141	-	-	-	-
80104	Keele Street and Libydtown/Aurora Rd	260	26	-	234	-	-	-	-
80200	Udora Bridge Reconstruction	2,304	1,613	-	691	-	-	-	-
80210	Umphrey Bridge Reconstruction	3,455	2,418	-	1,037	-	-	-	-
80270	York Durham Line and Durham Rd 5	848	84	-	764	-	-	-	-
80430	Regional Streetscaping	1,380	276	-	1,104	-	-	-	-
80670	Bayview Ave - 19th Ave to Stouffville Rd	5,506	527	-	4,741	-	-	-	238
81010	King Road at Weston	109	11	-	98	-	-	-	-
81020	King Road at Highway 27	200	20	-	180	-	-	-	-
81030	Leslie Street at 19th Avenue	250	25	-	225	-	-	-	-
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	24,100	2,410	-	21,690	-	-	-	-
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	889	88	-	801	-	-	-	-
84180	Leslie St - Wellington St to St. John's	730	73	-	657	-	-	-	-
84190	Leslie St - St John's Sdrd to Mulock Dr	991	99	-	892	-	-	-	-
84860	Bathurst St and Hwy 9	1,075	107	-	968	-	-	-	-
84950	Drainage System Program	250	175	-	75	-	-	-	-
85570	Rutherford Rd - Jane St to Keele St	1,080	108	-	972	-	-	-	-
85650	Major Mackenzie Dr - CPR to Hwy 27	2,200	220	-	1,980	-	-	-	-
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	9,900	990	-	8,910	-	-	-	-
85730	Jane St and Rutherford Rd	390	38	-	352	-	-	-	-
85810	Arterial Corridor Transportation Studies	250	25	-	225	-	-	-	-
85830	Retrofit Noise Mitigation	50	5	-	45	-	-	-	-
86800	Queensville Sdrd - Leslie St to Woodbine Ave	460	46	-	414	-	-	-	-
86810	York Durham Line - Steeles Ave to Hwy 7	1,413	141	-	1,272	-	-	-	-

**2013 Business Plan and Budget  
Transportation and Community Planning  
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2014 Incremental 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
86880	Pedestrian/Cycling Municipal Partnership Program	500	500	-	-	-	-	-	-
86900	Keele St at 17th Sdrd	1,178	118	-	1,060	-	-	-	-
96020	Bathurst St - Green Lane West to Yonge St	23,046	2,303	-	20,743	-	-	-	-
96770	Keele St - Steeles Ave to Hwy 7	440	44	-	396	-	-	-	-
97230	Pavement Management Study - System Maintenance	200	200	-	-	-	-	-	-
98170	Hwy 7 - Rouge River to Verclaire Gate	11,775	1,177	-	10,598	-	-	-	-
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	10,225	708	-	6,373	-	-	-	3,144
99540	Langstaff Rd - Dufferin St to Keele St	1,350	135	-	1,215	-	-	-	-
99870	Various Railway Crossing Improvements	500	200	-	300	-	-	-	-
99900	Fleet New Additions	600	186	-	-	414	-	-	-
99910	Fleet Replacement	1,230	-	1,230	-	-	-	-	-
<b>Total Tax Supported</b>		<b>126,286</b>	<b>26,373</b>	<b>4,675</b>	<b>91,442</b>	<b>414</b>	<b>-</b>	<b>-</b>	<b>3,382</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2013 Capital Spending Authority By Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(in \$000's)							Balance to Complete	Capital Spending Authority		
			2013	2014	2015	2016	2017	2018	2019			2020	2021
<b>Rehabilitation and Replacement</b>													
<b>Expenditures</b>													
39930 Bridge & Culvert Rehabilitation	5,669	1,500	3,000	-	-	-	-	-	-	-	-	-	3,000
39960 Various Road Resurfacing	82,846	16,457	15,450	-	-	-	-	-	-	-	-	-	15,450
39980 Various Road Improvements	27,364	1,940	2,150	-	-	-	-	-	-	-	-	-	2,150
80101 King Road - Yonge Street to Bond Crescent	42	100	418	1,761	-	-	-	-	-	-	-	-	2,179
80200 Udora Bridge Reconstruction	-	-	270	-	-	-	-	-	-	-	-	-	270
80210 Umphrey Bridge Reconstruction	-	-	355	-	-	-	-	-	-	-	-	-	355
84950 Drainage System Program	542	250	250	-	-	-	-	-	-	-	-	-	250
99870 Various Railway Crossing Improvements	2,287	900	500	-	-	-	-	-	-	-	-	-	500
<b>Total Expenditures</b>	<b>118,750</b>	<b>21,147</b>	<b>22,393</b>	<b>1,761</b>	-	-	-	-	-	-	-	-	<b>24,154</b>
<b>Regional Financing Sources</b>													
Reserve: Current Tax Levy	82,699	15,157	16,254	1,057	-	-	-	-	-	-	-	-	17,311
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	2,603	-	-	-	-	-	-	-	-	-	2,603
Reserve: Prior Year Tax Levy	33,499	5,990	1,200	-	-	-	-	-	-	-	-	-	1,200
<b>Total Regional Financing Sources</b>	<b>116,198</b>	<b>21,147</b>	<b>20,057</b>	<b>1,057</b>	-	-	-	-	-	-	-	-	<b>21,114</b>
<b>External Financing Sources</b>													
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	2,370	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	182	-	100	-	-	-	-	-	-	-	-	-	100
<b>Total External Financing Sources</b>	<b>2,552</b>	-	<b>100</b>	-	-	-	-	-	-	-	-	-	<b>100</b>
<b>Total Debtenture Financing Sources</b>	-	-	<b>2,236</b>	<b>704</b>	-	-	-	-	-	-	-	-	<b>2,940</b>
<b>Total Financing Sources</b>	<b>118,750</b>	<b>21,147</b>	<b>22,393</b>	<b>1,761</b>	-	-	-	-	-	-	-	-	<b>24,154</b>
<b>Growth</b>													
<b>Expenditures</b>													
39910 Misc. Design & Survey for Future Projects	11,927	750	750	-	-	-	-	-	-	-	-	-	750
39920 Property Acquisition for Future Capital Projects	3,705	50	500	-	-	-	-	-	-	-	-	-	500

**2013 Business Plan and Budget  
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2013 Capital Spending Authority By Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(in \$000's)										Balance to Complete	Capital Spending Authority		
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022				
80104	70	140	400	1,089	-	-	-	-	-	-	-	-	-	-	1,489	
Keele Street and Loydtown/Aurora Rd																
80180	-	-	1,600	-	-	-	-	-	-	-	-	-	-	-	1,600	
King Road - Urbanization from Dufferin St to 1 km west																
80190	-	-	1,750	-	-	-	-	-	-	-	-	-	-	-	1,750	
Block 18 - Intersection Improvements																
80270	-	125	170	30	-	-	-	-	-	-	-	-	-	-	200	
York Durham Line and Durham Rd 5																
80610	13,892	500	15	4	4	-	-	-	-	-	-	-	-	-	23	
Bathurst St - King Rd to Wellington St																
80620	12,155	800	15	7	7	-	-	-	-	-	-	-	-	-	29	
Bathurst St - Wellington St to Mulock Dr																
80660	2,846	1,674	8,212	6,850	-	-	-	-	-	-	-	-	-	-	15,062	
Ninth Line - N of Major Mackenzie Dr to Stouffville Main St																
80670	175	140	1,380	280	-	-	-	-	-	-	-	-	-	-	1,660	
Bayview Ave - 19th Ave to Stouffville Rd																
80680	1,891	295	3,666	3,813	2,697	119	25	-	-	-	-	-	-	-	10,320	
Bayview Ave - Elgin Mills Rd to 19th Ave																
80720	3,745	1,152	664	523	-	-	-	-	-	-	-	-	-	-	1,187	
Markham Bypass - Major Mackenzie Dr to Hwy 48																
81010	-	20	168	-	-	-	-	-	-	-	-	-	-	-	168	
King Road at Weston																
81020	-	20	169	-	-	-	-	-	-	-	-	-	-	-	169	
King Road at Highway 27																
81030	-	-	550	350	-	-	-	-	-	-	-	-	-	-	900	
Leslie Street at 19th Avenue																
81320	5,518	615	520	470	-	-	-	-	-	-	-	-	-	-	990	
Major Mackenzie Dr - Hwy 27 to Pine Valley Dr																
81390	446	515	330	60	-	-	-	-	-	-	-	-	-	-	390	
Bathurst St - North of Hwy 7 to Rutherford Rd																
81510	3,813	112	10	-	-	-	-	-	-	-	-	-	-	-	10	
Keele St and 15th Sideroad																
81810	5,783	11,700	2,600	112	5	-	-	-	-	-	-	-	-	-	2,717	
Hwy 50 - Hwy 7 to Rutherford Rd																
82680	371	1,000	4,095	4,000	-	-	-	-	-	-	-	-	-	-	8,095	
Hwy 404 Crossing north of Hwy 7																
82860	889	245	1,375	1,090	-	-	-	-	-	-	-	-	-	-	2,465	
Bathurst St - Rutherford Rd to Major Mackenzie Dr																

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			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
83870	969	50	3,480	1,125	-	-	-	-	-	-	-	-	-	-	4,605
	Ninth Line and Elgin Mills Rd														
83880	2,317	4,075	3,053	2,700	-	-	-	-	-	-	-	-	-	-	5,753
	Ninth Line and Major Mackenzie Dr														
83890	147	12	270	391	-	-	-	-	-	-	-	-	-	-	661
	Hwy 50 - Rutherford Rd to Major Mackenzie Dr														
84150	-	580	1,160	1,090	-	-	-	-	-	-	-	-	-	-	2,250
	Dr to Elgin Mills														
84180	756	304	1,205	690	-	-	-	-	-	-	-	-	-	-	1,895
	Leslie St - Wellington St to St. John's														
84190	253	319	180	32	-	-	-	-	-	-	-	-	-	-	212
	Leslie St - St John's Sdrd to Mulock Dr														
84200	1,263	46	2,710	810	-	-	-	-	-	-	-	-	-	-	3,520
	Doane Road - Highway 404 to Yonge St														
85110	11	25	200	60	770	770	770	770	-	-	-	-	-	-	2,570
	Teston Rd from Dufferin St to Keele St														
85120	-	13,650	1,000	-	-	-	-	-	-	-	-	-	-	-	1,000
	Donald Cousens Parkway from Hwy 407 to Box Grove By-Pass														
85560	520	145	225	-	-	-	-	-	-	-	-	-	-	-	225
	Rutherford Rd - Keele St to Dufferin St														
85570	169	130	190	-	-	-	-	-	-	-	-	-	-	-	190
	Rutherford Rd - Jane St to Keele St														
85580	257	345	225	-	-	-	-	-	-	-	-	-	-	-	225
	Rutherford Rd - Dufferin St to Bathurst St														
85590	186	160	240	-	-	-	-	-	-	-	-	-	-	-	240
	Carrville Rd - Bathurst St to Yonge St														
85620	2,126	2,100	9,200	9,372	12,772	13,772	250	-	-	-	-	-	-	-	45,366
	2nd Concession - Green Lane to Doane Rd														
85650	-	250	4,740	7,200	-	-	-	-	-	-	-	-	-	-	11,940
	Major Mackenzie Dr - CPR to Hwy 27														
85660	154	514	2,600	1,200	-	-	-	-	-	-	-	-	-	-	3,800
	Major Mackenzie Dr - Pine Valley Dr to Weston Rd														
85690	1,024	6,480	1,350	-	-	-	-	-	-	-	-	-	-	-	1,350
	Stouffville Rd - Warden Ave to Kennedy Rd														
85730	69	55	95	-	-	-	-	-	-	-	-	-	-	-	95
	Jane St and Rutherford Rd														
85780	8,827	1,230	5,420	-	-	-	-	-	-	-	-	-	-	-	5,420
	Ninth Line & Stouffville Rd Jog Elimination														
86730	7,449	500	4,839	-	-	-	-	-	-	-	-	-	-	-	4,839
	Highway 404 Interchange at Doane Road														
86800	57	-	360	-	-	-	-	-	-	-	-	-	-	-	360
	Queensville Sdrd - Leslie St to Woodbine Ave														
86810	11	-	625	4,035	-	-	-	-	-	-	-	-	-	-	4,660
	York Durham Line - Steeles Ave to Hwy 7														

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			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
86900	85	240	30	20	-	-	-	-	-	-	-	-	-	-	50
	Keele St at 17th Sdrd														
86920	282	185	60	-	-	-	-	-	-	-	-	-	-	-	60
	Keele St and King/Vaughan Road														
86930	303	160	60	-	-	-	-	-	-	-	-	-	-	-	60
	Jane St and King/Vaughan Road														
94200	16,343	1,700	240	-	-	-	-	-	-	-	-	-	-	-	240
	Ninth Line - Hwy 407 to the Markham Bypass														
96020	1,681	3,000	640	-	-	-	-	-	-	-	-	-	-	-	640
	Bathurst St - Green Lane West to Yonge St														
96770	490	280	640	110	-	-	-	-	-	-	-	-	-	-	750
	Keele St - Steeles Ave to Hwy 7														
97010	4,989	314	6,182	1,327	91	85	-	-	-	-	-	-	-	-	7,685
	Bloomington Rd - Yonge St to Bayview Ave														
97080	1,552	1,302	1,000	6,090	2,998	35	-	-	-	-	-	-	-	-	10,123
	Bloomington Rd - Bayview Ave to Hwy 404														
97100	887	140	450	4,425	220	-	-	-	-	-	-	-	-	-	5,095
	St John's Sdrd- Bayview Ave to Woodbine Ave														
97120	13,304	2,640	1,610	-	-	-	-	-	-	-	-	-	-	-	1,610
	Stouffville Rd - Hwy 404 to Warden Ave														
97150	918	525	290	-	-	-	-	-	-	-	-	-	-	-	290
	Leslie St - Bethesda Sdrd to Bloomington Rd														
98180	111	300	562	-	-	-	-	-	-	-	-	-	-	-	562
	Hwy 7 - Verclaire Gate to Sciberras Rd														
98330	2,720	561	12	-	-	-	-	-	-	-	-	-	-	-	12
	Gamble Sdrd - Yonge St to Bathurst St														
98340	6,465	540	478	649	26	-	-	-	-	-	-	-	-	-	1,153
	19th Ave - Yonge St to Bayview Ave														
98570	14,835	-	50	-	-	-	-	-	-	-	-	-	-	-	50
	Langstaff Rd - Hwy 50 to Hwy 27														
98670	1,384	200	14,220	9,529	220	20	20	-	-	-	-	-	-	-	24,009
	Warden Ave - 16th Ave to Major Mackenzie Dr														
99240	629	-	250	-	-	-	-	-	-	-	-	-	-	-	250
	Kennedy Rd - 14th Ave to Denison St														



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		(in \$000's)													
99530	Bloomington Rd - Yonge St to Bathurst St	1,064	6,479	3,122	12	91	85	-	-	-	-	-	-	-	3,310
99540	Langstaff Rd - Dufferin St to Keele St	1	220	480	-	-	-	-	-	-	-	-	-	-	480
99780	McCowan Rd - 14th Ave to Bullock Dr	25	-	655	-	-	-	-	-	-	-	-	-	-	655
<b>Total Expenditures</b>		<b>161,859</b>	<b>69,609</b>	<b>103,337</b>	<b>69,545</b>	<b>19,901</b>	<b>14,886</b>	<b>1,065</b>	-	-	-	-	-	-	<b>208,734</b>
<b>Regional Financing Sources</b>															
	Reserve: Current Tax Levy	16,919	3,844	7,405	4,220	1,931	1,486	106	-	-	-	-	-	-	15,148
	Reserve: Tax Stabilization	-	11	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	49,763	24,005	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	43,350	35,773	-	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	115	-	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: General Capital	400	-	2,772	2,517	-	-	-	-	-	-	-	-	-	5,289
	Reserve: Prior Year Tax Levy	9,167	4,669	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>		<b>119,599</b>	<b>68,417</b>	<b>10,177</b>	<b>6,737</b>	<b>1,931</b>	<b>1,486</b>	<b>106</b>	-	-	-	-	-	-	<b>20,437</b>
<b>External Financing Sources</b>															
	Federal Funding	831	-	-	-	-	-	-	-	-	-	-	-	-	0
	Provincial Funding	831	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	2,972	-	2,921	2,126	582	-	-	-	-	-	-	-	-	5,629
<b>Total External Financing Sources</b>		<b>4,634</b>	-	<b>2,921</b>	<b>2,126</b>	<b>582</b>	-	-	-	-	-	-	-	-	<b>5,629</b>
<b>Total Debtenture Financing Sources</b>		<b>37,626</b>	<b>1,192</b>	<b>90,239</b>	<b>60,682</b>	<b>17,388</b>	<b>13,400</b>	<b>959</b>	-	-	-	-	-	-	<b>182,668</b>
<b>Total Financing Sources</b>		<b>161,859</b>	<b>69,609</b>	<b>103,337</b>	<b>69,545</b>	<b>19,901</b>	<b>14,886</b>	<b>1,065</b>	-	-	-	-	-	-	<b>208,734</b>
<b>Programs/Studies</b>															
<b>Expenditures</b>															
39970	Misc. Developer Credit	14,078	900	1,000	-	-	-	-	-	-	-	-	-	-	1,000
80170	Corridor Design Guideline Study	-	75	200	25	-	-	-	-	-	-	-	-	-	225
80430	Regional Streetscapping	6,359	1,491	1,380	-	-	-	-	-	-	-	-	-	-	1,380
81040	York Region Roads Operations Facility Strategy	-	-	500	500	500	-	-	-	-	-	-	-	-	1,500
81050	Road Weather Inventory System (RWIS)	-	-	75	-	-	-	-	-	-	-	-	-	-	75
83480	Transportation Master Plan Update	558	75	300	300	-	-	-	-	-	-	-	-	-	600
83910	Road Asset Management	525	600	370	80	80	80	80	-	-	-	-	-	-	690
85810	Arterial Corridor Transportation Studies	151	50	250	-	-	-	-	-	-	-	-	-	-	250
85830	Retrofit Noise Mitigation	88	92	50	-	-	-	-	-	-	-	-	-	-	50

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			2013	2014	2015	2016	2017	2018	2019	2020			2021	2022
86880 Pedestrian/Cycling Municipal Partnership Program	730	500	500	-	-	-	-	-	-	-	-	-	-	500
97230 Pavement Management Study - System Maintenance	1,032	150	200	-	-	-	-	-	-	-	-	-	-	200
<b>Total Expenditures</b>	<b>23,521</b>	<b>3,933</b>	<b>4,825</b>	<b>905</b>	<b>580</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,470</b>
<b>Regional Financing Sources</b>														
Reserve: Current Tax Levy	5,100	1,076	3,001	612	580	80	80	80	-	-	-	-	-	4,353
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	5,217	104	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	435	862	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	12,168	1,891	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>22,920</b>	<b>3,933</b>	<b>3,001</b>	<b>612</b>	<b>580</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,353</b>
<b>External Financing Sources</b>														
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	601	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>601</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debuture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>1,824</b>	<b>293</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,117</b>
<b>Total Financing Sources</b>	<b>23,521</b>	<b>3,933</b>	<b>4,825</b>	<b>905</b>	<b>580</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,470</b>
<b>Facilities</b>														
<b>Expenditures</b>														
80230 Portable Snow Melting Facilities	-	-	750	750	-	-	-	-	-	-	-	-	-	1,500
85790 Southeast Patrol Area Works Yard	70	300	35,400	1,200	1,200	1,200	-	-	-	-	-	-	-	39,000
<b>Total Expenditures</b>	<b>70</b>	<b>300</b>	<b>36,150</b>	<b>1,950</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,500</b>

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			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022
<b>Regional Financing Sources</b>														
Reserve: Current Tax Levy	-	34	250	250	-	-	-	-	-	-	-	-	-	500
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	46	198	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	24	68	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Vehicle Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>70</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500</b>
<b>External Financing Sources</b>														
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debtenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>35,900</b>	<b>1,700</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>
<b>Total Financing Sources</b>	<b>70</b>	<b>300</b>	<b>36,150</b>	<b>1,950</b>	<b>1,200</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,500</b>
<b>Fleet</b>														
<b>Expenditures</b>														
99900 Fleet New Additions	4,490	-	300	-	-	-	-	-	-	-	-	-	-	300
99910 Fleet Replacement	5,585	3,000	5,125	-	-	-	-	-	-	-	-	-	-	5,125
<b>Total Expenditures</b>	<b>10,075</b>	<b>3,000</b>	<b>5,425</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,425</b>
<b>Regional Financing Sources</b>														
Reserve: Current Tax Levy	1,428	-	162	-	-	-	-	-	-	-	-	-	-	162
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	2,471	-	138	-	-	-	-	-	-	-	-	-	-	138
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	237	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	583	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Vehicle Replacement	5,356	3,000	5,125	-	-	-	-	-	-	-	-	-	-	5,125

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			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022					
<b>Total Regional Financing Sources</b>	10,075	3,000	5,425	-	-	-	-	-	-	-	-	-	-	-	-	5,425	
<b>External Financing Sources</b>																	
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	10,075	3,000	5,425	-	-	-	-	-	-	-	-	-	-	-	-	-	5,425
<b>Combined Program Financing Sources</b>																	
<b>Total Regional Financing Sources</b>	280,144	102,952	38,910	8,656	2,511	1,566	186	-	-	-	-	-	-	-	-	-	51,829
<b>Total External Financing Sources</b>	7,787	100	3,021	2,126	582	-	-	-	-	-	-	-	-	-	-	-	5,729
<b>Total Debenture Financing Sources</b>	37,626	1,192	130,199	63,379	18,588	14,600	959	-	-	-	-	-	-	-	-	-	227,725
<b>Total Financing Sources</b>	325,557	104,244	172,130	74,161	21,681	16,166	1,145	-	-	-	-	-	-	-	-	-	285,283
<b>Capital Spending Authority Finance Sources by Program</b>																	
<b>Program</b>	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries										
Rehabilitation and Replacement	24,154	17,311	3,803	2,940	-	-	100										
Growth	208,734	15,148	5,289	182,668	-	-	5,629										
Programs/Studies	6,470	4,353	-	2,117	-	-	-										
Facilities	40,500	500	-	40,000	-	-	-										
Fleet	5,425	162	5,125	-	138	-	-										
<b>Total Tax Supported</b>	<b>285,283</b>	<b>37,474</b>	<b>14,217</b>	<b>227,725</b>	<b>138</b>	<b>-</b>	<b>5,729</b>										

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
<b>Rehabilitation and Replacement</b>											
<b>Expenditures</b>											
39930 Bridge & Culvert Rehabilitation	1,730	-	-	-	-	-	-	-	-	-	1,730
39960 Various Road Resurfacing	11,020	-	-	-	-	-	-	-	-	-	11,020
39980 Various Road Improvements	2,150	-	-	-	-	-	-	-	-	-	2,150
80101 King Road - Yonge Street to Bond Crescent	150	202	-	-	-	-	-	-	-	-	352
80200 Udora Bridge Reconstruction	2,304	-	-	-	-	-	-	-	-	-	2,304
80210 Umphrey Bridge Reconstruction	3,455	-	-	-	-	-	-	-	-	-	3,455
84950 Drainage System Program	250	-	-	-	-	-	-	-	-	-	250
99870 Various Railway Crossing Improvements	500	-	-	-	-	-	-	-	-	-	500
<b>Total Expenditures</b>	<b>21,559</b>	<b>202</b>	-	-	-	-	-	-	-	-	<b>21,761</b>
<b>Regional Financing Sources</b>											
Reserve: Current Tax Levy	14,787	121	-	-	-	-	-	-	-	-	14,908
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	3,445	-	-	-	-	-	-	-	-	-	3,445
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>18,232</b>	<b>121</b>	-	-	-	-	-	-	-	-	<b>18,353</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>	<b>3,327</b>	<b>81</b>	-	-	-	-	-	-	-	-	<b>3,408</b>
<b>Total Financing Sources</b>	<b>21,559</b>	<b>202</b>	-	-	-	-	-	-	-	-	<b>21,761</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority by Program**

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)										
<b>Growth</b>												
<b>Expenditures</b>												
39910	Misc. Design & Survey for Future Projects	750	-	-	-	-	-	-	-	-	-	750
39920	Property Acquisition for Future Capital Projects	500	-	-	-	-	-	-	-	-	-	500
80104	Keele Street and Lloydtown/Aurora Rd	260	-	-	-	-	-	-	-	-	-	260
80270	York Durham Line and Durham Rd 5	848	-	-	-	-	-	-	-	-	-	848
80670	Bayview Ave - 19th Ave to Stouffville Rd	2,145	3,188	10	163	-	-	-	-	-	-	5,506
81010	King Road at Weston	109	-	-	-	-	-	-	-	-	-	109
81020	King Road at Highway 27	200	-	-	-	-	-	-	-	-	-	200
81030	Leslie Street at 19th Avenue	250	-	-	-	-	-	-	-	-	-	250
81320	Major Mackenzie Dr - Hwy 27 to Pine Valley Dr	3,390	9,210	11,500	-	-	-	-	-	-	-	24,100
83900	Hwy 50 - Major Mackenzie Dr to Albion-Vaughan Rd	430	459	-	-	-	-	-	-	-	-	889
84180	Leslie St - Wellington St to St. John's	730	-	-	-	-	-	-	-	-	-	730
84190	Leslie St - St John's Sdrd to Mulock Dr	652	339	-	-	-	-	-	-	-	-	991
84860	Bathurst St and Hwy 9	1,075	-	-	-	-	-	-	-	-	-	1,075
85570	Rutherford Rd - Jane St to Keele St	540	540	-	-	-	-	-	-	-	-	1,080
85650	Major Mackenzie Dr - CPR to Hwy 27	400	1,100	700	-	-	-	-	-	-	-	2,200
85660	Major Mackenzie Dr - Pine Valley Dr to Weston Rd	1,380	8,520	-	-	-	-	-	-	-	-	9,900
85730	Jane St and Rutherford Rd	195	195	-	-	-	-	-	-	-	-	390
86800	Queensville Sdrd - Leslie St to Woodbine Ave	460	-	-	-	-	-	-	-	-	-	460
86810	York Durham Line - Steeles Ave to Hwy 7	1,413	-	-	-	-	-	-	-	-	-	1,413
86900	Keele St at 17th Sdrd	60	1,118	-	-	-	-	-	-	-	-	1,178
96020	Bathurst St - Green Lane West to Yonge St	6,280	12,540	4,226	-	-	-	-	-	-	-	23,046
96770	Keele St - Steeles Ave to Hwy 7	440	-	-	-	-	-	-	-	-	-	440
98170	Hwy 7 - Rouge River to Verclaire Gate	2,355	9,420	-	-	-	-	-	-	-	-	11,775
98180	Hwy 7 - Verclaire Gate to Sciberras Rd	1,460	8,765	-	-	-	-	-	-	-	-	10,225
99540	Langstaff Rd - Dufferin St to Keele St	450	900	-	-	-	-	-	-	-	-	1,350
<b>Total Expenditures</b>		<b>26,772</b>	<b>56,294</b>	<b>16,436</b>	<b>163</b>	-	-	-	-	-	-	<b>99,665</b>
<b>Regional Financing Sources</b>												
	Reserve: Current Tax Levy	2,649	5,314	1,644	16	-	-	-	-	-	-	9,623
	Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>		<b>2,649</b>	<b>5,314</b>	<b>1,644</b>	<b>16</b>	-	-	-	-	-	-	<b>9,623</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	238	3,144	0	0	0	0	0	0	0	0	3,382
<b>Total External Financing Sources</b>	<b>238</b>	<b>3,144</b>									<b>3,382</b>
<b>Total Debuture Financing Sources</b>	<b>23,885</b>	<b>47,836</b>	<b>14,792</b>	<b>147</b>							<b>86,660</b>
<b>Total Financing Sources</b>	<b>26,772</b>	<b>56,294</b>	<b>16,436</b>	<b>163</b>							<b>99,665</b>
<b>Programs/Studies</b>											
<b>Expenditures</b>											
39970 Misc. Developer Credit	650	-	-	-	-	-	-	-	-	-	650
80430 Regional Streetscaping	1,380	-	-	-	-	-	-	-	-	-	1,380
85810 Arterial Corridor Transportation Studies	250	-	-	-	-	-	-	-	-	-	250
85830 Retrofit Noise Mitigation	50	-	-	-	-	-	-	-	-	-	50
86880 Pedestrian/Cycling Municipal Partnership Program	500	-	-	-	-	-	-	-	-	-	500
97230 Pavement Management Study - System Maintenance	200	-	-	-	-	-	-	-	-	-	200
<b>Total Expenditures</b>	<b>3,030</b>										<b>3,030</b>
<b>Regional Financing Sources</b>											
Reserve: Current Tax Levy	1,656	-	-	-	-	-	-	-	-	-	1,656
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>1,656</b>										<b>1,656</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>											
<b>Total Debuture Financing Sources</b>	<b>1,374</b>										<b>1,374</b>
<b>Total Financing Sources</b>	<b>3,030</b>										<b>3,030</b>

**2013 Business Plan and Budget**  
**Transportation and Community Planning**  
**Roads**  
**2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
<b>(In \$000's)</b>											
<b>Fleet</b>											
<b>Expenditures</b>											
99900 Fleet New Additions	600	-	-	-	-	-	-	-	-	-	600
99910 Fleet Replacement	1,230	-	-	-	-	-	-	-	-	-	1,230
<b>Total Expenditures</b>	<b>1,830</b>	-	-	-	-	-	-	-	-	-	<b>1,830</b>
<b>Regional Financing Sources</b>											
Reserve: Current Tax Levy	186	-	-	-	-	-	-	-	-	-	186
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
Development Charges	414	-	-	-	-	-	-	-	-	-	414
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
Reserve: Vehicle Replacement	1,230	-	-	-	-	-	-	-	-	-	1,230
<b>Total Regional Financing Sources</b>	<b>1,830</b>	-	-	-	-	-	-	-	-	-	<b>1,830</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debuture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>1,830</b>	-	-	-	-	-	-	-	-	-	<b>1,830</b>
<b>Combined Program Financing Sources</b>											
Total Regional Financing Sources	24,367	5,435	1,644	16	-	-	-	-	-	-	31,462
Total External Financing Sources	238	3,144	-	-	-	-	-	-	-	-	3,382
Total Debuture Financing Sources	28,586	47,917	14,792	147	-	-	-	-	-	-	91,442
<b>Total Financing Sources</b>	<b>53,191</b>	<b>56,496</b>	<b>16,436</b>	<b>163</b>	-	-	-	-	-	-	<b>126,296</b>



2013 Business Plan and Budget  
 Transportation and Community Planning  
 Roads  
 2014 Incremental Capital Spending Authority by Program

Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Rehabilitation and Replacement	21,761	14,908	3,445	3,408					
Growth	99,665	9,623		86,660					3,382
Programs/Studies	3,030	1,656		1,374					
Fleet	1,830	186	1,230		414				
<b>Total Tax Supported</b>	<b>126,286</b>	<b>26,373</b>	<b>4,675</b>	<b>91,442</b>	<b>414</b>				<b>3,382</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Roads  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Professional Contracted Services	67	38	130	193	158	65	119	217	98	34
Financing Costs	113	1,337	49	262	2,915	5,314	(2)	(2)	(2)	(4)
<b>Total Expenditures</b>	<b>180</b>	<b>1,375</b>	<b>179</b>	<b>455</b>	<b>3,073</b>	<b>5,379</b>	<b>117</b>	<b>215</b>	<b>96</b>	<b>30</b>
<b>Total Net Impact on Tax Levy</b>	<b>180</b>	<b>1,375</b>	<b>179</b>	<b>455</b>	<b>3,073</b>	<b>5,379</b>	<b>117</b>	<b>215</b>	<b>96</b>	<b>30</b>

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## Capital Strategy

The Traffic Management & Intelligent Transportation Systems (TM&ITS) branch capital program focuses on safety, efficiency of the Region's transportation system and managing traffic congestion through technology and traffic infrastructure improvements.

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

The capital program includes two main areas:

- 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 the corporate strategic plan priority area:

1. 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
  - Improve mobility for users on Regional transportation corridors

## Key Initiatives

The focus of the TM&ITS capital program is in support of a Council adopted Intelligent Transportation System (ITS) strategy, which includes the following initiatives:

- Implementation of road disruption management tool to provide real-time traffic information
- Continue to implement ITS solutions to manage system capacity
- Increase non-automotive travel (transit riders, pedestrians and cyclists) through the design and implementation of the related infrastructure

In addition, there are a number of traffic design and construction projects:

- Intersection improvements to address areas of concern identified by staff and residents are reviewed and improvements are implemented where warranted
- Installation of zebra pavement markings at signalized intersections
- Installation of new traffic infrastructure that complies with AODA guidelines

Technology based projects supporting YRT/Viva include:

- Continuing the Presto (smart card) next phase and upgrades. Enabling use of credit/debit cards at Viva stations and terminals for adding value to the Presto card
- Replacement/upgrade of the Automated Fare Collection (AFC) system
- Replacement/upgrade of the Computer Aided Dispatch and Automatic Vehicle Location system (CAD/AVL)
- Consideration and implementation of a joint transportation control centre facility

## New Projects Added to the 2013 Budget Process

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

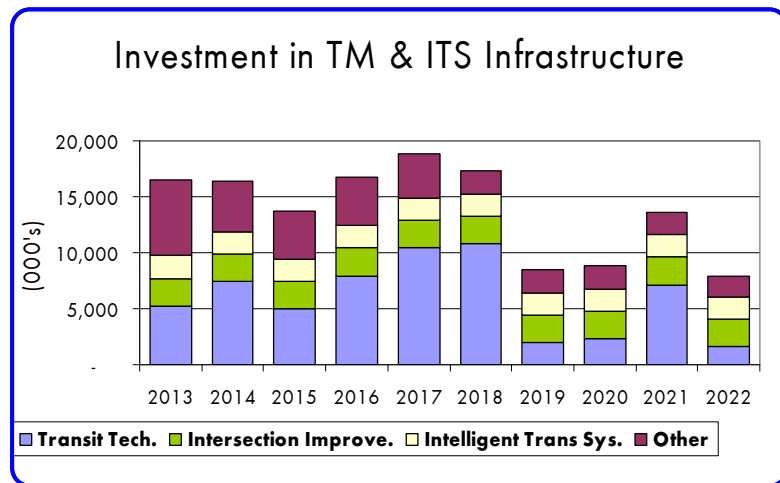
New Projects	Planned Start Date
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None
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The TM&ITS capital program has dedicated annual funding for technology and intersection improvements. Other initiatives such as the Zebra Pavement Marking program and LED replacement program are presented to Council for consideration through the budget process. They are assessed based on their merit in addressing public safety and/or state-of-good-repair concerns.

## Long Term Outlook

The capital plan expenditures total \$138.3 million. 2013 to 2018 are years of above average spending due to implementing the next phase of PRESTO and the automated fare collection system replacement program. 'Other' costs in 2013 to 2017 include an annual budget of \$2.5 million for zebra marking installation.



## **Pressures of Net Operating Impact of New Capital Projects**

The annual budget includes an additional 10 traffic control signals requiring maintenance (half from development assumptions and half from growth capital). Each signal requires approximately \$6,000 per year in additional maintenance costs.

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
															(In \$000's)
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
80220	LED Replacement (Phase 1)	-	700	2,000	-	-	-	250	250	250	250	250	250	-	4,200
86114	CAD/AVL System Replacement	-	-	-	-	-	900	5,400	5,700	200	200	200	200	-	12,800
86115	Automated Fare Collection System Replacement	-	-	300	550	50	100	3,400	3,400	100	50	250	100	-	8,300
<b>Sub Total Rehabilitation/Replacement</b>		<b>-</b>	<b>700</b>	<b>2,300</b>	<b>550</b>	<b>50</b>	<b>1,000</b>	<b>9,050</b>	<b>9,350</b>	<b>550</b>	<b>500</b>	<b>700</b>	<b>550</b>	<b>-</b>	<b>25,300</b>
<b>Growth/Expansion</b>															
39950	Intersection Improvements Program	20,542	1,789	2,474	2,474	2,474	2,474	2,474	2,474	2,474	2,474	2,474	2,474	-	47,071
39990	Traffic Control Signal & Electrical Improvements	9,305	500	750	750	750	750	750	750	750	750	750	750	-	17,305
86116	Presto Next Phase / Upgrades	-	-	1,400	4,800	3,800	5,600	600	600	600	1,000	5,600	600	-	24,600
99890	Intelligent Transportation Systems (ITS)	2,807	1,450	2,200	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	-	24,457
<b>Sub Total Growth/Expansion</b>		<b>32,654</b>	<b>3,739</b>	<b>6,824</b>	<b>10,024</b>	<b>9,024</b>	<b>10,824</b>	<b>5,824</b>	<b>5,824</b>	<b>5,824</b>	<b>6,224</b>	<b>10,824</b>	<b>5,824</b>	<b>-</b>	<b>113,433</b>
<b>Enhancement/Improvement</b>															
83980	Security Equipment	2,734	450	440	100	100	100	100	100	100	100	100	100	-	4,524
86107	Intelligent Transportation Systems (ITS) Software Systems	-	350	2,400	1,589	593	847	551	556	561	566	571	376	-	8,960
86180	Computer Aided Dispatch/Automatic Vehicle Location System	8,189	450	810	402	404	406	408	410	412	414	416	218	-	12,939
<b>Sub Total Enhancement/Improvement</b>		<b>10,923</b>	<b>1,250</b>	<b>3,650</b>	<b>2,091</b>	<b>1,097</b>	<b>1,353</b>	<b>1,059</b>	<b>1,066</b>	<b>1,073</b>	<b>1,080</b>	<b>1,087</b>	<b>694</b>	<b>-</b>	<b>26,423</b>
Total Tangible Capital Assets		43,577	5,689	12,774	12,665	10,171	13,177	15,933	16,240	7,447	7,804	12,611	7,068	-	165,156
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
80105	Pavement Marking Program	-	635	2,500	2,500	2,500	2,500	1,865	-	-	-	-	-	-	12,500
80108	Sign Inventory Management Program	-	15	150	135	-	-	-	-	-	-	-	-	-	300
83920	Traffic Safety Program Improvements	382	100	100	100	100	100	100	100	100	100	100	100	-	1,482
<b>Sub Total Rehabilitation/Replacement</b>		<b>382</b>	<b>750</b>	<b>2,750</b>	<b>2,735</b>	<b>2,600</b>	<b>2,600</b>	<b>1,965</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>14,282</b>
<b>Growth/Expansion</b>															
83490	Smart Commute Initiative	1,250	280	230	200	200	200	200	200	200	200	200	200	-	3,560
83830	Ontarians with Disabilities Act (ODA) Compliance	679	250	250	250	250	250	250	250	250	250	250	-	-	3,179
84940	Pedestrian Cycling Program	-	-	500	500	500	500	500	500	500	500	500	500	-	5,000
<b>Sub Total Growth/Expansion</b>		<b>1,929</b>	<b>530</b>	<b>980</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>950</b>	<b>700</b>	<b>-</b>	<b>11,739</b>
Total Non-Tangible Capital Assets		2,311	1,280	3,730	3,685	3,550	3,550	2,915	1,050	1,050	1,050	1,050	800	-	26,021

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
														(In \$000's)	
<b>TOTAL GROSS EXPENDITURES</b>															
		45,888	6,969	16,504	16,350	13,721	16,727	18,848	17,290	8,497	8,854	13,661	7,868	-	191,177



**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>FINANCING SOURCES</b>															
<b>Regional</b>															
Reserve: Current Tax Levy	12,041	2,814	5,485	3,299	3,166	3,168	2,900	1,597	1,599	1,601	1,603	1,155	-	40,428	
Development Charges	18,322	2,060	6,919	6,112	6,112	6,112	5,997	5,437	5,437	5,437	5,437	5,437	-	78,819	
Development Charges Committed	3,636	1,305	-	-	-	-	-	-	-	-	-	-	-	4,941	
Developer Up-Front Financing	140	-	-	-	-	-	-	-	-	-	-	-	-	140	
Reserve: Facilities Management	-	-	300	550	50	1,000	8,800	9,100	300	250	450	300	-	21,100	
Reserve: General Capital	5,977	-	-	-	-	-	-	-	-	-	-	-	-	5,977	
Reserve: Prior Year Tax Levy	2,444	440	-	-	-	-	-	-	-	-	-	-	-	2,884	
<b>Sub Total Regional</b>	<b>42,560</b>	<b>6,619</b>	<b>12,704</b>	<b>9,961</b>	<b>9,328</b>	<b>10,280</b>	<b>17,697</b>	<b>16,134</b>	<b>7,336</b>	<b>7,288</b>	<b>7,490</b>	<b>6,892</b>	<b>-</b>	<b>154,289</b>	
<b>External</b>															
Federal Funding	629	-	-	-	-	-	-	-	-	-	-	-	-	629	
Reserve: Federal Gas Tax	1,098	350	3,800	6,389	4,393	6,447	1,151	1,156	1,161	1,566	6,171	976	-	34,658	
Provincial Funding	21	-	-	-	-	-	-	-	-	-	-	-	-	21	
Municipal/Local	457	-	-	-	-	-	-	-	-	-	-	-	-	457	
Other Recoveries	1,123	-	-	-	-	-	-	-	-	-	-	-	-	1,123	
<b>Sub Total External</b>	<b>3,328</b>	<b>350</b>	<b>3,800</b>	<b>6,389</b>	<b>4,393</b>	<b>6,447</b>	<b>1,151</b>	<b>1,156</b>	<b>1,161</b>	<b>1,566</b>	<b>6,171</b>	<b>976</b>	<b>-</b>	<b>36,888</b>	
<b>TOTAL AVAILABLE FINANCING</b>	<b>45,888</b>	<b>6,969</b>	<b>16,504</b>	<b>16,350</b>	<b>13,721</b>	<b>16,727</b>	<b>18,848</b>	<b>17,290</b>	<b>8,497</b>	<b>8,854</b>	<b>13,661</b>	<b>7,868</b>	<b>-</b>	<b>191,177</b>	
<b>TOTAL FINANCING SOURCES</b>	<b>45,888</b>	<b>6,969</b>	<b>16,504</b>	<b>16,350</b>	<b>13,721</b>	<b>16,727</b>	<b>18,848</b>	<b>17,290</b>	<b>8,497</b>	<b>8,854</b>	<b>13,661</b>	<b>7,868</b>	<b>-</b>	<b>191,177</b>	

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
10 Year Financing Sources by Project 2013 - 2022  
(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	24,740	2,470	-	-	22,270	-	-	-
39990	Traffic Control Signal & Electrical Improvements	7,500	750	-	-	6,750	-	-	-
80105	Pavement Marking Program	11,865	8,305	-	-	3,560	-	-	-
80108	Sign Inventory Management Program	285	285	-	-	-	-	-	-
80220	LED Replacement (Phase 1)	3,500	2,450	-	-	1,050	-	-	-
83490	Smart Commute Initiative	2,030	203	-	-	1,827	-	-	-
83830	Ontarians with Disabilities Act (ODA) Compliance	2,250	2,250	-	-	-	-	-	-
83920	Traffic Safety Program Improvements	1,000	700	-	-	300	-	-	-
83980	Security Equipment	1,340	1,340	-	-	-	-	-	-
84940	Pedestrian Cycling Program	5,000	500	-	-	4,500	-	-	-
86107	Intelligent Transportation Systems (ITS) Software Systems	8,610	-	-	-	-	8,610	-	-
86114	CAD/AVL System Replacement	12,800	-	12,800	-	-	-	-	-
86115	Automated Fare Collection System Replacement	8,300	-	8,300	-	-	-	-	-
86116	Presto Next Phase / Upgrades	24,600	-	-	-	-	24,600	-	-
86180	Computer Aided Dispatch/Automatic Vehicle Location System	4,300	4,300	-	-	-	-	-	-
99890	Intelligent Transportation Systems (ITS)	20,200	2,020	-	-	18,180	-	-	-
<b>Total Tax Supported</b>		<b>136,320</b>	<b>25,573</b>	<b>21,100</b>	<b>-</b>	<b>58,437</b>	<b>33,210</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
80220	LED Replacement (Phase 1)	-	700	2,000	-	-	-	-	-	2,000	2,700
86115	Automated Fare Collection System Replacement	-	-	300	-	-	-	-	-	300	300
	<b>Sub Total Rehabilitation/Replacement</b>	-	<b>700</b>	<b>2,300</b>	-	-	-	-	-	<b>2,300</b>	<b>3,000</b>
<b>Growth/Expansion</b>											
39950	Intersection Improvements Program	20,542	1,789	2,474	-	-	-	-	-	2,474	24,805
39990	Traffic Control Signal & Electrical Improvements	9,305	500	750	-	-	-	-	-	750	10,555
86116	Presto Next Phase / Upgrades	-	-	1,400	-	-	-	-	-	1,400	1,400
99890	Intelligent Transportation Systems (ITS)	2,807	1,450	2,200	-	-	-	-	-	2,200	6,457
	<b>Sub Total Growth/Expansion</b>	<b>32,654</b>	<b>3,739</b>	<b>6,824</b>	-	-	-	-	-	<b>6,824</b>	<b>43,217</b>
<b>Enhancement/Improvement</b>											
83980	Security Equipment	2,734	450	440	-	-	-	-	-	440	3,624
86107	Intelligent Transportation Systems (ITS) Software Systems	-	350	2,400	-	-	-	-	-	2,400	2,750
86180	Computer Aided Dispatch/Automatic Vehicle Location System	8,189	450	810	-	-	-	-	-	810	9,449
	<b>Sub Total Enhancement/Improvement</b>	<b>10,923</b>	<b>1,250</b>	<b>3,650</b>	-	-	-	-	-	<b>3,650</b>	<b>15,823</b>
	Total Tangible Capital Assets	43,577	5,689	12,774	-	-	-	-	-	12,774	62,040
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
80105	Pavement Marking Program	-	635	2,500	-	-	-	-	-	2,500	3,135
80108	Sign Inventory Management Program	-	15	150	-	-	-	-	-	150	165
83920	Traffic Safety Program Improvements	382	100	100	-	-	-	-	-	100	582
	<b>Sub Total Rehabilitation/Replacement</b>	<b>382</b>	<b>750</b>	<b>2,750</b>	-	-	-	-	-	<b>2,750</b>	<b>3,882</b>
<b>Growth/Expansion</b>											
83490	Smart Commute Initiative	1,250	280	230	-	-	-	-	-	230	1,760
83830	Ontarians with Disabilities Act (ODA) Compliance	679	250	250	-	-	-	-	-	250	1,179
84940	Pedestrian Cycling Program	-	-	500	-	-	-	-	-	500	500
	<b>Sub Total Growth/Expansion</b>	<b>1,929</b>	<b>530</b>	<b>980</b>	-	-	-	-	-	<b>980</b>	<b>3,439</b>
	Total Non-Tangible Capital Assets	2,311	1,280	3,730	-	-	-	-	-	3,730	7,321
	<b>TOTAL GROSS EXPENDITURES</b>	<b>45,888</b>	<b>6,969</b>	<b>16,504</b>	-	-	-	-	-	<b>16,504</b>	<b>69,361</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	12,041	2,814	5,485	-	-	-	-	-	5,485	20,340
Development Charges	18,322	2,060	6,919	-	-	-	-	-	6,919	27,301
Development Charges Committed	3,636	1,305	-	-	-	-	-	-	-	4,941
Developer Up-Front Financing	140	-	-	-	-	-	-	-	-	140
Reserve: Facilities Management	-	-	300	-	-	-	-	-	300	300
Reserve: General Capital	5,977	-	-	-	-	-	-	-	-	5,977
Reserve: Prior Year Tax Levy	2,444	440	-	-	-	-	-	-	-	2,884
<b>Sub Total Regional</b>	<b>42,560</b>	<b>6,619</b>	<b>12,704</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,704</b>	<b>61,883</b>
<b>External</b>										
Federal Funding	629	-	-	-	-	-	-	-	-	629
Reserve: Federal Gas Tax	1,098	350	3,800	-	-	-	-	-	3,800	5,248
Provincial Funding	21	-	-	-	-	-	-	-	-	21
Municipal/Local	457	-	-	-	-	-	-	-	-	457
Other Recoveries	1,123	-	-	-	-	-	-	-	-	1,123
<b>Sub Total External</b>	<b>3,328</b>	<b>350</b>	<b>3,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,800</b>	<b>7,478</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>45,888</b>	<b>6,969</b>	<b>16,504</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,504</b>	<b>69,361</b>
<b>TOTAL FINANCING SOURCES</b>	<b>45,888</b>	<b>6,969</b>	<b>16,504</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,504</b>	<b>69,361</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
2013 Capital Spending Authority Financing Sources by Project  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
39950	Intersection Improvements Program	2,474	247	-	-	2,227	-	-	-
39990	Traffic Control Signal & Electrical Improvements	750	75	-	-	675	-	-	-
80105	Pavement Marking Program	2,500	1,750	-	-	750	-	-	-
80108	Sign Inventory Management Program	150	150	-	-	-	-	-	-
80220	LED Replacement (Phase 1)	2,000	1,400	-	-	600	-	-	-
83490	Smart Commute Initiative	230	23	-	-	207	-	-	-
83830	Ontarians with Disabilities Act (ODA) Compliance	250	250	-	-	-	-	-	-
83920	Traffic Safety Program Improvements	100	70	-	-	30	-	-	-
83980	Security Equipment	440	440	-	-	-	-	-	-
84940	Pedestrian Cycling Program	500	50	-	-	450	-	-	-
86107	Intelligent Transportation Systems (ITS) Software Systems	2,400	-	-	-	-	2,400	-	-
86115	Automated Fare Collection System Replacement	300	-	300	-	-	-	-	-
86116	Presto Next Phase / Upgrades	1,400	-	-	-	-	1,400	-	-
86180	Computer Aided Dispatch/Automatic Vehicle Location System	810	810	-	-	-	-	-	-
99890	Intelligent Transportation Systems (ITS)	2,200	220	-	-	1,980	-	-	-
<b>Total Tax Supported</b>		<b>16,504</b>	<b>5,485</b>	<b>300</b>	<b>-</b>	<b>6,919</b>	<b>3,800</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management and Intelligent Transportation Systems  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
39950	Intersection Improvements Program	2,474	-	-	-	-	-	-	-	-	-	-	-	2,474
39990	Traffic Control Signal & Electrical Improvements	750	-	-	-	-	-	-	-	-	-	-	-	750
80105	Pavement Marking Program	2,500	-	-	-	-	-	-	-	-	-	-	-	2,500
80108	Sign Inventory Management Program	135	-	-	-	-	-	-	-	-	-	-	-	135
83490	Smart Commute Initiative	200	-	-	-	-	-	-	-	-	-	-	-	200
83830	Ontarians with Disabilities Act (ODA) Compliance	250	-	-	-	-	-	-	-	-	-	-	-	250
83920	Traffic Safety Program Improvements	100	-	-	-	-	-	-	-	-	-	-	-	100
83980	Security Equipment	100	-	-	-	-	-	-	-	-	-	-	-	100
84940	Pedestrian Cycling Program	500	-	-	-	-	-	-	-	-	-	-	-	500
86107	Intelligent Transportation Systems (ITS) Software Systems	1,589	-	-	-	-	-	-	-	-	-	-	-	1,589
86115	Automated Fare Collection System Replacement	550	-	-	-	-	-	-	-	-	-	-	-	550
86116	Presto Next Phase / Upgrades	4,800	-	-	-	-	-	-	-	-	-	-	-	4,800
86180	Computer Aided Dispatch/Automatic Vehicle Location System	402	-	-	-	-	-	-	-	-	-	-	-	402
99890	Intelligent Transportation Systems (ITS)	2,000	-	-	-	-	-	-	-	-	-	-	-	2,000
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>16,350</b>	-	-	-	-	-	-	-	-	-	-	-	<b>16,350</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
2013 Capital Spending Authority		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Incremental 2014 Capital Spending Authority</b>		<b>16,350</b>	-	-	-	-	-	-	-	-	-	-	-	<b>16,350</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>16,350</b>	-	-	-	-	-	-	-	-	-	-	-	<b>16,350</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management and Intelligent Transportation Systems  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	3,299	-	-	-	-	-	-	-	-	-	3,299
Development Charges	6,112	-	-	-	-	-	-	-	-	-	6,112
Reserve: Facilities Management	550	-	-	-	-	-	-	-	-	-	550
<b>Sub Total Regional</b>	<b>9,961</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,961</b>
<b>External</b>											
Reserve: Federal Gas Tax	6,389	-	-	-	-	-	-	-	-	-	6,389
<b>Sub Total External</b>	<b>6,389</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,389</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>16,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,350</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL FINANCING SOURCES</b>	<b>16,350</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,350</b>

**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
2014 Incremental Capital Spending Authority Financing Sources by Project  
(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
39950	Intersection Improvements Program	2,474	247	-	-	2,227	-	-	-
39990	Traffic Control Signal & Electrical Improvements	750	75	-	-	675	-	-	-
80105	Pavement Marking Program	2,500	1,750	-	-	750	-	-	-
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	100	100	-	-	-	-	-	-
84940	Pedestrian Cycling Program	500	50	-	-	450	-	-	-
86107	Intelligent Transportation Systems (ITS) Software Systems	1,589	-	-	-	-	1,589	-	-
86115	Automated Fare Collection System Replacement	550	-	550	-	-	-	-	-
86116	Presto Next Phase / Upgrades	4,800	-	-	-	-	4,800	-	-
86180	Computer Aided Dispatch/Automatic Vehicle Location System	402	402	-	-	-	-	-	-
99890	Intelligent Transportation Systems (ITS)	2,000	200	-	-	1,800	-	-	-
<b>Total Tax Supported</b>		<b>16,350</b>	<b>3,299</b>	<b>550</b>	<b>-</b>	<b>6,112</b>	<b>6,389</b>	<b>-</b>	<b>-</b>



**2013 Business Plan and Budget  
Transportation and Community Planning  
Traffic Management & Intelligent Transportation Systems  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
General Expenses	237	102	18	18	18	18	18	18	18	18
Professional Contracted Services	44	43	42	42	42	42	42	42	42	42
<b>Total Expenditures</b>	<b>281</b>	<b>145</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
<b>Total Net Impact on Tax Levy</b>	<b>281</b>	<b>145</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>

## Capital Strategy

In accordance with the York Region Sustainability Strategy, which promotes a balanced approach to better integrate economy, environment and community, the 2013 Water Capital Strategy builds on the success of previous capital strategies with an increased focus on delivering a financially sustainable infrastructure program. Capital projects have been prioritized to ensure that funding is employed in a sustainable manner to support managed growth, optimize community benefit and leverage capacity available in existing infrastructure. Through this prioritization process, the soundness of the capital works program is evaluated and confirmed to ensure that it follows the Sustainability Strategy balanced consideration of the economy, environment and community.

Along with infrastructure expansion, water conservation, groundwater protection and infrastructure management continue to be key elements in providing cost effective and sustainable water services over the long term.

## 10 Year Plan Overview

### **Implementing 35 Regional water projects over the next ten years at an estimated cost of approximately \$1.25 billion**

Building on the 2009 Water and Wastewater Master Plan Update and the 2013 capital prioritization exercise, the ten year plan continues to be driven by implementing Toronto and Peel cost shared works, capacity expansion of transmission, pumping and storage infrastructure of the York Water System and supporting other key initiatives, such as water conservation, groundwater protection and infrastructure management.

Highlights of the ten year water capital plan are:

- Funding requirements of approximately \$1.25 billion
- Over \$559 million (or 45% of the ten year plan) to increase water supply capacity through implementing cost shared projects with Peel and Toronto
- \$355 million (or 28% of the ten year plan) mainly to increase transmission, pumping and storage capacities in the York Water System
- \$228 million (18% of the ten year plan) for funding rehabilitation/replacement of aging infrastructure
- \$38 million (or 3% of the ten year plan) to develop and enhance water conservation programs
- Major water infrastructure to be constructed include: 51 km of trunk / transmission watermains, 9 storage facilities, 2 pumping stations, 1 groundwater well and various cost shared works in Toronto and Peel
- Over \$12 million (or 1% of the ten year plan) for completion and implementation of source protection plans

## **Advanced or completed approximately \$155 million of water works in 2012**

Major 2012 achievements include:

Completed construction of:

- PD6 Huntington Road watermain and Islington watermain which allows introduction of lake based supply to Kleinburg-Nashville community
- PD6 Markham Bypass / Major Mackenzie Drive watermain
- Kennedy Road watermain – Open cut contract
- Keswick and Nobleton elevated tanks
- Ballantrae Well No. 3
- Cost-shared works with City of Toronto and Peel totalling \$72 million

Commenced construction of:

- Queensville elevated tank No. 1
- Orchard Heights pumping station upgrades
- Richmond Hill Pugsley pumping station upgrades
- Kennedy Road watermain – Tunnel contract

Tendered:

- PD9 Bloomington – Bayview watermain
- Nobleton Water Supply
- Glenway Reservoir
- Elgin Mills Watermain

Completed environmental assessments for:

- Aurora East elevated tank
- Sutton water servicing

## **Key Initiatives**

A number of key initiatives have been identified as essential in carrying out the capital strategy.

## **Project Prioritization**

A new initiative in the 2013 capital works plan is developing a consistent, systematic and transparent approach to prioritize capital projects. Prioritization of capital projects will assist in delivering a sustainable infrastructure program that is financially sound, supportive of the Region's new and existing vibrant communities and the natural environment.

First priority will be given to projects that are committed:

- to address regulatory requirements
- through engineering and construction contracts
- through prepaid development charge credit agreements
- through inter-regional servicing agreements

Other projects are being ranked on seven main criteria:

- community building in support of Centres and Corridors initiative
- cost effectiveness
- alignment with asset management program
- environmental and compliance management
- operational considerations
- provision and enhancement of system reliability and redundancy
- enhancement of the natural environment

## **Implementation of the following Water projects and programs:**

### **Delivering \$559 million in cost shared capital works in partnership with Toronto and Peel**

Staged increase in Lake Ontario based water supply through service agreements with City of Toronto and Peel Region will continue to be the strategy to meet York Region's long term water supply needs. Over the next ten years, water supply from Peel is scheduled to increase gradually from 164 ML/day in 2012 to 272 ML/day in 2022. The Toronto supply to meet York's demand will be increased to 509 ML/day in 2022. Expenditures for the two programs total \$559 million or 45% of the ten year capital plan.

Expenditures for Toronto cost-shared capital works of the ten year plan total approximately \$250 million, primarily to implement the following works:

- Transmission expansion: Gerrard watermain, Mount Pleasant watermain, East Mall watermain, Horgan watermain to Ellesmere, watermain from Scarborough pumping station to St. Clair, Bathurst watermain, Victoria Park - Gerrard to Eglington watermain

Approximately \$309 million of the ten year plan is forecast to be spent to deliver cost shared works in Peel including:

- Transmission expansion: Lakeview to Hanlan and Hanlan to Beckett Sproule feeder mains
- Pumping stations: Hanlan pumping station Phase 3 expansion
- Storage: Airport Road reservoir expansion
- Treatment expansion: Lakeview and Lorne Park treatment plant expansion

### **Investing approximately \$355 million to increase the Regional system capacity to accommodate growth**

A total of \$355 million or 28% of the ten year plan has been allocated to regional system upgrades including:

- Expansion of York Water transmission system in tandem with staged increase in lake-based water supply from Peel and Toronto
- Expansion of pumping capacity in pressure districts 7, 8, Aurora West and West Vaughan
- Increase to transmission capacity in the York Water System
- Increase to water storage capacities in Aurora, Newmarket, Queensville, Vaughan and Stouffville
- Expansion of Sutton water system

## **Managing the longevity of existing infrastructure through the Asset Management Program**

One of Environmental Services' key strategic goals involves proactively managing and maintaining infrastructure to ensure short and long term reliability of water systems and compliance with all regulatory requirements. Accordingly, an Asset Management Program has been developed to manage the lifecycle of Environmental Services multi-billion dollar asset base and identify non-growth related projects for infrastructure rehabilitation and replacement. In essence, the program provides an objective method for evaluating infrastructure needs and optimization opportunities to ensure infrastructure reliability and continuity of water services.

A proactive Asset Management Program (\$228 million or 18% of the ten year plan) is planned to streamline the infrastructure planning and decision making process to ensure long-term sustainability of existing assets, positioning the Region as a leader in infrastructure management. Projects identified will improve soundness and reliability of the Region's water infrastructure, ensuring the provision of reliable and cost effective water service to York Region residents. Key projects include:

- Pumping station upgrades including Bayview standby power, Maple and Ridge Road rehabilitation works (\$28.5 million)
- Replacing of ductile iron watermains including the watermains on Bathurst Street, Islington Avenue and Hwy 48 (\$57.4 million)
- Storage facility upgrades, including internal and external coating of water towers (\$36.9 million)
- Upgrades to groundwater well facilities, including Yonge Street Aquifer Well replacement and Kleinburg wells (\$36.1 million)
- Surface water treatment plant upgrades, including rehabilitation works at the Keswick Water Treatment Plant (\$9.7 million)
- Asset management program development, including condition assessments of the growing asset base (\$17.6 million)

## **Implementing the Water Conservation and Efficiency Strategy to reduce per capita consumption**

In 2011 the Region completed a Long Term Water Conservation and Efficiency Strategy which builds on success of previous water efficiency plans and the Water for Tomorrow program. The Strategy provides comprehensive guidance for Regional water conservation and efficiency programming and a framework to reduce water demand per capita over the next 40 years. Key program components include: policies and Bylaws, financial incentives, pilot and demonstration projects, Regional municipal system marketing, outreach and education, etc. The Strategy will be updated every five years, with the first update scheduled for 2016. Recommendations from the update will determine future program deliverables under the key program components.

By 2013 all program components, both existing and new will be evaluated to determine expected water savings and program implementation costs. Updated programming will be phased in over the next 3 years. These changes will facilitate delivery of targeted water conservation programming by accelerating market transformation to sustainable water use technologies and practices in all sectors.

Over \$38 million or 3% of the ten year plan has been allocated for the implementation of water conservation and efficiency programs including:

- Water efficient fixture rebates for single and multi-family residences
- Water audits for high water use industrial customers including a buy-back incentive of \$0.30 per litre of water saved towards the cost of improved water processes
- Reduction of outdoor water use through water efficient gardening practices and enhanced education
- Education programs, including York Children's Water Festival, attendance at community events, promotional material, and website
- Programs to incent water sustainability in new developments
- Reduction of leakage and non-revenue water in coordination with local municipalities

### **Moving forward with Source Water Protection Plan implementation**

Following the Walkerton tragedy, the Province created the *Clean Water Act* in 2006 to set out a framework to protect drinking water at the source. Administered by Conservation Authorities, the Source Water Protection Committee, a group of appointed representatives from municipalities and key stakeholders are responsible for delivery of a plan to protect drinking water sources through mandatory and voluntary actions.

Since 2006, the Region has worked as an active member of the Source Water Protection Committees and working groups for the South Georgian Bay Lake Simcoe and Credit Valley, Toronto Region and Central Lake Ontario protection regions. Work already completed or underway involves:

- Assessment Reports summarizing vulnerable areas and threats to drinking water quality and quantity were approved by the Province in 2011
- Source Protection Plans which specify actions that prevent drinking water threats from becoming significant risks to drinking water were submitted to the Province for review and approval in late 2012
- Negotiation and enforcement of Risk Management Plans for Significant Drinking Water Threats
- Creation of a Risk Management Office to fulfil the Region's obligations under the *Clean Water Act*
- Completion of technical work to update the Assessment Report and Source Water Protection Plan as new Regional wells are commissioned

Over \$12 million or 1% of the ten year plan is forecast for completion and implementation of source protection plans including funds to purchase highly vulnerable property and stewardship dollars to subsidize mitigation actions taken by impacted landowners and business. Risk mitigation costs will begin in 2013, peak between 2014 and 2018 as a result of efforts to address existing significant drinking water threats as outlined under the Source Protection Plan, and then level off into a program maintenance period.

## New Projects Added to the 2013 Budget Process

Three new growth-related projects are included in the 2013 ten year plan totalling over \$10 million:

- East Woodbridge Elevated Tank decommissioning: Subject to the outcome of the environmental assessment study for West Vaughan water servicing, the existing PD5 elevated tank can be decommissioned as identified in the 2009 Master Plan Update. (\$0.3M)
- South Maple Pumping Station Upgrades: This project involves adding another PD8 pump to the pumping station to increase capacity. (\$0.7M)
- York Peel Feedermain Upgrades: As demand on the system increases, various upgrades to the existing York Peel feedermain system will be required to ensure optimal system performance. (\$9.6M)

Asset Management projects are expected to increase as the Region's infrastructure ages. Several high risk areas will be addressed over the ten year plan, including the re-lining of 9th Line & 16th Avenue sewers, upgrading multiple pumping stations, Sutton WPCP upgrades, replacement of ductile iron watermains, and relocating the Aurora sewage septage station.

## Long Term Outlook

### Expenditures

The 10 year capital plan totalling over \$1.25 billion shows higher expenditures in the first half of the program (\$852 million or 68% of the 10 year plan) as most of the major projects including Peel cost shared works and regional system expansion such as West Richmond Hill pumping station and transmission upgrades in York Water System are planned to be constructed in the next five years. The second half of the ten year program (\$400 million or 32% of the 10 year plan) has moderate expenditures mainly to complete Toronto cost shared projects and works to service parts of Vaughan, East Gwillimbury and regional centres and corridors.

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 its expected useful life, which demonstrates the significance of future expenditures needed for infrastructure upgrades. The rehabilitation and replacement cost of water infrastructure totals \$228 million of which \$135 million (or 59% of the 10 year plan) is projected in the first half of the ten year period.

## Capital Summary

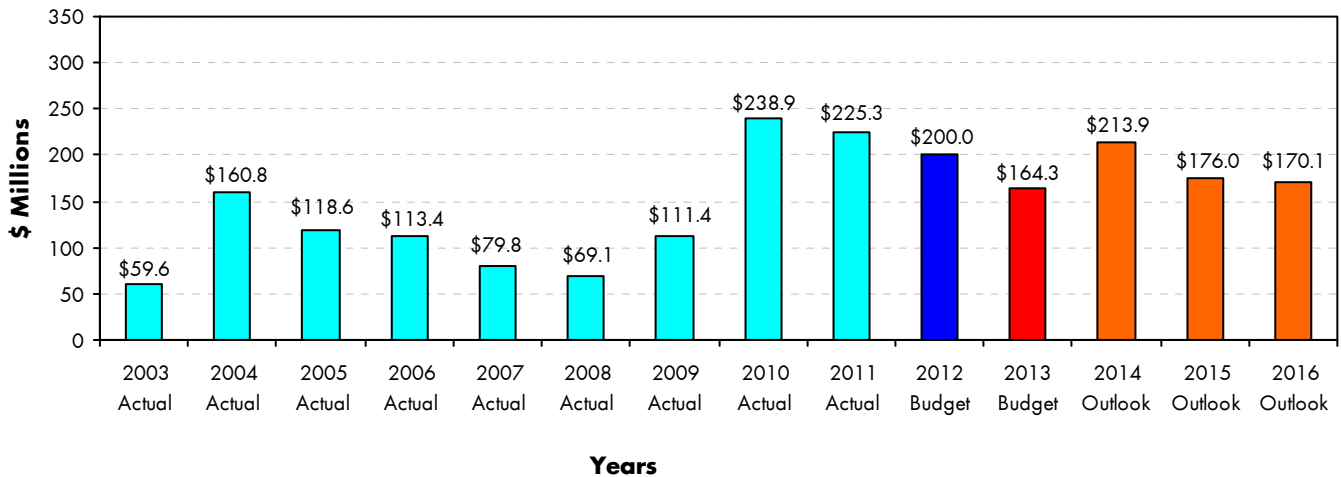
\$000's	2012 Budget	2013 Budget	2014 Outlook	2015 Outlook	2016-2022 Outlook	10Yr Plan 2013-2022 Outlook
<b>GROSS EXPENDITURES</b>						
<b>Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Elevated Tanks	2,509	2,427	3,612	2,278	14,100	22,417
Other Non-Capital Projects	1,150	4,785	9,075	7,818	15,456	37,134
Reservoirs	725	410	880	1,200	11,300	13,790
Water Meter Chambers	0	0	0	0	1,120	1,120
Water Pumping Station	6,107	4,701	3,754	3,688	16,385	28,528
Water Treatment Plants	1,701	2,284	5,666	9,423	28,293	45,666
Watermain	159	1,557	13,130	18,630	35,600	68,917
<b>Total Replacement/Rehabilitation</b>	<b>12,351</b>	<b>16,164</b>	<b>36,117</b>	<b>43,037</b>	<b>122,254</b>	<b>217,572</b>
<b>Growth / Expansion</b>						
Elevated Tanks	14,106	9,519	8,974	7,982	37,456	63,931
Other Capital Projects	250	100	800	0	0	900
Reservoirs	14,587	7,388	3,159	7,722	84,463	102,732
Water Meter Chambers	0	140	3,225	0	0	3,365
Third Party Capital	71,666	71,290	83,176	87,294	315,436	557,196
Water Pumping Station	11,611	7,568	33,114	10,001	736	51,419
Water Treatment Plants	614	563	0	0	0	563
Watermain	54,643	36,905	31,465	6,920	57,288	132,578
Wells	6,515	2,691	877	3	0	3,571
<b>Total Growth / Expansion</b>	<b>173,992</b>	<b>136,164</b>	<b>164,790</b>	<b>119,922</b>	<b>495,379</b>	<b>916,255</b>
<b>Improvements / Enhancement</b>						
Watermain	1,280	485	110	10	1,334	1,939
<b>Total Improvements / Enhancement</b>	<b>1,280</b>	<b>485</b>	<b>110</b>	<b>10</b>	<b>1,334</b>	<b>1,939</b>
<b>Total Tangible Capital Assets</b>	<b>187,623</b>	<b>152,813</b>	<b>201,017</b>	<b>162,969</b>	<b>618,967</b>	<b>1,135,766</b>
<b>Non - Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Other Non-Capital Projects	2,232	2,510	2,537	2,755	10,685	18,487
Water Treatment Plants	0	241	150	0	0	391
<b>Total Replacement/Rehabilitation</b>	<b>2,232</b>	<b>2,751</b>	<b>2,687</b>	<b>2,755</b>	<b>10,685</b>	<b>18,878</b>
<b>Growth / Expansion</b>						
Elevated Tanks	72	50	250	0	0	300
Ground Resource Protection	4,374	4,415	5,034	5,166	36,640	51,255
Other Non-Capital Projects	4,720	3,312	4,087	4,540	25,760	37,699
Planning/ Studies	410	270	503	482	1,624	2,879
Water Pumping Station	50	89	212	32	3,240	3,573
<b>Total Growth / Expansion</b>	<b>9,626</b>	<b>8,136</b>	<b>10,086</b>	<b>10,220</b>	<b>67,264</b>	<b>95,706</b>
<b>Improvements / Enhancement</b>						
Other Non-Capital Projects	550	588	105	12	527	1,232
<b>Total Improvements / Enhancement</b>	<b>550</b>	<b>588</b>	<b>105</b>	<b>12</b>	<b>527</b>	<b>1,232</b>
<b>Total Non - Tangible Capital Assets</b>	<b>12,408</b>	<b>11,475</b>	<b>12,878</b>	<b>12,987</b>	<b>78,476</b>	<b>115,816</b>
<b>Total Replacement/Rehabilitation</b>	<b>14,583</b>	<b>18,915</b>	<b>38,804</b>	<b>45,792</b>	<b>132,939</b>	<b>236,450</b>
<b>Total Growth / Expansion</b>	<b>183,618</b>	<b>144,300</b>	<b>174,876</b>	<b>130,142</b>	<b>562,643</b>	<b>1,011,961</b>
<b>Total Improvements / Enhancements</b>	<b>1,830</b>	<b>1,073</b>	<b>215</b>	<b>22</b>	<b>1,861</b>	<b>3,171</b>
<b>TOTAL GROSS EXPENDITURES</b>	<b>200,031</b>	<b>164,288</b>	<b>213,895</b>	<b>175,956</b>	<b>697,443</b>	<b>1,251,582</b>



\$000's	2012	2013	2014	2015	2016-2022	10Yr Plan
	Budget	Budget	Outlook	Outlook	Outlook	2013-2022
						Outlook
<b>FINANCING</b>						
W Contribution from Operating	(10,260)	(7,500)	(8,717)	(5,955)	(30,243)	(52,415)
Development Charge	(82)	(409)	(965)	(514)	(5,167)	(7,055)
Reserve: Capital Replacement	(10,777)	0	0	0	0	0
Debentures	(178,912)	(156,379)	(204,213)	(169,487)	(662,033)	(1,192,112)
<b>TOTAL FINANCING</b>	<b>(200,031)</b>	<b>(164,288)</b>	<b>(213,895)</b>	<b>(175,956)</b>	<b>(697,443)</b>	<b>(1,251,582)</b>
<b>TAX LEVY - RESERVE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

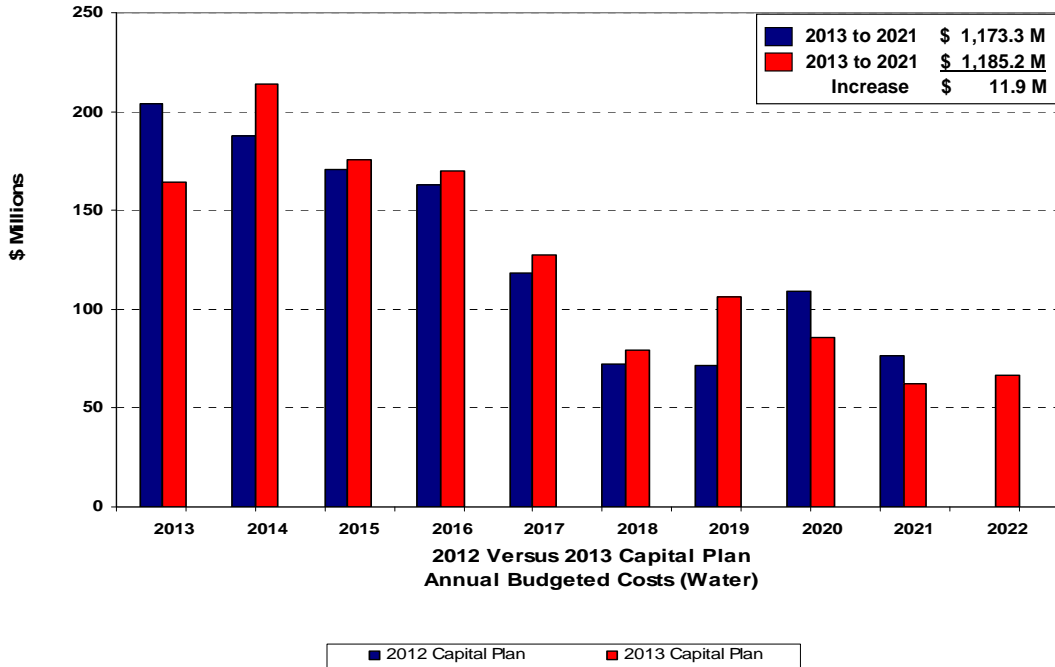
## Capital Program Cost History

### Water



## 2012 Plan vs. 2013 Plan

Projected expenditures for 2013 to 2021 have increased by \$11.9 million in the 2013 Capital Plan over the 2012 Capital Plan. Out of the \$1.2 billion 2013 to 2021 estimated program costs, \$536.6 million is 2013 Capital Spending Authority.



## Explanation of Changes from 2012 to 2013 Plan

Comparison of 2012 and 2013 plans above show an increase in forecast expenditures of \$11.9 million in the nine year period between 2013 and 2021. A number of projects have increased expenditures between 2013 and 2021 in the 2013 Capital Plan totalling \$169 million while there are other projects with decreased expenditures totalling \$158 million.

The main projects with increases are as follows.

- East Vaughan Water Servicing (75530) – increased by \$23.5 million. In addition to the PD7 Vaughan Reservoir and Watermain initially identified in the 2012 budget, this project now includes a PD8 Reservoir and connecting watermain (approximately \$20 million) to address servicing needs of north employment lands in Vaughan as identified in the 2009 Master Plan Update.
- Water General (78500) – increased by \$18.9 million. This infrastructure renewal program now includes an additional \$17 million allowance for emergency repairs.
- Richmond Hill Centre / Langstaff Gateway Water Servicing (75700) – increased by \$15 million. The total project costs have been revised to reflect estimated construction costs for the anticipated scope of work.
- PD7 Watermain from Enford to Bayview (76120) – increased by \$12.1 million to reflect current construction estimates and a deferral of expenditures from 2012
- Water Conservation Authority (CA) Joint Ground Water Initiative (72150) – increased by \$11.8 million to reflect revised costs

- Storage Elevated Tank Infrastructure Renewal Program (78514) – increased by \$11 million due to a combination of increases in estimated future rehabilitation and replacement works by \$4.9 million, identification of an Elevated Tank Management Project to be completed over the next three years (\$2.9M), tank repainting (\$2.3 million) and other works (\$0.9 million)
- Nashville Road Watermain from Huntington to Highway 27 (72520) – increased by \$9.6 million due to a combination of an increase in total project costs of \$8.1 million to reflect current construction estimates and a deferral of expenditures from 2012 of \$1.5 million
- West Richmond Hill Pump Station and Watermain (75400) – increased by \$8.5 million to reflect current construction estimates and a deferral of expenditures from 2012
- Pumping Water Infrastructure Renewal Program (78512) – increased by \$8.1 million due to a combination of a deferral of costs from 2012 of \$3.9 million, revised project estimates (\$2.1 million) and identification of two specific projects (Ridge Road Pumping Station / Bayview Pumping Station Back-up Power) of \$6.3 million
- Queensville Elevated Tank (71180) – increased by \$6.4 million to reflect a deferral of expenditures from prior years
- The remaining increases are spread over twenty-eight projects and range from \$2 thousand to \$6.1 million

The main projects with decreases are as follows:

- Peel Cost Shared Capital (73790) – decreased by \$16.9 million due completion of works in 2011 and 2012
- Decreased expenditures are spread over twenty-two projects that range from reductions of \$20 thousand to \$5.9 million

The following projects have been deferred beyond the ten year plan:

- Bloomington Road / Bayview Avenue Aurora Central Watermain (72560) - \$31.2 million
- Bathurst Watermain from Orchard Heights Pumping Station to Kirby Pumping Station (75430) – \$23 million
- Yonge to Woodspring Watermain (75440) – \$14.4 million
- Wellington Reservoir and Watermain (75590) – \$11.2 million
- Bathurst / Green Lane Watermain (75490) – \$10.6 million
- Holland Landing Elevated Tank Decommissioning (75500) – decreased by \$10 million. In the 2012 Budget this project included the cost for Queensville Elevated Tank # 3. This has been split into a separate project and both have been deferred beyond the ten year plan.
- Transmission Main Infrastructure Renewal Program (78519) – \$7.6 million

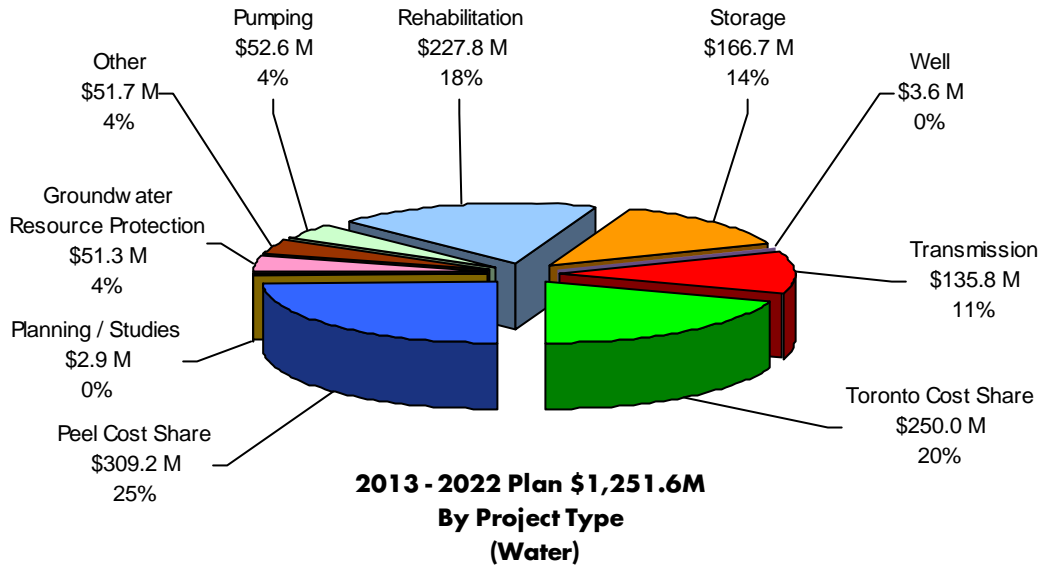
## Pressures of Net Operating Impact of New Capital Projects

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

Year	No. of new storage facilities	No. of new pumping stations	New wells	New watermains (km)	Additional Staff Required
2013	1	-	1		
2014	1	-	-	7.3	1
2015	-	1	-	13.6	1
2016	1	-	-	4.6	1
2017	1	1	-	4	1
2018	1	-	-	-	
2019	-	-	-	-	
2020	3	-	-	8.6	1
2021	1	-	-	6.2	
2022	-	-	-	6.2	
<b>Total</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>50.6</b>	<b>5</b>

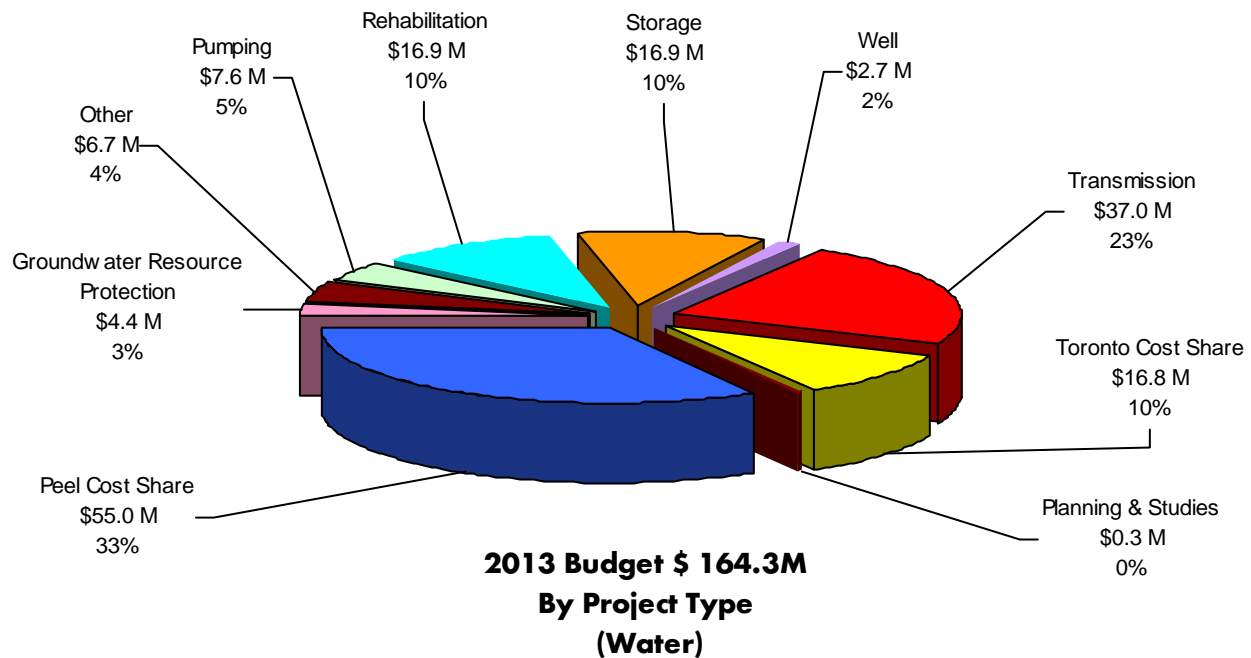
## Appendix

### 10 Year Capital Plan – Forecast Expenditures by Project Type



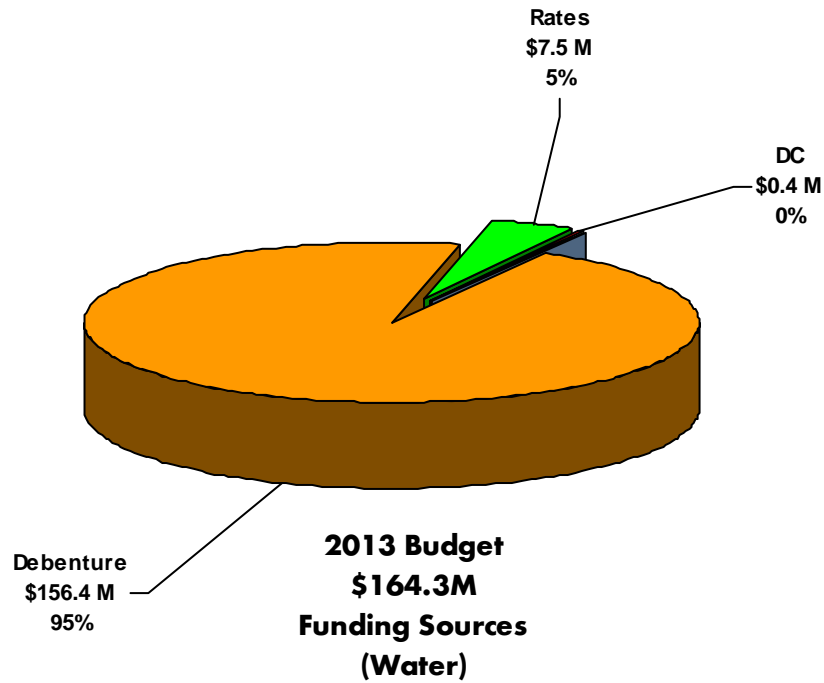
The ten year water plan totals \$1.25 billion, of which \$559 million or 45% is for Peel and Toronto cost shared projects. Another \$355 million or 28% of funding is required for infrastructure to increase regional system capacity, including construction of approximately 51 km of watermain, the new Richmond Hill pumping station and new storage facilities to service growth in pressure districts 5, 6 and 7 as well as Aurora, Newmarket and East Gwillimbury. Capital expenditures to rehabilitate or replace aging water infrastructure account for over \$228 million or 18% of the ten year plan.

## 2013 Budget – Forecast Expenditures by Project Type



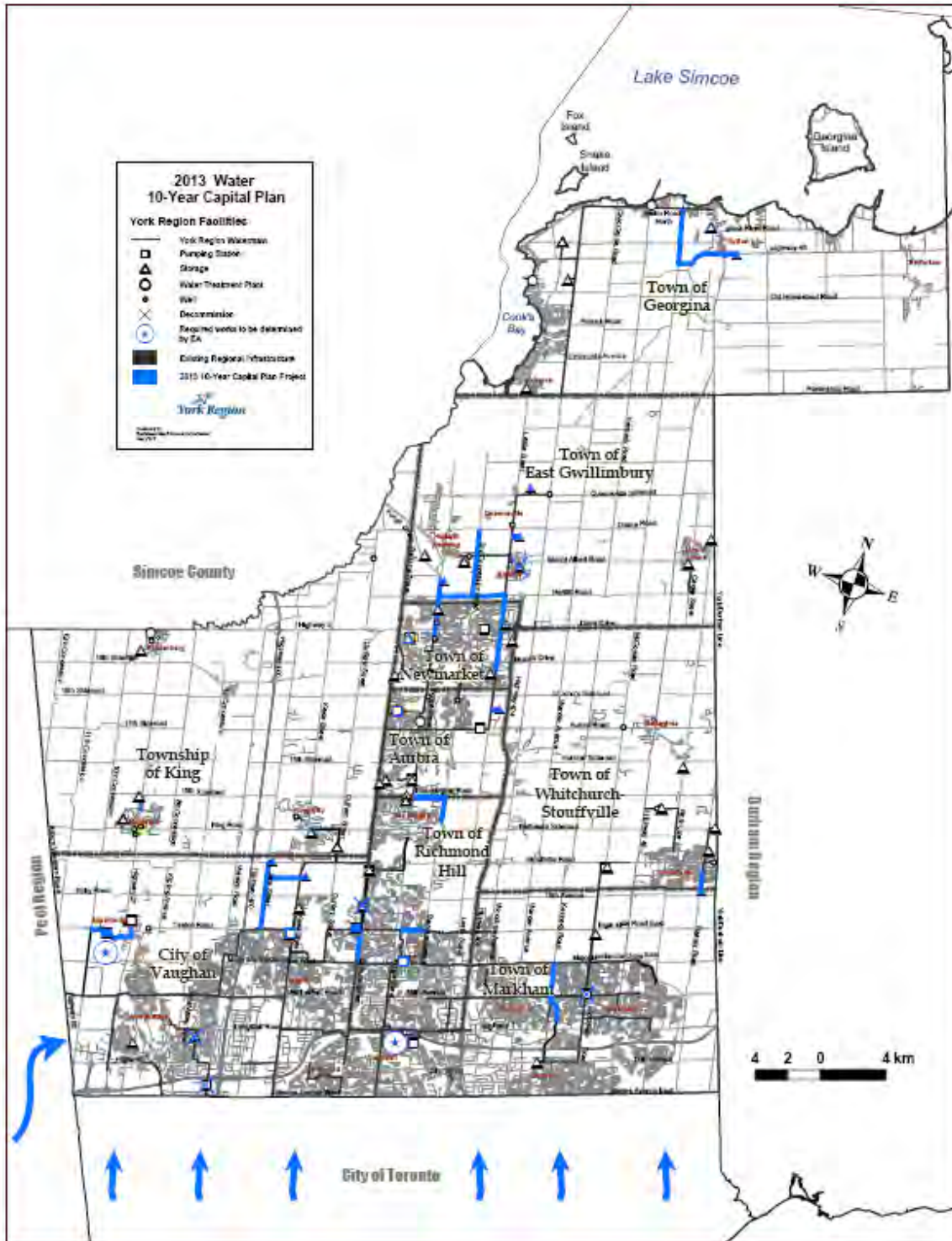
Water expenditures in 2013 total \$164 million of which 44% or over \$72 million are for Peel and Toronto cost-shared projects. New growth infrastructure works within York Region accounts for \$64 million or 39% of 2013 expenditures. Rehabilitation/replacement of aging water infrastructure accounts for \$17 million or 10% of the 2013 expenditures.

## 2013 Budget – Sources of Funding



The 2013 water capital expenditures of \$164 million (or 13% of the ten year plan) will be primarily funded from debentures (\$156 million or 95%) and rates (\$8 million or 5%).

## Capital Project Map





**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
78500	Water General	585	445	2,735	5,372	5,425	5,400	-	-	-	-	-	-	-	19,962
78510	Surface Water Treatment	234	200	300	2,000	5,150	2,230	-	-	-	-	-	-	-	10,114
78511	Ground Water Treatment	833	1,735	1,984	3,666	4,273	4,028	1,590	4,623	6,902	4,470	200	4,250	-	38,554
78512	Pumping Water	994	2,105	4,701	3,754	3,688	1,900	600	1,000	3,340	4,085	2,720	2,740	-	31,627
78513	Storage at Grade	-	-	-	-	-	-	-	200	700	900	-	1,420	-	3,220
78514	Storage Elevated Tank	73	100	2,427	3,612	2,278	2,000	2,900	3,600	3,200	900	900	600	-	22,590
78516	Storage Reservoir	320	405	410	880	1,200	2,000	300	1,700	1,800	1,200	800	3,500	-	14,515
78517	Meter Chamber Water	51	-	-	-	-	145	145	180	75	140	365	70	-	1,171
78518	Control Valve Chamber - Water	-	-	-	-	-	50	-	-	-	-	135	-	-	185
78519	Transmission Main	14,758	7,148	1,557	13,130	18,630	6,500	-	500	2,250	3,250	12,100	11,000	-	90,823
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	-	49	660	2,150	1,493	1,887	635	229	-	-	-	-	-	7,103
78563	Technology Integration Water	21	400	360	400	400	400	200	200	100	100	100	100	-	2,781
78564	Technology Development & Implementation Water	319	450	1,615	1,200	500	500	400	400	500	300	300	300	-	6,784
	<b>Sub Total Rehabilitation/Replacement</b>	<b>18,188</b>	<b>13,037</b>	<b>16,749</b>	<b>36,164</b>	<b>43,037</b>	<b>27,040</b>	<b>6,770</b>	<b>12,632</b>	<b>18,867</b>	<b>15,345</b>	<b>17,620</b>	<b>23,980</b>	-	<b>249,429</b>
<b>Growth/Expansion</b>															
70050	Leslie St. Watermain (WM)	11,490	1,111	300	1,865	172	-	-	-	-	174	6,403	-	-	21,515
70120	Orchard Heights PS Upgrade	959	450	2,000	1,200	-	-	-	-	-	-	-	-	-	4,609
71180	Queensville Elevated Tank No. 1	710	1,555	5,321	1,685	-	-	-	-	-	-	-	-	-	9,271
71250	Queensville Tank No. 2	-	-	-	-	-	130	405	2,805	2,800	2,100	-	-	-	8,240
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	363	219	198	719	7,982	7,982	-	-	-	-	-	-	-	17,463
72450	Aurora Elevated Tank (related to project 70050)	154	285	4,000	6,570	-	-	-	-	-	-	-	-	-	11,009
72490	East Gwillimbury Water Meter Chambers	18	-	140	3,225	-	-	-	-	-	-	-	-	-	3,383
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	9,621	896	564	-	-	-	-	-	-	-	-	-	-	11,081
72520	PD6 Nashville Road Watermain-Huntington to the Kleinburg Elevated Tank	20	2,000	4,067	8,968	-	-	-	-	-	-	-	-	-	15,055
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	3,468	1,545	2,691	877	3	-	-	-	-	-	-	-	-	8,584

**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
73580	Toronto Cost Shared Work - 2005 Water Supply Agreement	152,168	16,976	16,290	21,176	25,294	30,078	30,608	30,838	26,995	25,327	21,700	19,733	42,110	459,293
73790	Peel Water Supply - Cost-Shared Work	357,028	55,000	55,000	62,000	63,500	52,500	8,000	8,000	5,972	185	-	-	4,000	725,185
74210	PD6 Markham Bypass	9,830	4,247	274	-	-	-	-	-	-	-	-	-	-	14,351
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	14,423	23,237	22,826	9,830	-	-	-	-	-	-	-	-	-	70,316
75390	West Vaughan Water Servicing	29	13	455	612	7,560	24,738	16,646	-	-	-	-	-	-	50,053
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	534	769	452	30,274	10,000	-	-	-	-	-	-	-	-	42,029
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	691	135	116	9	1	-	-	-	-	-	-	-	-	952
75450	Glenway Reservoir Expansion	273	434	3,983	1,012	10	-	-	-	-	-	-	-	-	5,712
75460	Yonge Street Watermain from Gladman to Green Lane	32	-	20	248	648	4,200	6,300	3,100	1,688	-	-	-	-	16,236
75480	Newmarket West Yonge Elevated Tank, (ET) and Yonge Watermain (WM)	123	313	-	-	-	400	662	8,278	3,598	-	-	-	-	13,374
75510	Second Concession Watermain	4	139	29	3,984	1,892	-	-	-	-	-	-	-	-	6,048
75520	Stouffville Zone 2 Elevated Tank (ET) and Watermain	-	-	-	-	-	230	360	772	5,834	1,100	-	-	-	8,296
75530	PD7 Vaughan Watermain and Reservoir	-	-	21	728	152	735	2,059	7,619	19,915	12,302	-	-	-	43,531
75590	Wellington Reservoir and Watermain	4	-	-	-	-	-	-	-	-	-	-	449	10,774	11,227
75600	Green Lane/ Leslie Street Newmarket Central (NC) Watermain	-	-	-	-	-	-	400	250	250	250	4,360	5,980	-	11,240
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	384	600	5,000	1,631	-	-	-	-	-	-	-	-	-	7,615
75680	PD 7 Water System Upgrades	-	-	-	-	-	-	-	-	-	-	-	701	34,506	35,207
75690	South Maple PS Upgrade	-	-	-	-	-	-	-	-	-	221	515	-	-	736
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	-	36	40	355	-	-	187	1,217	8,498	8,498	-	-	-	18,831
75710	York Peel Feedermain Upgrade	-	-	-	352	4,208	-	-	-	-	-	-	5,082	11,858	21,500
75790	380 Bayview OMM Expansion	-	-	100	800	-	-	-	-	-	-	-	-	-	900
76120	PD7 Elgin Mills (Enford to Bayview)	539	190	9,349	5,863	-	-	-	-	-	-	-	-	-	15,941
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandonf, Bloomington, Bayview Watermain (WM)	10,188	2,781	2,929	807	-	-	-	-	-	-	-	-	-	16,705
<b>Sub Total Growth/Expansion</b>		<b>573,053</b>	<b>112,931</b>	<b>136,165</b>	<b>164,790</b>	<b>119,922</b>	<b>131,363</b>	<b>109,335</b>	<b>55,001</b>	<b>75,168</b>	<b>58,489</b>	<b>34,078</b>	<b>31,945</b>	<b>103,248</b>	<b>1,705,488</b>
<b>Enhancement/Improvement</b>															

**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
73610	Transmission Operations Optimizer	2,067	383	485	110	10	110	360	10	110	360	384	-	-	4,389
<b>Sub Total Enhancement/Improvement</b>		<b>2,067</b>	<b>383</b>	<b>485</b>	<b>110</b>	<b>10</b>	<b>110</b>	<b>360</b>	<b>10</b>	<b>110</b>	<b>360</b>	<b>384</b>	-	-	<b>4,389</b>
Total Tangible Capital Assets		593,308	126,351	153,399	201,064	162,969	158,513	116,465	67,643	94,145	74,194	52,082	103,248	1,959,306	
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
75670	East Woodbridge ET Decommissioning	-	-	-	-	-	-	-	98	205	-	-	-	-	303
78511	Ground Water Treatment	-	-	240	150	-	-	-	-	-	-	-	-	-	390
78581	Water Asset Management	-	1,642	1,925	2,490	2,755	2,075	1,105	1,000	927	1,325	1,870	2,080	-	19,194
<b>Sub Total Rehabilitation/Replacement</b>		<b>-</b>	<b>1,642</b>	<b>2,165</b>	<b>2,640</b>	<b>2,755</b>	<b>2,075</b>	<b>1,105</b>	<b>1,098</b>	<b>1,132</b>	<b>1,325</b>	<b>1,870</b>	<b>2,080</b>	-	<b>19,887</b>
<b>Growth/Expansion</b>															
71260	Decommission Sharon Elevated Tank	250	10	50	250	-	-	-	-	-	-	-	-	-	560
72150	Water Conservation Authority (CA) Joint Initiatives	12,282	2,289	3,415	3,534	3,666	3,785	3,861	3,938	4,017	4,097	4,179	4,263	-	53,326
72390	Water for Tomorrow Program	10,152	4,310	3,312	4,087	4,540	4,080	4,080	4,080	4,080	3,380	3,030	3,030	-	52,161
72440	Aurora/Newmarket Water Supply System Study	-	21	158	21	-	-	-	-	-	-	-	-	-	200
73300	Water Master Plan Update	794	-	50	400	400	100	-	50	400	400	100	-	-	2,694
73890	Source Water Protection	3,814	894	1,000	1,500	1,500	1,500	1,500	1,500	1,000	1,000	1,000	1,000	-	17,208
74220	Decommission Markham Pumping Station (PS)	47	36	89	212	32	-	-	-	900	900	-	-	-	2,216
75410	Decommission North Richmond Hill (RH) Pumping Station (PS)	-	-	-	-	-	-	140	540	460	-	-	-	-	1,140
77420	Decommission East Woodbridge Pumping Station (PS)	-	-	-	-	-	-	30	270	-	-	-	-	-	300
79670	Water System Capacity Assessment	10,117	56	62	82	82	82	82	82	82	82	82	82	-	10,973
<b>Sub Total Growth/Expansion</b>		<b>37,456</b>	<b>7,616</b>	<b>8,136</b>	<b>10,086</b>	<b>10,220</b>	<b>9,547</b>	<b>9,693</b>	<b>10,460</b>	<b>10,939</b>	<b>9,859</b>	<b>8,391</b>	<b>8,375</b>	-	<b>140,778</b>
<b>Enhancement/Improvement</b>															
73920	Capital Delivery Process Improvements - Water	1,324	301	195	-	-	-	-	-	-	-	-	-	-	1,820
75540	Water Model Calibration	9	224	393	105	12	-	-	410	105	12	-	-	-	1,270
<b>Sub Total Enhancement/Improvement</b>		<b>1,333</b>	<b>525</b>	<b>588</b>	<b>105</b>	<b>12</b>	-	-	<b>410</b>	<b>105</b>	<b>12</b>	-	-	-	<b>3,090</b>
Total Non-Tangible Capital Assets		38,789	9,783	10,889	12,831	12,987	11,622	10,798	11,968	12,176	11,196	10,261	10,455	-	163,755
<b>TOTAL GROSS EXPENDITURES</b>		<b>632,097</b>	<b>136,134</b>	<b>164,288</b>	<b>213,895</b>	<b>175,956</b>	<b>170,135</b>	<b>127,263</b>	<b>79,611</b>	<b>106,321</b>	<b>85,390</b>	<b>62,343</b>	<b>66,380</b>	<b>103,248</b>	<b>2,123,061</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
	(In \$000's)													
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Development Charges	32,379	198	409	965	514	182	252	1,040	2,047	1,382	182	82	-	39,632
Development Charges Committed	30,937	-	-	-	-	-	-	-	-	-	-	-	-	30,937
Reserve: Capital Replacement	10,775	5,447	-	-	-	-	-	-	-	-	-	-	-	16,222
Committed Non Growth User Rate	7,193	-	-	-	-	-	-	-	-	-	-	-	-	7,193
Contribution from Operating	20,809	6,283	7,500	8,717	5,955	5,085	4,965	5,620	4,942	2,997	3,554	3,080	-	79,507
<b>Sub Total Regional</b>	<b>102,093</b>	<b>11,928</b>	<b>7,909</b>	<b>9,682</b>	<b>6,469</b>	<b>5,267</b>	<b>5,217</b>	<b>6,660</b>	<b>6,989</b>	<b>4,379</b>	<b>3,736</b>	<b>3,162</b>	-	<b>173,491</b>
<b>External</b>														
Federal Funding	2,161	-	-	-	-	-	-	-	-	-	-	-	-	2,161
Grants & Subsidies	101	-	-	-	-	-	-	-	-	-	-	-	-	101
Provincial Funding	3,685	-	-	-	-	-	-	-	-	-	-	-	-	3,685
Municipal/Local	5	-	-	-	-	-	-	-	-	-	-	-	-	5
Other Recoveries	1,202	-	-	-	-	-	-	-	-	-	-	-	-	1,202
<b>Sub Total External</b>	<b>7,154</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>7,154</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>109,247</b>	<b>11,928</b>	<b>7,909</b>	<b>9,682</b>	<b>6,469</b>	<b>5,267</b>	<b>5,217</b>	<b>6,660</b>	<b>6,989</b>	<b>4,379</b>	<b>3,736</b>	<b>3,162</b>	-	<b>180,645</b>
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>522,850</b>	<b>124,206</b>	<b>156,379</b>	<b>204,213</b>	<b>169,487</b>	<b>164,868</b>	<b>122,046</b>	<b>72,951</b>	<b>99,332</b>	<b>81,011</b>	<b>58,607</b>	<b>63,218</b>	<b>103,248</b>	<b>1,942,416</b>
<b>TOTAL FINANCING SOURCES</b>	<b>632,097</b>	<b>136,134</b>	<b>164,288</b>	<b>213,895</b>	<b>175,956</b>	<b>170,135</b>	<b>127,263</b>	<b>79,611</b>	<b>106,321</b>	<b>85,390</b>	<b>62,343</b>	<b>66,380</b>	<b>103,248</b>	<b>2,123,061</b>
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debt Proceeds	522,850	-	-	-	-	-	-	-	-	-	-	-	-	522,850
Debt Proceeds DC	-	117,166	139,377	168,077	124,462	135,443	113,415	59,081	79,248	61,869	37,108	34,975	103,248	1,173,469
Debt Proceeds User Rate	-	7,040	17,002	36,136	45,025	29,425	8,631	13,870	20,084	19,142	21,499	28,243	-	246,097
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>522,850</b>	<b>124,206</b>	<b>156,379</b>	<b>204,213</b>	<b>169,487</b>	<b>164,868</b>	<b>122,046</b>	<b>72,951</b>	<b>99,332</b>	<b>81,011</b>	<b>58,607</b>	<b>63,218</b>	<b>103,248</b>	<b>1,942,416</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Financing Sources by Project 2013 - 2022  
(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)	8,914	-	-	8,914	-	-	-	-
70120	Orchard Heights PS Upgrade	3,200	-	-	3,200	-	-	-	-
71180	Queensville Elevated Tank No. 1	7,006	-	-	7,006	-	-	-	-
71250	Queensville Tank No. 2	8,240	-	-	8,240	-	-	-	-
71260	Decommission Sharon Elevated Tank	300	-	-	-	300	-	-	-
72150	Water Conservation Authority (CA) Joint Initiatives	38,755	-	-	38,755	-	-	-	-
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	16,881	-	-	16,881	-	-	-	-
72390	Water for Tomorrow Program	37,699	-	-	37,699	-	-	-	-
72440	Aurora/Newmarket Water Supply System Study	179	-	-	-	179	-	-	-
72450	Aurora Elevated Tank (related to project 70050)	10,570	-	-	10,570	-	-	-	-
72490	East Gwillimbury Water Meter Chambers	3,365	-	-	3,365	-	-	-	-
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	564	-	-	564	-	-	-	-
72520	PD6 Nashville Road Watermain- Huntington to the Kleinburg Elevated Tank	13,035	-	-	13,035	-	-	-	-
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	3,571	-	-	3,571	-	-	-	-
73300	Water Master Plan Update	1,900	-	-	-	1,900	-	-	-
73580	Toronto Cost Shared Work - 2005 Water Supply Agreement	248,039	-	-	248,039	-	-	-	-
73610	Transmission Operations Optimizer	1,939	-	-	-	-	-	1,939	-
73790	Peel Water Supply - Cost-Shared Work	309,157	-	-	309,157	-	-	-	-
73890	Source Water Protection	12,500	-	-	12,500	-	-	-	-
73920	Capital Delivery Process Improvements - Water	195	-	-	-	-	-	195	-
74210	PD6 Markham Bypass	274	-	-	274	-	-	-	-
74220	Decommission Markham Pumping Station (PS)	2,133	-	-	-	2,133	-	-	-
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	32,656	-	-	32,656	-	-	-	-
75390	West Vaughan Water Servicing	50,011	-	-	50,011	-	-	-	-
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	40,726	-	-	40,726	-	-	-	-
75410	Decommission North Richmond Hill (RH) Pumping Station (PS)	1,140	-	-	-	1,140	-	-	-
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	126	-	-	126	-	-	-	-
75450	Glenway Reservoir Expansion	5,005	-	-	5,005	-	-	-	-

**2013 Business Plan and Budget  
Environmental Services  
Water  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
75460	Yonge Street Watermain from Gladman to Green Lane	16,204	-	-	16,204	-	-	-	-
75480	Newmarket West Yonge Elevated Tank, (ET) and Yonge Watermain (WM)	12,938	-	-	12,938	-	-	-	-
75510	Second Concession Watermain	5,905	-	-	5,905	-	-	-	-
75520	Stouffville Zone 2 Elevated Tank (ET) and Watermain	8,296	-	-	8,296	-	-	-	-
75530	PD7 Vaughan Watermain and Reservoir	43,531	-	-	43,531	-	-	-	-
75540	Water Model Calibration	1,037	-	-	-	-	-	1,037	-
75590	Wellington Reservoir and Watermain	449	-	-	449	-	-	-	-
75600	Green Lane/ Leslie Street Newmarket Central (NC) Watermain	11,240	-	-	11,240	-	-	-	-
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	6,631	-	-	6,631	-	-	-	-
75670	East Woodbridge ET Decommissioning	303	-	-	-	303	-	-	-
75680	PD 7 Water System Upgrades	701	-	-	701	-	-	-	-
75690	South Maple PS Upgrade	736	-	-	736	-	-	-	-
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	18,795	-	-	18,795	-	-	-	-
75710	York Peel Feedermain Upgrade	9,642	-	-	9,642	-	-	-	-
75790	380 Bayview OMM Expansion	900	-	-	-	-	-	900	-
76120	PD7 Elgin Mills (Enford to Bayview)	15,212	-	-	15,212	-	-	-	-
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (WM)	3,736	-	-	3,736	-	-	-	-
77420	Decommission East Woodbridge Pumping Station (PS)	300	-	-	-	300	-	-	-
78500	Water General	18,932	-	-	18,932	-	-	-	-
78510	Surface Water Treatment	9,680	-	-	9,680	-	-	-	-
78511	Ground Water Treatment	36,376	-	-	36,376	-	-	-	-
78512	Pumping Water	28,528	-	-	28,528	-	-	-	-
78513	Storage at Grade	3,220	-	-	3,220	-	-	-	-
78514	Storage Elevated Tank	22,417	-	-	-	-	-	22,417	-
78516	Storage Reservoir	13,790	-	-	13,790	-	-	-	-
78517	Meter Chamber Water	1,120	-	-	1,120	-	-	-	-
78518	Control Valve Chamber - Water	185	-	-	185	-	-	-	-
78519	Transmission Main	68,917	-	-	68,917	-	-	-	-

**2013 Business Plan and Budget**  
**Environmental Services**  
**Water**  
**10 Year Financing Sources by Project 2013 - 2022**  
**(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debt Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	7,054	-	-	7,054	-	-	-	-
78563	Technology Integration Water	2,360	-	-	-	-	-	2,360	-
78564	Technology Development & Implementation Water	6,015	-	-	-	-	-	6,015	-
78581	Water Asset Management	17,552	-	-	-	-	-	17,552	-
79670	Water System Capacity Assessment	800	-	-	-	800	-	-	-
<b>Total Rate Supported</b>		<b>1,251,582</b>	<b>-</b>	<b>-</b>	<b>1,192,112</b>	<b>7,055</b>	<b>-</b>	<b>52,415</b>	<b>-</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
78500	Water General	585	445	2,735	5,372	325	300	-	-	8,732	9,762
78510	Surface Water Treatment	234	200	300	2,000	150	-	-	-	2,450	2,884
78511	Ground Water Treatment	833	1,735	1,984	3,166	523	328	80	5	6,086	8,654
78512	Pumping Water	994	2,105	4,701	1,704	403	200	-	-	7,008	10,107
78514	Storage Elevated Tank	73	100	2,427	2,412	1,078	-	-	-	5,917	6,090
78516	Storage Reservoir	320	405	410	580	-	-	-	-	990	1,715
78517	Meter Chamber Water	51	-	-	-	-	-	-	-	-	51
78519	Transmission Main	14,758	7,148	1,557	9,630	2,730	-	-	-	13,917	35,823
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	-	49	660	2,150	959	-	-	-	3,769	3,818
78563	Technology Integration Water	21	400	360	-	-	-	-	-	360	781
78564	Technology Development & Implementation Water	319	450	1,615	-	-	-	-	-	1,615	2,384
<b>Sub Total Rehabilitation/Replacement</b>		<b>18,188</b>	<b>13,037</b>	<b>16,749</b>	<b>27,014</b>	<b>6,168</b>	<b>828</b>	<b>80</b>	<b>5</b>	<b>50,844</b>	<b>82,069</b>
<b>Growth/Expansion</b>											
70050	Leslie St. Watermain (WM)	11,490	1,111	300	1,865	172	-	-	-	2,337	14,938
70120	Orchard Heights PS Upgrade	959	450	2,000	1,200	-	-	-	-	3,200	4,609
71180	Queensville Elevated Tank No. 1	710	1,555	5,321	1,685	-	-	-	-	7,006	9,271
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	363	219	198	719	282	282	-	-	1,481	2,063
72450	Aurora Elevated Tank (related to project 70050)	154	285	4,000	6,570	-	-	-	-	10,570	11,009
72490	East Gwillimbury Water Meter Chambers	18	-	140	200	-	-	-	-	340	358
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	9,621	896	564	-	-	-	-	-	564	11,081
72520	PD6 Nashville Road Watermain-Huntington to the Kleinburg Elevated Tank	20	2,000	4,067	8,988	-	-	-	-	13,035	15,055
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	3,468	1,545	2,691	877	3	-	-	-	3,571	8,584
73580	Toronto Cost Shared Work - 2005 Water Supply Agreement	152,168	16,976	16,290	21,176	21,734	17,778	3,519	8,883	89,380	258,524
73790	Peel Water Supply - Cost-Shared Work	357,028	55,000	55,000	62,000	62,000	41,473	-	-	220,473	632,501
74210	PD6 Markham Bypass	9,830	4,247	274	-	-	-	-	-	274	14,351
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	14,423	23,237	22,826	9,830	-	-	-	-	32,656	70,316
75390	West Vaughan Water Servicing	29	13	455	612	2,360	1,060	780	-	5,267	5,309



**2013 Business Plan and Budget  
Environmental Services  
Water  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete	Total Capital Spending Authority	Estimated Total Project Cost
(In \$000's)											
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	534	769	452	30,274	10,000	-	-	-	40,726	42,029
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	691	135	116	9	1	-	-	-	126	952
75450	Glenway Reservoir Expansion	273	434	3,983	1,012	10	-	-	-	5,005	5,712
75460	Yonge Street Watermain from Gladman to Green Lane	32	-	20	248	648	200	300	358	1,774	1,806
75480	Newmarket West Yonge Elevated Tank, (ET) and Yonge Watermain (WM)	123	313	-	-	-	-	-	-	-	436
75510	Second Concession Watermain	4	139	29	3,984	1,892	-	-	-	5,905	6,048
75530	PD7 Vaughan Watermain and Reservoir	-	-	21	728	152	735	365	-	2,001	2,001
75590	Wellington Reservoir and Watermain	4	-	-	-	-	-	-	-	-	4
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	384	600	5,000	1,631	-	-	-	-	6,631	7,615
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	-	36	40	355	-	-	-	-	395	431
75790	380 Bayview OMM Expansion	-	-	100	800	-	-	-	-	900	900
76120	PD7 Elgin Mills (Enford to Bayview)	539	190	9,349	5,863	-	-	-	-	15,212	15,941
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (WM)	10,188	2,781	2,929	807	-	-	-	-	3,736	16,705
<b>Sub Total Growth/Expansion</b>		<b>573,053</b>	<b>112,931</b>	<b>136,165</b>	<b>161,413</b>	<b>99,254</b>	<b>61,528</b>	<b>4,964</b>	<b>9,241</b>	<b>472,565</b>	<b>1,158,549</b>
<b>Enhancement/Improvement</b>											
73610	Transmission Operations Optimizer	2,067	383	485	110	-	-	-	-	595	3,045
<b>Sub Total Enhancement/Improvement</b>		<b>2,067</b>	<b>383</b>	<b>485</b>	<b>110</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>595</b>	<b>3,045</b>
<b>Total Tangible Capital Assets</b>											
593,308 1126,351 153,399 188,537 105,422 62,356 5,044 9,246 524,004 1,243,663											
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
78511	Ground Water Treatment	-	-	240	150	-	-	-	-	390	390
78581	Water Asset Management	-	1,642	1,925	-	-	-	-	-	1,925	3,567
<b>Sub Total Rehabilitation/Replacement</b>		<b>-</b>	<b>1,642</b>	<b>2,165</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,315</b>	<b>3,957</b>
<b>Growth/Expansion</b>											
71260	Decommission Sharon Elevated Tank	250	10	50	250	-	-	-	-	300	560
72150	Water Conservation Authority (CA) Joint Initiatives	12,282	2,289	3,415	-	-	-	-	-	3,415	17,986
72390	Water for Tomorrow Program	10,152	4,310	3,312	-	-	-	-	-	3,312	17,774
72440	Aurora/Newmarket Water Supply System Study	-	21	158	21	-	-	-	-	179	200
73300	Water Master Plan Update	794	-	50	400	400	100	-	-	950	1,744

**2013 Business Plan and Budget  
Environmental Services  
Water  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete	Total Capital Spending Authority	Estimated Total Project Cost
73890	Source Water Protection	3,814	894	1,000	-	-	-	-	-	1,000	5,708
74220	Decommission Markham Pumping Station (PS)	47	36	89	212	32	-	-	-	333	416
79670	Water System Capacity Assessment	10,117	56	62	-	-	-	-	-	62	10,235
<b>Sub Total Growth/Expansion</b>		<b>37,456</b>	<b>7,616</b>	<b>8,136</b>	<b>883</b>	<b>432</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>9,551</b>	<b>54,623</b>
<b>Enhancement/Improvement</b>											
73920	Capital Delivery Process Improvements - Water	1,324	301	195	-	-	-	-	-	195	1,820
75540	Water Model Calibration	9	224	393	105	12	-	-	-	510	743
<b>Sub Total Enhancement/Improvement</b>		<b>1,333</b>	<b>525</b>	<b>588</b>	<b>105</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>705</b>	<b>2,563</b>
Total Non-Tangible Capital Assets		38,789	9,783	10,889	1,138	444	100	-	-	12,571	61,143
<b>TOTAL GROSS EXPENDITURES</b>		<b>632,097</b>	<b>136,134</b>	<b>164,288</b>	<b>189,675</b>	<b>105,866</b>	<b>62,456</b>	<b>5,044</b>	<b>9,246</b>	<b>536,575</b>	<b>1,304,806</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Development Charges	32,379	198	409	883	432	100	-	-	1,824	34,401
Development Charges Committed	30,937	-	-	-	-	-	-	-	-	30,937
Reserve: Capital Replacement	10,775	5,447	-	-	-	-	-	-	-	16,222
Committed Non Growth User Rate	7,193	-	-	-	-	-	-	-	-	7,193
Contribution from Operating	20,809	6,283	7,500	3,427	1,090	-	-	-	12,017	39,109
<b>Sub Total Regional</b>	<b>102,093</b>	<b>11,928</b>	<b>7,909</b>	<b>4,310</b>	<b>1,522</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>13,841</b>	<b>127,862</b>
<b>External</b>										
Federal Funding	2,161	-	-	-	-	-	-	-	-	2,161
Grants & Subsidies	101	-	-	-	-	-	-	-	-	101
Provincial Funding	3,685	-	-	-	-	-	-	-	-	3,685
Municipal/Local	5	-	-	-	-	-	-	-	-	5
Other Recoveries	1,202	-	-	-	-	-	-	-	-	1,202
<b>Sub Total External</b>	<b>7,154</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,154</b>
TOTAL AVAILABLE FINANCING	109,247	11,928	7,909	4,310	1,522	100	-	-	13,841	135,016
TOTAL DEBENTURE REQUIREMENTS	522,850	124,206	156,379	185,365	104,344	62,356	5,044	9,246	522,734	1,169,790
TOTAL FINANCING SOURCES	632,097	136,134	164,288	189,675	105,866	62,456	5,044	9,246	536,575	1,304,806
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debenture Proceeds	522,850	-	-	-	-	-	-	-	-	522,850
Debenture Proceeds DC	-	117,166	139,377	160,613	99,254	61,528	4,964	9,241	474,977	592,143
Debenture Proceeds User Rate	-	7,040	17,002	24,752	5,090	828	80	5	47,757	54,797
Total Debenture Requirements	522,850	124,206	156,379	185,365	104,344	62,356	5,044	9,246	522,734	1,169,790

**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority Financing Sources by Project  
(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)	2,337	-	-	2,337	-	-	-	-
70120	Orchard Heights PS Upgrade	3,200	-	-	3,200	-	-	-	-
71180	Queensville Elevated Tank No. 1	7,006	-	-	7,006	-	-	-	-
71260	Decommission Sharon Elevated Tank	300	-	-	-	300	-	-	-
72150	Water Conservation Authority (CA) Joint Initiatives	3,415	-	-	3,415	-	-	-	-
72200	Georgina Water Supply (GWS) - Sutton Water Servicing	1,481	-	-	1,481	-	-	-	-
72390	Water for Tomorrow Program	3,312	-	-	3,312	-	-	-	-
72440	Aurora/Newmarket Water Supply System Study	179	-	-	-	179	-	-	-
72450	Aurora Elevated Tank (related to project 70050)	10,570	-	-	10,570	-	-	-	-
72490	East Gwillimbury Water Meter Chambers	340	-	-	340	-	-	-	-
72500	ISF Georgina Water Supply (GWS) Georgina Water Treatment Plant (WTP) Phase 2	564	-	-	564	-	-	-	-
72520	PD6 Nashville Road Watermain- Huntington to the Kleinburg Elevated Tank	13,035	-	-	13,035	-	-	-	-
73160	Nobleton - Additional Water Supply and Watermain (WM) to Town	3,571	-	-	3,571	-	-	-	-
73300	Water Master Plan Update	950	-	-	-	950	-	-	-
73580	Toronto Cost Shared Work - 2005 Water Supply Agreement	89,380	-	-	89,380	-	-	-	-
73610	Transmission Operations Optimizer	595	-	-	-	-	-	595	-
73790	Peel Water Supply - Cost-Shared Work	220,473	-	-	220,473	-	-	-	-
73890	Source Water Protection	1,000	-	-	1,000	-	-	-	-
73920	Capital Delivery Process Improvements - Water	195	-	-	-	-	-	195	-
74210	PD6 Markham Bypass	274	-	-	274	-	-	-	-
74220	Decommission Markham Pumping Station (PS)	333	-	-	-	333	-	-	-
74260	Toronto Supply - Kennedy Watermain (WM) - Milliken (PS) to Major Mack	32,656	-	-	32,656	-	-	-	-
75390	West Vaughan Water Servicing	5,267	-	-	5,267	-	-	-	-
75400	PD8 West Richmond Hill (RH) Pumping Station (PS) and Watermain	40,726	-	-	40,726	-	-	-	-
75420	PD7 Maple Pumping Station (PS) Upgrade and Flowmeter	126	-	-	126	-	-	-	-
75450	Glenway Reservoir Expansion	5,005	-	-	5,005	-	-	-	-
75460	Yonge Street Watermain from Gladman to Green Lane	1,774	-	-	1,774	-	-	-	-
75510	Second Concession Watermain	5,905	-	-	5,905	-	-	-	-
75530	PD7 Vaughan Watermain and Reservoir	2,001	-	-	2,001	-	-	-	-

**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority Financing Sources by Project  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
75540	Water Model Calibration	510	-	-	-	-	-	510	-
75620	Richmond Hill (Pugsley) Pumping Station (PS) Capacity Upgrade	6,631	-	-	6,631	-	-	-	-
75700	Water Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	395	-	-	395	-	-	-	-
75790	380 Bayview OMM Expansion	900	-	-	-	-	-	900	-
76120	PD7 Elgin Mills (Enford to Bayview)	15,212	-	-	15,212	-	-	-	-
76300	N. Richmond Hill Elevated Tank (ET) No. 2 and Yonge, Vandorf, Bloomington, Bayview Watermain (WM)	3,736	-	-	3,736	-	-	-	-
78500	Water General	8,732	-	-	8,732	-	-	-	-
78510	Surface Water Treatment	2,450	-	-	2,450	-	-	-	-
78511	Ground Water Treatment	6,476	-	-	6,476	-	-	-	-
78512	Pumping Water	7,008	-	-	7,008	-	-	-	-
78514	Storage Elevated Tank	5,917	-	-	-	-	-	5,917	-
78516	Storage Reservoir	990	-	-	990	-	-	-	-
78519	Transmission Main	13,917	-	-	13,917	-	-	-	-
78540	Supervisory Control and Data Acquisition (SCADA) Communication Network Water	3,769	-	-	3,769	-	-	-	-
78563	Technology Integration Water	360	-	-	-	-	-	360	-
78564	Technology Development & Implementation Water	1,615	-	-	-	-	-	1,615	-
78581	Water Asset Management	1,925	-	-	-	-	-	1,925	-
79670	Water System Capacity Assessment	62	-	-	-	62	-	-	-
<b>Total Rate Supported</b>		<b>536,575</b>	<b>-</b>	<b>-</b>	<b>522,734</b>	<b>1,824</b>	<b>-</b>	<b>12,017</b>	<b>-</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
72150	Water Conservation Authority (CA) Joint Initiatives	3,534	-	-	-	-	-	-	-	-	-	-	-	3,534
72390	Water for Tomorrow Program	4,087	-	-	-	-	-	-	-	-	-	-	-	4,087
72490	East Gwillimbury Water Meter Chambers	3,025	-	-	-	-	-	-	-	-	-	-	-	3,025
73890	Source Water Protection	1,500	-	-	-	-	-	-	-	-	-	-	-	1,500
75710	York Peel Feedermain Upgrade	352	4,208	-	-	-	-	-	-	-	-	-	-	4,560
78511	Ground Water Treatment	500	500	-	-	-	-	-	-	-	-	-	-	1,000
78512	Pumping Water	2,050	2,000	1,500	-	-	-	-	-	-	-	-	-	5,550
78514	Storage Elevated Tank	1,200	1,200	-	-	-	-	-	-	-	-	-	-	2,400
78516	Storage Reservoir	300	-	-	-	-	-	-	-	-	-	-	-	300
78519	Transmission Main	3,500	8,000	-	-	-	-	-	-	-	-	-	-	11,500
78563	Technology Integration Water	400	-	-	-	-	-	-	-	-	-	-	-	400
78564	Technology Development & Implementation Water	1,200	-	-	-	-	-	-	-	-	-	-	-	1,200
78581	Water Asset Management	2,490	-	-	-	-	-	-	-	-	-	-	-	2,490
79670	Water System Capacity Assessment	82	-	-	-	-	-	-	-	-	-	-	-	82
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>24,220</b>	<b>15,908</b>	<b>1,500</b>	-	-	-	-	-	-	-	-	-	<b>41,628</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>189,675</b>	<b>105,866</b>	<b>62,456</b>	<b>5,044</b>	<b>411</b>	<b>417</b>	<b>417</b>	<b>202</b>	<b>5,200</b>	<b>2,037</b>	<b>979</b>	<b>372,287</b>	
<b>Incremental 2014 Capital Spending Authority</b>		<b>24,220</b>	<b>15,908</b>	<b>1,500</b>	-	-	-	-	-	-	-	-	<b>41,628</b>	
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>213,895</b>	<b>121,774</b>	<b>63,956</b>	<b>5,044</b>	<b>411</b>	<b>417</b>	<b>202</b>	<b>5,200</b>	<b>2,037</b>	<b>979</b>	<b>413,915</b>		

**2013 Business Plan and Budget**  
**Environmental Services**  
**Water**  
**2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
(In \$000's)											
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Development Charges	82	-	-	-	-	-	-	-	-	-	82
Contribution from Operating	5,290	1,200	-	-	-	-	-	-	-	-	6,490
<b>Sub Total Regional</b>	<b>5,372</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,572</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>5,372</b>	<b>1,200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,572</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>18,848</b>	<b>14,708</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,056</b>
<b>TOTAL FINANCING SOURCES</b>	<b>24,220</b>	<b>15,908</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>41,628</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debtenture Proceeds DC	7,464	4,208	-	-	-	-	-	-	-	-	11,672
Debtenture Proceeds User Rate	11,384	10,500	1,500	-	-	-	-	-	-	-	23,384
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>18,848</b>	<b>14,708</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,056</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Water**  
**2014 Incremental 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
72150	Water Conservation Authority (CA) Joint Initiatives	3,534	-	-	3,534	-	-	-	-
72390	Water for Tomorrow Program	4,087	-	-	4,087	-	-	-	-
72490	East Gwillimbury Water Meter Chambers	3,025	-	-	3,025	-	-	-	-
73890	Source Water Protection	1,500	-	-	1,500	-	-	-	-
75710	York Peel Feedermain Upgrade	4,560	-	-	4,560	-	-	-	-
78511	Ground Water Treatment	1,000	-	-	1,000	-	-	-	-
78512	Pumping Water	5,550	-	-	5,550	-	-	-	-
78514	Storage Elevated Tank	2,400	-	-	-	-	-	2,400	-
78516	Storage Reservoir	300	-	-	300	-	-	-	-
78519	Transmission Main	11,500	-	-	11,500	-	-	-	-
78563	Technology Integration Water	400	-	-	-	-	-	400	-
78564	Technology Development & Implementation Water	1,200	-	-	-	-	-	1,200	-
78581	Water Asset Management	2,490	-	-	-	-	-	2,490	-
79670	Water System Capacity Assessment	82	-	-	-	82	-	-	-
<b>Total Rate Supported</b>		<b>41,628</b>	<b>-</b>	<b>-</b>	<b>35,056</b>	<b>82</b>	<b>-</b>	<b>6,490</b>	<b>-</b>



**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)										Balance to Complete	Capital Spending Authority	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>Water - Rehabilitation &amp; Replacement</b>															
<b>Expenditures</b>															
73610	2,067	383	485	110	-	-	-	-	-	-	-	-	-	-	595
73920	1,324	301	195	-	-	-	-	-	-	-	-	-	-	-	195
75540	9	224	393	105	12	-	-	-	-	-	-	-	-	-	510
78500	585	445	2,735	5,372	325	300	-	-	-	-	-	-	-	-	8,732
78510	234	200	300	2,000	150	-	-	-	-	-	-	-	-	-	2,450
78511	833	1,736	2,224	3,316	523	328	80	3	2	-	-	-	-	-	6,476
78512	994	2,105	4,701	1,704	403	200	-	-	-	-	-	-	-	-	7,008
78514	73	100	2,427	2,412	1,078	-	-	-	-	-	-	-	-	-	5,917
78516	320	405	410	580	-	-	-	-	-	-	-	-	-	-	990
78519	14,758	7,148	1,557	9,630	2,730	-	-	-	-	-	-	-	-	-	13,917
			660	2,150	959	-	-	-	-	-	-	-	-	-	3,769
78563	21	400	360	-	-	-	-	-	-	-	-	-	-	-	360
78564	319	450	1,615	-	-	-	-	-	-	-	-	-	-	-	1,615
78581	-	1,642	1,925	-	-	-	-	-	-	-	-	-	-	-	1,925
<b>Total Expenditures</b>	<b>21,537</b>	<b>15,587</b>	<b>19,987</b>	<b>27,379</b>	<b>6,180</b>	<b>828</b>	<b>80</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54,459</b>
<b>Regional Financing Sources</b>															
Committed Non Growth User Rate	5,524	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	10,769	3,994	7,400	2,627	1,090	-	-	-	-	-	-	-	-	-	11,117
Development Charges	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Capital Replacement	5,110	4,553	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>21,537</b>	<b>8,547</b>	<b>7,400</b>	<b>2,627</b>	<b>1,090</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,117</b>
<b>External Financing Sources</b>															
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debtenture Financing Sources</b>	<b>-</b>	<b>7,040</b>	<b>12,587</b>	<b>24,752</b>	<b>5,090</b>	<b>828</b>	<b>80</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,342</b>
<b>Total Financing Sources</b>	<b>21,537</b>	<b>15,587</b>	<b>19,987</b>	<b>27,379</b>	<b>6,180</b>	<b>828</b>	<b>80</b>	<b>3</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54,459</b>

**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)										Balance to Complete	Capital Spending Authority
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>Water - Growth</b>														
<b>Expenditures</b>														
70050	11,490	1,111	300	1,865	172	-	-	-	-	-	-	-	-	2,337
70120	959	450	2,000	1,200	-	-	-	-	-	-	-	-	-	3,200
71180	710	1,555	5,321	1,685	-	-	-	-	-	-	-	-	-	7,006
71260	250	10	50	250	-	-	-	-	-	-	-	-	-	300
72150	12,282	2,289	3,415	-	-	-	-	-	-	-	-	-	-	3,415
72200	363	219	198	719	282	282	-	-	-	-	-	-	-	1,481
72390	10,152	4,310	3,312	-	-	-	-	-	-	-	-	-	-	3,312
72440	-	21	158	21	-	-	-	-	-	-	-	-	-	179
72450	154	285	4,000	6,570	-	-	-	-	-	-	-	-	-	10,570
72490	18	-	140	200	-	-	-	-	-	-	-	-	-	340
72500	9,621	896	564	-	-	-	-	-	-	-	-	-	-	564
72520	20	2,000	4,067	8,968	-	-	-	-	-	-	-	-	-	13,035
73160	3,468	1,545	2,691	877	3	-	-	-	-	-	-	-	-	3,571
73300	794	-	50	400	400	100	-	-	-	-	-	-	-	950
73580	152,168	16,976	16,290	21,176	21,734	17,778	3,519	260	205	202	5,200	2,037	769	89,380

**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)										Balance to Complete	Capital Spending Authority	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
73790	357,028	55,000	55,000	62,000	62,000	41,473	-	-	-	-	-	-	-	-	220,473
73890	3,814	894	1,000	-	-	-	-	-	-	-	-	-	-	-	1,000
74210	9,830	4,247	274	-	-	-	-	-	-	-	-	-	-	-	274
74220	47	36	89	212	32	-	-	-	-	-	-	-	-	-	333
74260	14,423	23,237	22,826	9,830	-	-	-	-	-	-	-	-	-	-	32,656
75390	29	13	455	612	2,360	1,060	780	-	-	-	-	-	-	-	5,267
75400	534	769	452	30,274	10,000	-	-	-	-	-	-	-	-	-	40,726
75420	691	135	116	9	1	-	-	-	-	-	-	-	-	-	126
75450	273	434	3,983	1,012	10	-	-	-	-	-	-	-	-	-	5,005
75460	32	-	20	248	648	200	300	148	210	-	-	-	-	-	1,774
75510	4	139	29	3,984	1,892	-	-	-	-	-	-	-	-	-	5,905
75530	-	-	21	728	152	735	365	-	-	-	-	-	-	-	2,001
75620	384	600	5,000	1,631	-	-	-	-	-	-	-	-	-	-	6,631
75700	-	36	40	355	-	-	-	-	-	-	-	-	-	-	395
75790	-	-	100	800	-	-	-	-	-	-	-	-	-	-	900

**2013 Business Plan and Budget  
Environmental Services  
Water  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)										Balance to Complete	Capital Spending Authority		
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022				
76120	539	190	9,349	5,863	-	-	-	-	-	-	-	-	-	-	15,212	
	10,188	2,781	2,929	807	-	-	-	-	-	-	-	-	-	-	3,736	
79670	10,117	56	62	-	-	-	-	-	-	-	-	-	-	-	62	
<b>Total Expenditures</b>	<b>610,382</b>	<b>120,234</b>	<b>144,301</b>	<b>162,296</b>	<b>99,686</b>	<b>61,628</b>	<b>4,964</b>	<b>408</b>	<b>415</b>	<b>202</b>	<b>5,200</b>	<b>2,037</b>	<b>-</b>	<b>482,116</b>		
<b>Regional Financing Sources</b>																
Committed Non Growth User Rate	1,652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Contribution from Operating	9,986	2,289	100	800	-	-	-	-	-	-	-	-	-	-	900	
Development Charges	32,236	198	409	883	432	100	-	-	-	-	-	-	-	-	1,824	
Development Charges Committed	30,839	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reserve: Capital Replacement	5,665	894	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Regional Financing Sources</b>	<b>80,378</b>	<b>3,381</b>	<b>509</b>	<b>1,683</b>	<b>432</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,724</b>		
<b>External Financing Sources</b>																
Federal Funding	2,161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Provincial Funding	3,786	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Recoveries	1,207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total External Financing Sources</b>	<b>7,154</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		
<b>Total Debtenture Financing Sources</b>	<b>522,850</b>	<b>116,853</b>	<b>143,792</b>	<b>160,613</b>	<b>99,254</b>	<b>61,528</b>	<b>4,964</b>	<b>408</b>	<b>415</b>	<b>202</b>	<b>5,200</b>	<b>2,037</b>	<b>-</b>	<b>479,392</b>		
<b>Total Financing Sources</b>	<b>610,382</b>	<b>120,234</b>	<b>144,301</b>	<b>162,296</b>	<b>99,686</b>	<b>61,628</b>	<b>4,964</b>	<b>408</b>	<b>415</b>	<b>202</b>	<b>5,200</b>	<b>2,037</b>	<b>-</b>	<b>482,116</b>		
<b>Combined Program Financing Sources</b>																
Total Regional Financing Sources	102,093	11,928	7,909	4,310	1,522	100	-	-	-	-	-	-	-	-	13,841	
Total External Financing Sources	7,154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Debtenture Financing Sources	522,850	124,206	156,379	185,365	104,344	62,356	5,044	411	417	202	5,200	2,037	769	522,734		
Total Financing Sources	632,097	136,134	164,288	189,675	105,866	62,456	5,044	411	417	202	5,200	2,037	769	536,575		
<b>Capital Spending Authority Finance Sources by Program</b>																
Program	Capital Project Total	User Rate	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries									
Water - Growth	482,116	900	-	479,392	1,824	-	-									
Water - Rehabilitation & Replacement	54,459	11,117	-	43,342	-	-	-									
<b>Total Tax Supported</b>	<b>536,575</b>	<b>12,017</b>	<b>-</b>	<b>522,734</b>	<b>1,824</b>	<b>-</b>	<b>-</b>									

**2013 Business Plan and Budget  
Environmental Services  
Water**

**2014 Incremental Capital Spending Authority by Program**

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)										
<b>Water - Rehabilitation &amp; Replacement</b>												
<b>Expenditures</b>												
78511	Ground Water Treatment	500	500	-	-	-	-	-	-	-	-	1,000
78512	Pumping Water	2,050	2,000	1,500	-	-	-	-	-	-	-	5,550
78514	Storage Elevated Tank	1,200	1,200	-	-	-	-	-	-	-	-	2,400
78516	Storage Reservoir	300	-	-	-	-	-	-	-	-	-	300
78519	Transmission Main	3,500	8,000	-	-	-	-	-	-	-	-	11,500
78563	Technology Integration Water	400	-	-	-	-	-	-	-	-	-	400
	Technology Development & Implementation Water	1,200	-	-	-	-	-	-	-	-	-	1,200
78581	Water Asset Management	2,490	-	-	-	-	-	-	-	-	-	2,490
	<b>Total Expenditures</b>	<b>11,640</b>	<b>11,700</b>	<b>1,500</b>	-	-	-	-	-	-	-	<b>24,840</b>
<b>Regional Financing Sources</b>												
	Committed Non Growth User Rate	-	-	-	-	-	-	-	-	-	-	-
	Contribution from Operating	5,290	1,200	-	-	-	-	-	-	-	-	6,490
	Development Charges	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Capital Replacement	-	-	-	-	-	-	-	-	-	-	-
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>5,290</b>	<b>1,200</b>	-	-	-	-	-	-	-	-	<b>6,490</b>
<b>External Financing Sources</b>												
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Debtenture Financing Sources</b>	<b>6,350</b>	<b>10,500</b>	<b>1,500</b>	-	-	-	-	-	-	-	<b>18,350</b>
	<b>Total Financing Sources</b>	<b>11,640</b>	<b>11,700</b>	<b>1,500</b>	-	-	-	-	-	-	-	<b>24,840</b>

2013 Business Plan and Budget  
Environmental Services

Water  
2014 Incremental Capital Spending Authority by Program

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
(In \$000's)											
<b>Water - Growth</b>											
<b>Expenditures</b>											
72150 Water Conservation Authority (CA) Joint Initiatives	3,534	-	-	-	-	-	-	-	-	-	3,534
72390 Water for Tomorrow Program	4,087	-	-	-	-	-	-	-	-	-	4,087
72490 East Gwillimbury Water Meter Chambers	3,025	-	-	-	-	-	-	-	-	-	3,025
73690 Source Water Protection	1,500	-	-	-	-	-	-	-	-	-	1,500
75710 York Peel Feedermain Upgrade	352	4,208	-	-	-	-	-	-	-	-	4,560
79670 Water System Capacity Assessment	82	-	-	-	-	-	-	-	-	-	82
<b>Total Expenditures</b>	<b>12,580</b>	<b>4,208</b>	-	-	-	-	-	-	-	-	<b>16,788</b>
<b>Regional Financing Sources</b>											
Committed Non Growth User Rate	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	-	-	-	-	-	-	-	-	-	-	-
Development Charges	82	-	-	-	-	-	-	-	-	-	82
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-
Reserve: Capital Replacement	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>82</b>	-	-	-	-	-	-	-	-	-	<b>82</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>	<b>12,498</b>	<b>4,208</b>	-	-	-	-	-	-	-	-	<b>16,706</b>
<b>Total Financing Sources</b>	<b>12,580</b>	<b>4,208</b>	-	-	-	-	-	-	-	-	<b>16,788</b>
<b>Combined Program Financing Sources</b>											
<b>Total Regional Financing Sources</b>	5,372	1,200	-	-	-	-	-	-	-	-	6,572
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>	18,848	14,708	1,500	-	-	-	-	-	-	-	35,056
<b>Total Financing Sources</b>	24,220	15,908	1,500	-	-	-	-	-	-	-	41,628

2013 Business Plan and Budget  
Environmental Services

Water

2014 Incremental Capital Spending Authority by Program

Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	User Rate	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Water - Growth	16,788	-	-	16,706	82	-	-		
Water - Rehabilitation & Replacement	24,840	6,490	-	18,350	-	-	-		
<b>Total Tax Supported</b>	<b>41,628</b>	<b>6,490</b>	<b>-</b>	<b>35,056</b>	<b>82</b>	<b>-</b>	<b>-</b>		

**2013 Business Plan and Budget  
Environmental Services  
Water  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	-	101	101	101	101	-	-	101	-	-
Program Specific Expenses	-	40	8	-	-	8	-	24	8	-
Financing Costs	6,501	8,212	2,369	2,143	65	8,089	5,339	7,087	1,940	8,785
Contribution to Reserves	330	339	355	370	387	404	423	442	462	482
<b>Total Expenditures</b>	<b>6,831</b>	<b>8,692</b>	<b>2,833</b>	<b>2,614</b>	<b>553</b>	<b>8,501</b>	<b>5,762</b>	<b>7,654</b>	<b>2,410</b>	<b>9,267</b>
<b>Revenues</b>										
Development Charges	5,644	7,463	1,514	1,116	451	7,738	4,180	5,503	795	6,924
<b>Total Revenues</b>	<b>5,644</b>	<b>7,463</b>	<b>1,514</b>	<b>1,116</b>	<b>451</b>	<b>7,738</b>	<b>4,180</b>	<b>5,503</b>	<b>795</b>	<b>6,924</b>
<b>Total Net Impact on User Rates</b>	<b>1,187</b>	<b>1,229</b>	<b>1,319</b>	<b>1,498</b>	<b>102</b>	<b>763</b>	<b>1,582</b>	<b>2,151</b>	<b>1,615</b>	<b>2,343</b>



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## Capital Strategy

In accordance with York Region's Sustainability Strategy, which promotes a balanced approach to better integrate economy, environment and community, the 2013 Wastewater Capital Strategy builds on the success of previous capital strategies with an increased focus on the need to deliver a financially sustainable infrastructure program. Capital projects have been prioritized to ensure that funding is being employed in a sustainable manner to support managed growth, optimize community benefit and leverage capacity available in existing infrastructure. Through this prioritization process, the soundness of the capital works program is evaluated and confirmed to ensure consistency with the Sustainability Strategy balanced approach on economy, environment and community.

Along with infrastructure expansion, inflow and infiltration reduction and infrastructure management are key elements in providing cost effective and sustainable wastewater services over the long term.

## 10 Year Plan Overview

### Delivering over \$2.5 billion on wastewater works within the next ten years

Building on the 2009 Water and Wastewater Master Plan Update and the 2013 capital works prioritization, the ten year plan will focus on expanding the York Durham Sewage System, delivering the remaining cost shared works in partnership with the Region of Peel, and implementing works to service long term growth in Holland Landing, Queensville and Sharon. Substantial investment will also be directed to support the inflow and infiltration reduction and asset rehabilitation programs to maintain and leverage capacity available in existing infrastructure.

Highlights of the ten year wastewater capital plan are:

- Funding requirements for the ten year capital plan are approximately \$2.5 billion
- \$1.2 billion or 46% of the ten year plan is required for expansion and upgrades of the York Durham Sewage System, including the Southeast Collector Sewer and works at the Duffin Creek Water Pollution Control Plant
- \$749 million or 30% of the ten year plan has been allocated to construct sewage works to service the Holland Landing, Sharon and Queensville communities in East Gwillimbury and parts of Aurora and Newmarket
- Major wastewater infrastructure works in the ten year plan include 59 km of new trunk sewers, a new water reclamation centre, 3 water pollution control plant expansions and 3 new sewage pumping stations
- \$413 million or 16% of ten year plan is being allocated to major infrastructure renewal projects to rehabilitate or replace aging assets
- \$36 million or 1% of funding over the 10 year period is required to support works associated with the Inflow and Infiltration reduction initiative

## **Advanced or completed approximately \$240 million of wastewater works in 2012**

Major 2012 achievements include:

Completed construction of:

- Duffin Creek Water Pollution Control Plant Stage 3 - solids process expansion
- Kleinburg Water Pollution Control Plant
- Keswick Forcemain and Joe Dales Pumping Station in Georgina
- Works in new Southeast Collector Sewer totalling \$110 million
- Cost-shared works with Peel totalling \$1.3 million

Commenced construction of:

- Queensville/Sharon/Holland Landing York Durham Sewage System connection
- Duffin Creek Stage 3 pumping station
- Duffin Creek Stages 1 and 2 Upgrades
- Leslie Street Pumping Station Upgrade

Inflow and Infiltration Reduction Program

- Submitted the first Annual Report to Ministry of the Environment
- Commenced the Inflow and Infiltration Audit and Flow Monitoring Program
- Completed \$7.6 million of inflow and infiltration reduction works in partnership with local municipalities including Aurora, East Gwillimbury, Georgina, Newmarket, Richmond Hill, and Whitchurch-Stouffville

## **Key Initiatives**

A number of key initiatives have been identified as essential in carrying out the capital strategy.

### **Project Prioritization**

A new initiative in the 2013 ten year capital plan is developing a consistent, systematic and transparent approach to prioritize capital projects. Prioritization of capital projects will assist in delivering a sustainable infrastructure program that is financially sound, supportive of the Region's new and existing vibrant communities and the natural environment.

First priority will be given to capital infrastructure projects that are committed:

- to address regulatory requirements
- through engineering and construction contracts
- through prepaid development charge credit agreements
- through inter-regional servicing agreements

Other projects are being ranked on seven main criteria:

- community building in support of Centres and Corridors initiative
- cost effectiveness
- alignment with asset management program
- environmental and compliance management

- operational considerations
- provision and enhancement of system reliability and redundancy
- enhancement of the environment

## **Implementation of the following Wastewater projects and programs:**

### **Increasing capacity in York Durham Sewage System to meet servicing needs in urban areas of York Region**

During the next ten years, attention will largely focus on increasing the York Durham Sewage System capacity (approximately \$1.2 billion or 46% of the ten year plan) through implementation of the following projects:

- Construction 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. The sewer will also provide operational flexibility to rehabilitate the existing sewer.
- Completion of Duffin Creek Stage 3 Influent Pumping Station, Stages 1 and 2 Upgrades and the Outfall
- Upgrades to Leslie Street pumping station, including pump replacement, electrical and other enhancements to increase pumping capacity to meet growth needs
- Infrastructure required to service growth in the West Vaughan area (area west of Highway 27 including Kleinburg-Nashville) and employment lands north of Teston Road east and west of Highway 400

### **Servicing growth in East Gwillimbury, Aurora, Newmarket through Upper York Sewage Solutions**

Initial growth needs for sanitary servicing in Holland Landing, Queensville and Sharon will be met through construction of the York Durham Sewage System connection currently underway. Project involves construction of sewers and three sewage pumping stations to connect three communities to the Newmarket pumping station.

Additional capacity to service long term growth needs of three communities in East Gwillimbury, as well as parts of Aurora and Newmarket, will be addressed through the Upper York Sewage Solutions project. The individual environmental assessment study currently in progress has identified a new Water Reclamation Centre together with upgrades to the York Durham Sewage System in Newmarket and Aurora as the preferred alternative for the project.

### **Expanding treatment capacity in Georgina to accommodate expected growth to 2031**

Expansion of the Keswick Water Pollution Control Plant will increase the treatment capacity to 18 ML/day to accommodate planned growth in the community to 2031. Construction is currently underway and scheduled for commissioning in 2013. In addition, the ten year plan includes expansion of the Sutton water pollution control plant and increasing the High Street pumping station capacity to meet long term growth needs in Sutton.

## **Completing cost-shared works in partnership with Peel to provide additional sewage servicing capacity**

Increased system capacity in the west Vaughan area will continue to be secured through diversion of sewage flow for treatment in Peel Region. Within the ten year period, Peel cost-shared capital projects include replacing sections of trunk sewers in Etobicoke and expanding capacity at the Lakeview wastewater treatment plant.

## **Demonstrating municipal leadership with a long-term Inflow and Infiltration Reduction Program**

The Region and its nine local municipalities have shown leadership within the Province by developing and committing to implement an inflow and infiltration reduction program. An asset management perspective of wastewater service delivery has been used to develop the program with a focus on performance management, flow monitoring, inspection and condition assessments, capital improvements, funding and reserves, industry communication, reporting and continuous improvement. The program includes financial resources for near term projects, as well as a commitment to identify and address financial requirements for a 20 year horizon and beyond. The program ensures that ongoing communication and collaboration occurs between regulatory agencies, regional developers, industry stakeholders and local area municipalities. Approximately \$36 million has been allocated to support the inflow and infiltration strategy during the next ten years.

## **Effectively managing the lifecycle of more than \$3 billion worth of assets through the Infrastructure Management Program**

The Infrastructure Management Program for wastewater assets is designed to support short and long-term capital planning. The aim of the Program is to develop asset management strategies and frameworks leading to a quantitative method for identifying and prioritizing of critical infrastructure renewal projects. In essence, 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 (over \$413 million or 16% of the ten year plan) will be delivered to ensure long-term sustainability of existing assets. Projects in the ten year plan are expected to improve the soundness and reliability of existing infrastructure and include:

- Sewage Pumping Station upgrades including Newmarket, Aurora, Black Creek and Bogart Creek Pumping Stations (\$59 million)
- Forcemain and sewer rehabilitation including sewer relining, corrosion control and crack assessment/repair for Aurora-Newmarket York Durham Sewage System (\$105 million)
- Rehabilitation of York Durham Sewage System flumes to ensure accuracy and reliability of wastewater flow measurement (\$4.6 million)
- Upgrades to the Duffin Creek Water Pollution Control Plant and works at existing odour control facility (\$120 million)
- Water pollution control plant upgrades including replacement of ultraviolet system for Sutton Water Pollution Control Plant, and rehabilitation of clarifier at the Kleinburg Water Pollution Control Plant (\$11 million)
- Asset Management Program development, including condition assessments of the growing asset base (\$13 million)

## New Projects Added to the 2013 Budget Process

There are two new growth-related projects in the 2013 ten year plan (\$23.5 million):

- North Don Relief Sewer: New sewer under Carrville Road and Bathurst Street required to optimize system capacity by diverting flow from the North Don Sewershed to the Bathurst Trunk Sewershed. (\$17 million)
- York Durham Sewage System – Expansion of Regional Laboratory at Duffin Creek WPCP to meet current and future needs at the lab and allow for additional staff to support enhanced regulatory requirements related to effluent quality. (\$6.5 million)

## Long Term Outlook

### Expenditures

Wastewater related expenditures total \$2.5 billion of which \$1.7 billion (or 68% of the ten year plan) will occur within the first five years primarily for implementation of major York Durham Sewage System projects and infrastructure required to accommodate future growth in Holland Landing, Queensville and Sharon. The second half of the ten year involves expenditures of \$0.8 billion (or 32% of the ten year plan) mostly in support of growth in East Gwillimbury, parts of Vaughan and regional centres and corridors. Key projects to be implemented over the ten year period include the new Southeast Collector, Duffin Creek Outfall, Duffin Creek Stages 1 and 2 Upgrades, Leslie Street pumping station upgrades, East and West Vaughan servicing, Queensville, Holland Landing and Sharon York Durham Sewage System Connection, Upper York Sewage Solutions and expansion of both Keswick and Sutton water pollution control plants.

Along with infrastructure expansion, over \$400 million of funding will be required over the next 10 years to cover the rehabilitation and replacement cost of aging wastewater infrastructure with the majority of the expenditure projected to occur in the second half of the ten year plan (\$235 million or approximately 58% of the ten year plan).

## Capital Summary

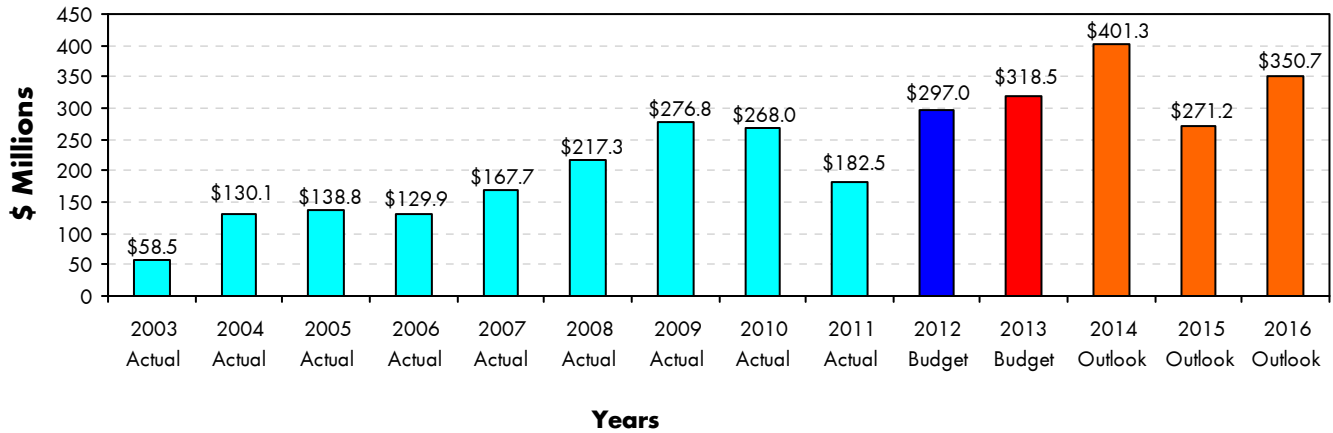
\$000's	2012 Budget	2013 Budget	2014 Outlook	2015 Outlook	2016-2022 Outlook	10Y Plan 2013-2022 Outlook
<b>GROSS EXPENDITURES</b>						
<b>Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Gravity Sewer	2,870	4,391	18,400	9,203	117,974	149,968
Other Non-Capital Projects	7,070	5,406	9,650	11,030	12,700	38,786
Sewage Pumping Station	5,898	6,320	21,577	6,070	25,500	59,467
Sewage Treatment Plants	899	797	6,213	500	4,500	12,010
Forcemain	0	0	0	200	4,800	5,000
Sewage Meter Chambers	394	520	2,100	1,050	900	4,570
Third Party Capital	11,342	9,392	5,835	2,105	121,838	139,170
<b>Total Replacement/Rehabilitation</b>	<b>28,473</b>	<b>26,826</b>	<b>63,775</b>	<b>30,158</b>	<b>288,212</b>	<b>408,971</b>
<b>Growth / Expansion</b>						
Gravity Sewer	153,035	170,640	216,215	114,648	782,695	1,284,198
Forcemain	0	0	0	0	50,001	50,001
Other Non-Capital Projects	0	0	0	534	2,751	3,285
Sewage Pumping Station	6,181	8,170	12,195	6,478	87,772	114,615
Sewage Treatment Plants	17,930	15,435	18,206	0	40,668	74,309
Third Party Capital	78,698	91,265	79,415	110,180	235,884	516,744
<b>Total Growth / Expansion</b>	<b>255,844</b>	<b>285,510</b>	<b>326,031</b>	<b>231,840</b>	<b>1,199,771</b>	<b>2,043,152</b>
<b>Total Tangible Capital Assets</b>	<b>284,317</b>	<b>312,336</b>	<b>389,806</b>	<b>261,998</b>	<b>1,487,983</b>	<b>2,452,123</b>
<b>Non - Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Gravity Sewer	350	350	0	0	0	350
Other Non-Capital Projects	915	1,425	1,535	1,460	8,400	12,820
<b>Total Replacement/Rehabilitation</b>	<b>1,265</b>	<b>1,775</b>	<b>1,535</b>	<b>1,460</b>	<b>8,400</b>	<b>13,170</b>
<b>Growth / Expansion</b>						
Planning & Studies	9,730	3,080	8,516	6,263	20,160	38,019
Sewage Treatment Plants	0	0	0	0	243	243
<b>Total Growth / Expansion</b>	<b>9,730</b>	<b>3,080</b>	<b>8,516</b>	<b>6,263</b>	<b>20,403</b>	<b>38,262</b>
<b>Improvements / Enhancement</b>						
Groundwater Resource Protection	1,618	1,251	1,299	1,455	11,270	15,275
Other Non-Capital Projects	86	100	100	0	500	700
<b>Total Improvements / Enhancement</b>	<b>1,704</b>	<b>1,351</b>	<b>1,399</b>	<b>1,455</b>	<b>11,770</b>	<b>15,975</b>
<b>Total Non - Tangible Capital Assets</b>	<b>12,699</b>	<b>6,206</b>	<b>11,450</b>	<b>9,178</b>	<b>40,573</b>	<b>67,407</b>
<b>Total Replacement/Rehabilitation</b>	<b>29,738</b>	<b>28,601</b>	<b>65,310</b>	<b>31,618</b>	<b>296,612</b>	<b>422,141</b>
<b>Total Growth / Expansion</b>	<b>265,574</b>	<b>288,590</b>	<b>334,547</b>	<b>238,103</b>	<b>1,220,174</b>	<b>2,081,414</b>
<b>Total Improvements / Enhancements</b>	<b>1,704</b>	<b>1,351</b>	<b>1,399</b>	<b>1,455</b>	<b>11,770</b>	<b>15,975</b>
<b>TOTAL GROSS EXPENDITURES</b>	<b>297,016</b>	<b>318,542</b>	<b>401,256</b>	<b>271,176</b>	<b>1,528,556</b>	<b>2,519,530</b>

# Wastewater

\$000's	2012 Budget	2013 Budget	2014 Outlook	2015 Outlook	2016-2022 Outlook	10Y Plan 2013-2022 Outlook
<b>FINANCING</b>						
Www Committed Non-Growth User Rate	(789)	0	0	0	0	0
Www Contribution from Operating	(14,210)	(6,074)	(14,215)	(8,243)	(123,920)	(152,452)
Developer Up - Front Financing	(4,330)	(21,649)	(66,460)	(20,238)	(243)	(108,591)
Development Charge	0	(50)	(400)	(400)	(1,206)	(2,056)
Reserve: Capital Replacement	(16,988)	0	0	0	0	0
Other Recoveries (3rd party)	(8,396)	(12,743)	(14,328)	(17,714)	(28,833)	(73,618)
Debentures	(252,303)	(278,026)	(305,853)	(224,581)	(1,374,354)	(2,182,813)
<b>TOTAL FINANCING</b>	<b>(297,016)</b>	<b>(318,542)</b>	<b>(401,256)</b>	<b>(271,176)</b>	<b>(1,528,556)</b>	<b>(2,519,530)</b>
<b>TAX LEVY - RESERVE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Capital Program Cost History

### Wastewater

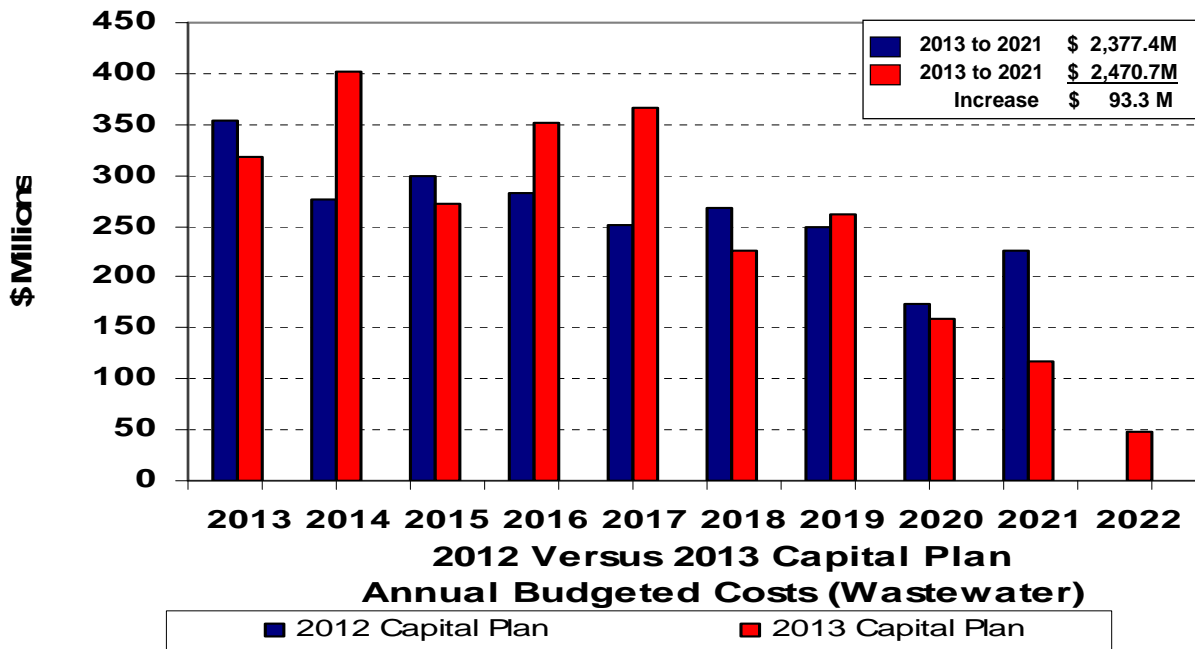




## 2012 Plan vs. 2013 Plan

### Gross Costs Comparison (2013 to 2021)

Projected expenditures for 2013 to 2021 have increased by \$93.3 million in the 2013 Capital Plan over the 2012 Capital Plan. Out of the \$2.5 billion 2013 to 2021 estimated program costs, \$1.0 billion is 2013 Capital Spending Authority.



### Explanation of Changes from 2012 to 2013 Plan

Comparison of 2012 and 2013 plans above show an increase in forecast expenditures of \$93.3 million in the nine year period between 2013 and 2021. A number of projects have increased expenditures between 2013 and 2021 in the 2013 Capital Plan totalling \$409 million while there are other projects with decreased expenditures totalling \$316 million.

The main projects with increases are as follows.

- Trunk Sewer Infrastructure Renewal Program (78536) – increased by \$116 million. This project includes works for a number of individual projects, including the rehabilitation of the existing Southeast Collector (\$90 million) a portion of which was included in project 76340 in the 2012 budget
- Southeast Collector (74040) – increased by \$65 million to reflect deferred expenditures from 2011 and 2012 in addition to an allowance for scope or contingency changes during construction
- West Vaughan Sewer Servicing (75300) – increased by \$50 million to reflect revised construction estimates
- Duffin Creek Stages 1 & 2 Upgrades (72530) – increased by \$31 million to reflect deferred expenditures from 2012

- Wastewater General Infrastructure Renewal Program (78520) – increased by \$26 million to reflect an additional \$17 million allowance for emergency repairs; \$8 million for new projects identified to start in 2013; and \$1 million for expenditures deferred from 2011 / 2012 for existing projects
- Keswick WPCP Expansion (72240) – increased \$19 million to reflect deferral of expenditures from 2012 and increased costs to reflect current construction estimates for the Outfall
- North Don Relief Sewer (75760) – new project added as part of the 2013 budget (\$17 million). New sewer under Carville Road and Bathurst Street is required to optimize system capacity by diverting flow from the North Don Sewershed to Bathurst Trunk Sewershed.
- Pumping Wastewater (78531) – increased by \$14 million to reflect an increase in allowance for future projects and a deferral of expenditures from 2012
- Remaining increases are spread over twenty-one projects and range from \$62 thousand to \$10 million

The main projects with decreases are as follows:

- Primary Trunk (75320) – decreased by \$186 million to reflect deferral of the start of construction to 2024
- YDSS Duffin Creek WPCP (76340) – decreased by \$102 million to reflect transfer of the rehabilitation works for the existing Southeast Collector to the Trunk Sewer Infrastructure renewal program (identified as an increase above) and the expectation that with the Duffin Creek Stage 1 & 2 Upgrades, significant additional work will not be required at the Duffin Creek Plant in the ten year plan
- Remaining decreases are spread over nine projects and range from decreases of \$1 thousand to \$12 million

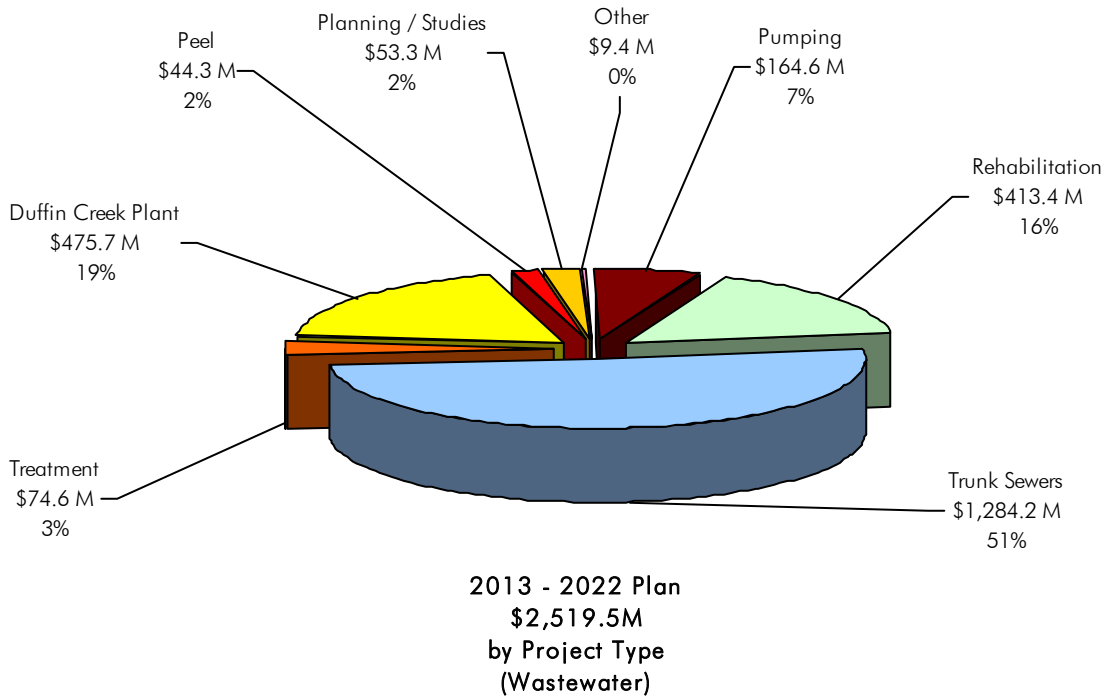
## Pressures of Net Operating Impact of New Capital Projects

Additional staffing and funding resources will be required to operate and maintain the new facilities and sewers that will be coming online. Major infrastructure to be constructed in the ten year period is summarized below:

Year	Water Pollution Plant Expansion	No. of new pumping stations	Odour Control Facilities	New Sewers (km)	Additional Operations Staff Required
2013	1	-	-	-	1
2014	-	-	1	18	
2015	-	3	-	15	2
2016	-	-	-	-	
2017	-	-	-	13	
2018	-	-	-	2.1	10
2019	-	-	-	-	
2020	1	-	-	2.2	
2021	1	1	-	8.2	1
2022	-	-	-	-	
<b>Total</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>58.5</b>	<b>14</b>

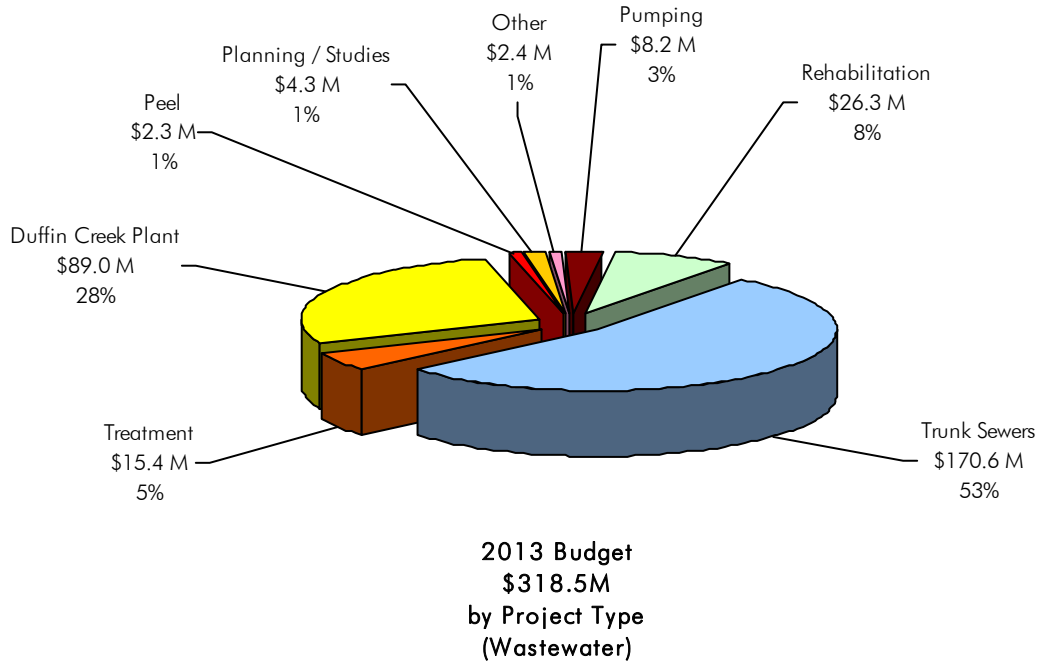
## Appendix

### 10 Year Capital Plan – Forecast Expenditures by Project Type



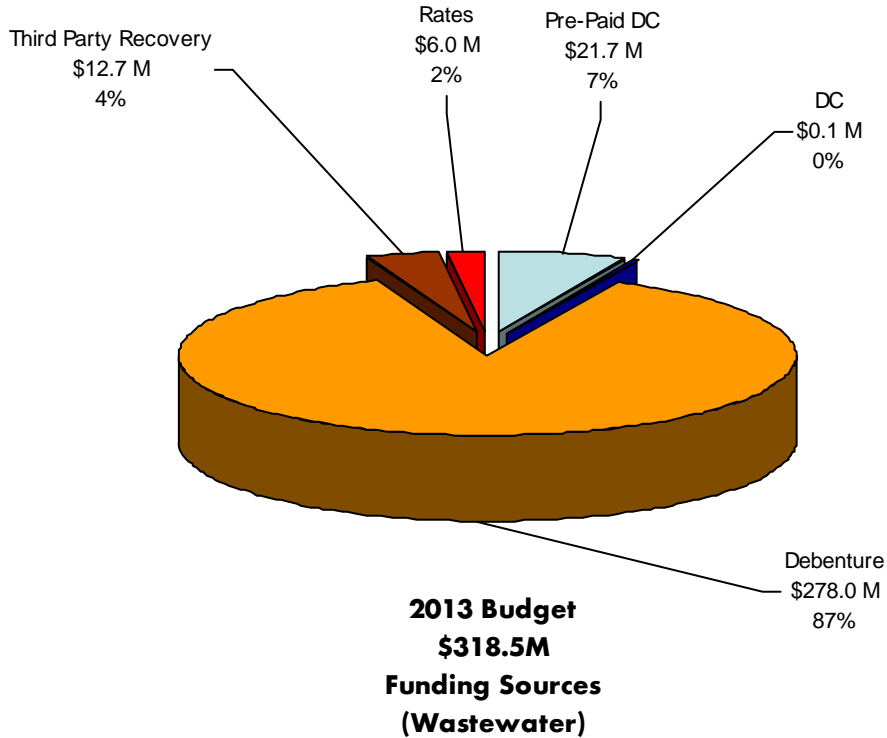
The ten year wastewater capital plan totals \$2.5 billion, of which \$1.3 billion or 51% is projected for expansion of York Durham Sewage System, including the new Southeast Collector, East and West Vaughan sewers, Leslie Street Pumping Station Upgrades, Queensville, Holland Landing and Sharon York Durham Sewage System Connection and Upper York Sewage Solutions. In addition, \$476 million or 19% of funding is for work at the Duffin Creek Water Pollution Control Plant and \$75 million for expansion of water pollution control plants in Georgina. Capital expenditures to rehabilitate or replace aging infrastructure account for \$413 million or 16% of the ten year expenditures. Funding of about \$36 million has been included to support the Inflow and Infiltration reduction program.

## 2013 Budget – Forecast Expenditures by Project Type



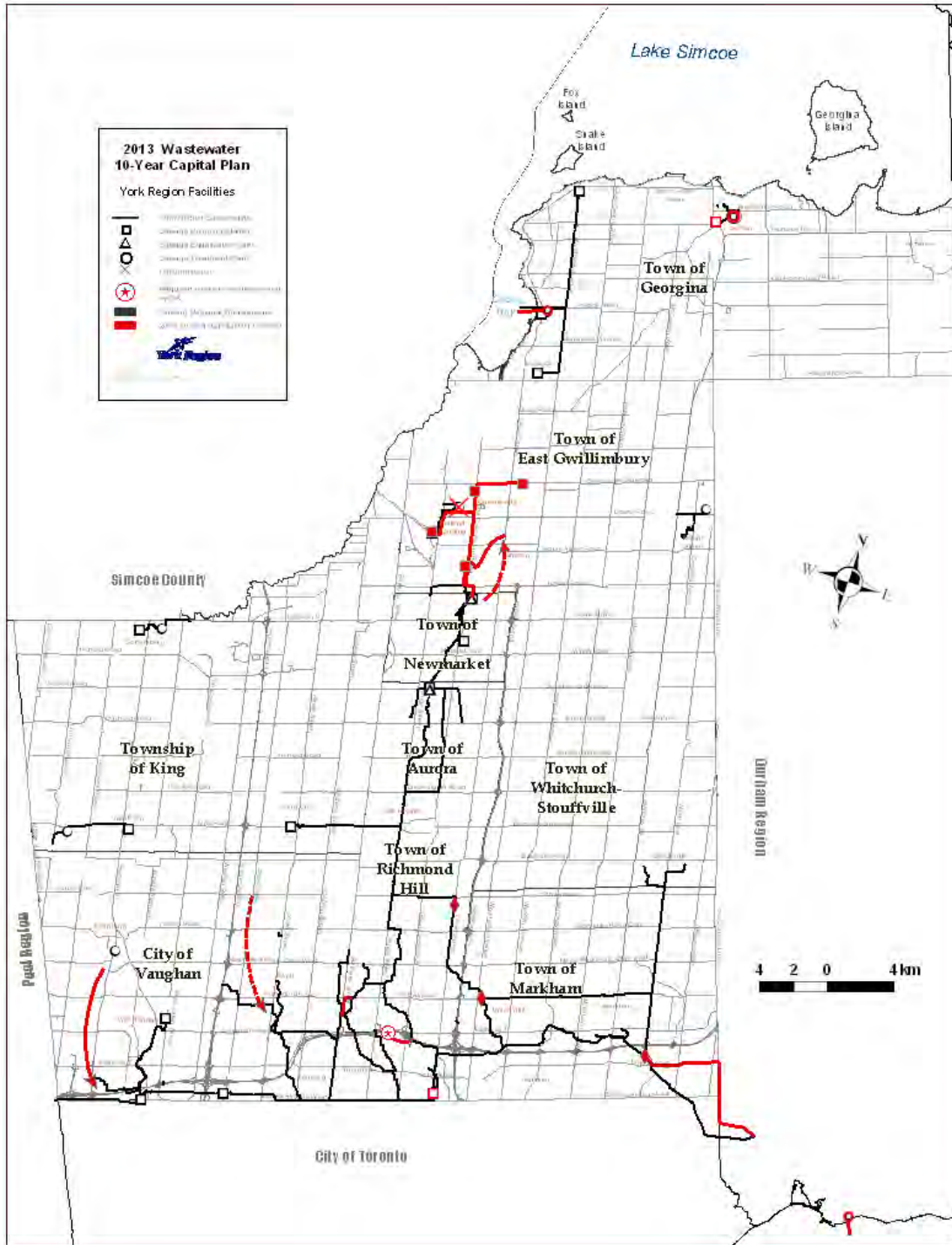
Wastewater expenditures in 2013 total \$319 million of which 53% or \$171 million is for trunk sewers and of this, \$135 million pertains to the Southeast Collector Sewer. Expansion and upgrades to the Duffin Creek Water Pollution Control Plant account for \$89 million or 28% of 2013 expenditures. Treatment work in communities outside the York Durham Sewage System service area, including expansion of Keswick Water Pollution Control Plant in Georgina represents \$15 million or 5% of 2013 expenditures. Other expenditures, including Leslie Street Pumping Station expansion, Inflow and Infiltration reduction projects and various rehabilitation projects and studies, make up the remaining 14% or \$44 million of 2013 expenditures.

## 2013 Budget – Sources of Funding



The 2013 wastewater capital expenditures of over \$319 million, or 13% of the ten year plan, will be primarily funded through debentures (\$278 million or 87%), pre-paid development charges (\$22 million or 7%), rates (\$6.0 million or 2%) and third party recovery (\$13 million or 4%).

**Capital Project Map**



**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
75570	Existing Odour Control Facility (OCF) Modification Work	1,290	797	5	-	-	-	-	-	-	-	-	-	-	13,119
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,888	49	200	200	738	1,476	32,029	14,760	46,051	13,284	-	-	-	112,075
78520	Wastewater General	1,895	11,303	9,171	8,600	-	-	-	-	-	-	-	-	-	39,640
78531	Pumping Wastewater	6,889	3,912	6,070	2,340	2,660	900	2,150	3,050	5,400	9,000	-	-	-	70,268
78532	Equalization Tank	-	-	-	-	-	-	-	-	-	200	-	-	-	200
78533	Wastewater Treatment	831	2,046	-	400	1,600	-	-	-	400	1,600	-	-	-	13,887
78534	Meter Chamber Wastewater	93	57	2,100	1,050	-	-	-	-	100	800	-	-	-	4,720
78536	Trunk Sewer	669	6,318	9,203	10,000	10,000	30,000	26,991	20,261	10,517	10,205	-	-	-	156,955
78537	Trunk Foremain	286	-	200	1,000	800	200	800	1,000	-	1,000	-	-	-	5,286
78538	Odour Control	2,042	-	500	-	-	-	500	-	-	-	-	-	-	3,042
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	-	49	1,493	1,887	635	229	-	-	-	-	-	-	-	7,103
78573	Technology Integration Wastewater	-	400	400	400	200	200	100	100	100	100	-	-	-	2,760
78574	Technology Development & Implementation Wastewater	265	450	500	500	400	400	500	300	300	300	-	-	-	6,730
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	38,498	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	1,900	-	-	-	59,398
<b>Sub Total Rehabilitation/Replacement</b>		<b>55,646</b>	<b>27,281</b>	<b>30,692</b>	<b>27,227</b>	<b>18,933</b>	<b>35,305</b>	<b>64,970</b>	<b>41,371</b>	<b>64,768</b>	<b>38,389</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>495,183</b>
<b>Growth/Expansion</b>															
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	1,403	12,663	34,239	-	-	-	-	-	-	-	-	-	-	150,367
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	51,032	11,602	-	-	-	-	-	-	-	-	-	-	-	96,275
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	772	832	34,750	44,740	30,060	-	-	-	-	-	-	-	-	158,794
72410	Temp Flow Control System on YDSS	2,382	30	-	-	-	-	-	-	-	-	-	-	-	2,882
72530	Duffin Creek Stage 1 & 2 Upgrades	6,716	10,404	71,190	37,870	36,697	-	-	-	-	-	-	-	-	266,999
72550	High Street Pump Station Expansion	-	-	-	-	-	105	52	607	1,210	-	-	-	-	1,974
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	538,242	34,858	8,600	-	-	-	-	-	-	-	-	-	-	631,958



**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason-Woodbine)	95,160	3,070	1,589	770	140	-	-	-	-	-	-	-	-	-	100,729
74040	York Durham Sewage System (YDSS) Southeast Collector	162,478	110,000	135,000	85,272	46,969	19,490	4,281	-	-	-	-	-	-	-	563,490
74270	Upper York Sewage Solutions (Pre-Construction)	8,550	12,249	6,679	25,618	20,225	111,656	141,044	95,502	76,348	12,000	-	-	-	-	509,871
75300	West Vaughan Sewage Servicing (Pre-Construction)	1,279	1,293	420	5,922	12,250	94,750	93,100	-	-	-	-	-	-	-	209,014
75310	East Vaughan Trunk Sewer	-	10	65	1,300	635	2,180	3,180	30,430	32,250	31,200	5,050	-	-	-	106,300
75320	Primary Trunk Sewer Study (Pre-Construction)	17	18	-	-	10	555	565	4,130	4,130	1,540	4,120	4,620	179,360	-	199,065
75330	Green Lane Sewer Diversion	23	104	23	3,284	-	-	-	-	-	-	-	-	-	-	3,434
75340	East Queensville Pumping Station (PS) and Forcemain	-	-	-	-	-	-	640	800	2,104	6,920	5,536	-	-	-	16,000
75350	Sharon Trunk Sewer	2	416	47	-	-	-	6,734	3,840	-	-	-	-	-	-	11,039
75360	Newmarket Pumping Station (PS) Forcemain	-	-	-	-	-	160	299	3,683	15,174	15,174	15,511	-	-	-	50,001
75370	Bogart Creek Pumping Station (PS) Service Area Diversion	-	-	-	-	-	431	669	3,311	15,608	15,608	7,373	-	-	-	43,000
75650	Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	-	108	170	554	-	-	309	1,359	12,487	12,487	-	-	-	-	27,474
75760	North Don Relief Sewer	-	225	4,500	12,484	-	-	-	-	-	-	-	-	-	-	17,209
75770	Leslie St PS Forcemain	-	-	-	-	-	-	-	-	-	-	-	156	7,606	-	7,762
75780	Duffin Creek Lab Expansion	-	-	-	-	-	-	-	325	6,175	-	-	-	-	-	6,500
77090	York Durham Sewage System (YDSS) Langstaff Trunk	37,837	541	-	-	180	-	-	-	-	-	-	-	-	-	38,558
77310	West Rainbow Trunk Sewer	12,415	86	245	1,105	-	-	-	-	-	-	-	-	-	-	13,851
79570	Sutton Water Pollution Control Plant (WPCP) Expansion	8,959	-	-	-	-	650	1,650	5,100	19,150	10,150	3,968	-	-	-	49,627
79740	Peel System Cost Shared Works	48,766	1,355	2,300	2,500	4,240	5,257	7,557	6,840	7,170	5,898	2,555	-	11,688	-	106,126
79890	York Durham Sewage System (YDSS)-Leslie Pumping Station (PS) Upgrade	4,142	500	8,000	11,641	6,478	-	-	-	-	-	-	-	-	-	30,761
<b>Sub Total Growth/Expansion</b>		<b>980,175</b>	<b>200,364</b>	<b>285,510</b>	<b>326,031</b>	<b>231,306</b>	<b>317,739</b>	<b>341,465</b>	<b>185,485</b>	<b>190,648</b>	<b>111,584</b>	<b>45,323</b>	<b>4,776</b>	<b>198,654</b>	<b>3,419,060</b>	
<b>Total Tangible Capital Assets</b>		<b>1,035,821</b>	<b>227,645</b>	<b>312,336</b>	<b>389,806</b>	<b>261,998</b>	<b>344,966</b>	<b>360,398</b>	<b>220,790</b>	<b>255,618</b>	<b>152,955</b>	<b>110,091</b>	<b>43,165</b>	<b>198,654</b>	<b>3,914,243</b>	
<b>Non-Tangible Capital Assets</b>																
<b>Rehabilitation/Replacement</b>																
78582	Wastewater Asset Management	-	532	1,125	1,135	1,130	1,050	915	675	325	1,085	1,025	850	-	-	9,847
78584	Duffin Creek WPCP Assets	-	200	300	400	330	280	310	420	380	295	480	310	-	-	3,705
79580	Sanitary Sewer Inspection Program	895	-	350	-	-	-	-	-	-	-	-	-	-	-	1,245

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>Sub Total Rehabilitation/Replacement</b>		895	732	1,775	1,535	1,460	1,330	1,225	1,095	705	1,380	1,505	1,160	-	14,797
<b>Growth/Expansion</b>															
71230	Holland Landing Lagoons Decommissioning	14	-	-	-	-	-	-	-	-	-	243	-	-	257
73640	Inflow & Infiltration Reduction	6,287	7,572	3,000	8,086	5,833	2,700	2,700	2,700	2,700	2,700	2,700	2,700	-	49,678
75640	Wastewater System Capacity Studies	-	-	30	30	30	30	30	30	30	30	30	30	-	300
79100	YDSS Wastewater Master Plan Update	1,496	-	50	400	400	100	-	50	400	400	100	-	-	3,396
<b>Sub Total Growth/Expansion</b>		7,797	7,572	3,080	8,516	6,263	2,830	2,730	2,780	3,130	3,130	3,073	2,730	-	53,631
<b>Enhancement/Improvement</b>															
75380	Wastewater Model Calibration	178	38	100	100	-	100	-	-	100	100	-	100	100	1,016
79470	Wastewater Conservation Authority (CA) Joint Initiative	8,583	1,618	1,251	1,299	1,455	1,516	1,546	1,577	1,609	1,641	1,674	1,707	-	25,476
<b>Sub Total Enhancement/Improvement</b>		8,761	1,656	1,351	1,399	1,455	1,616	1,646	1,577	1,709	1,741	1,674	1,807	100	26,492
Total Non-Tangible Capital Assets		17,453	9,960	6,206	11,450	9,178	5,776	5,601	5,452	5,544	6,251	6,252	5,697	100	94,920
<b>TOTAL GROSS EXPENDITURES</b>		1,053,274	237,605	318,542	401,256	271,176	350,742	365,999	226,242	261,162	159,206	116,343	48,862	198,754	4,009,163

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>FINANCING SOURCES</b>															
<b>Regional</b>															
Development Charges	28,311	225	50	400	400	100	-	50	400	400	100	156	7,606	38,198	
Development Charges Committed	20,536	-	-	-	-	-	-	-	-	-	-	-	-	20,536	
Developer Up-Front Financing	34,725	13,079	21,649	66,460	20,239	-	-	-	-	-	243	-	-	156,395	
Other Revenues	10	-	-	-	-	-	-	-	-	-	-	-	-	10	
Reserve: Capital Replacement	41,333	19,437	-	-	-	-	-	-	-	-	-	-	-	60,770	
Committed Non Growth User Rate	12,131	747	-	-	-	-	-	-	-	-	-	-	-	12,878	
Contribution from Operating	18,832	10,000	6,074	14,215	8,243	13,016	14,046	31,777	29,759	17,741	7,174	10,407	100	181,384	
Rate (Fees and Charges)	5,412	-	-	-	-	-	-	-	-	-	-	-	-	5,412	
<b>Sub Total Regional</b>	<b>161,290</b>	<b>43,488</b>	<b>27,773</b>	<b>81,075</b>	<b>28,882</b>	<b>13,116</b>	<b>14,046</b>	<b>31,827</b>	<b>30,159</b>	<b>18,141</b>	<b>7,517</b>	<b>10,563</b>	<b>7,706</b>	<b>475,583</b>	
<b>External</b>															
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	-	-	-	29,767	
Other Recoveries	107,031	2,081	12,743	14,328	17,714	12,104	11,870	3,419	413	154	412	462	17,935	200,666	
<b>Sub Total External</b>	<b>136,798</b>	<b>2,081</b>	<b>12,743</b>	<b>14,328</b>	<b>17,714</b>	<b>12,104</b>	<b>11,870</b>	<b>3,419</b>	<b>413</b>	<b>154</b>	<b>412</b>	<b>462</b>	<b>17,935</b>	<b>230,433</b>	
TOTAL AVAILABLE FINANCING	298,088	45,569	40,516	95,403	46,596	25,220	25,916	35,246	30,572	18,295	7,929	11,025	25,641	706,016	
TOTAL DEBENTURE REQUIREMENTS	755,186	192,036	278,026	305,853	224,580	325,522	340,083	190,996	230,590	140,911	108,414	37,837	173,113	3,303,147	
TOTAL FINANCING SOURCES	1,053,274	237,605	318,542	401,256	271,176	350,742	365,999	226,242	261,162	159,206	116,343	48,862	198,754	4,009,163	
<b>DEBENTURE REPAYMENT SOURCES</b>															
Debt Proceeds	755,186	-	-	-	-	-	-	-	-	-	-	-	-	755,186	
Debt Proceeds DC	-	185,608	238,002	229,951	175,861	295,941	320,286	184,796	192,965	114,160	47,641	6,888	173,113	2,165,212	
Debt Proceeds User Rate	-	6,428	40,024	75,902	48,719	29,581	19,797	6,200	37,625	26,751	60,773	30,949	-	382,749	
TOTAL DEBENTURE REQUIREMENTS	755,186	192,036	278,026	305,853	224,580	325,522	340,083	190,996	230,590	140,911	108,414	37,837	173,113	3,303,147	

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Financing Sources by Project 2013 - 2022  
(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
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	136,301	-	-	28,000	-	-	-	108,301
71230	Holland Landing Lagoons Decommissioning	243	-	-	-	-	-	-	243
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	33,641	-	-	33,641	-	-	-	-
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	157,190	-	-	141,539	-	-	-	15,651
72410	Temp Flow Control System on YDSS	470	-	-	470	-	-	-	-
72530	Duffin Creek Stage 1 & 2 Upgrades	249,879	-	-	199,903	-	-	-	49,976
72550	High Street Pump Station Expansion	1,974	-	-	1,974	-	-	-	-
73640	Inflow & Infiltration Reduction	35,819	-	-	35,819	-	-	-	-
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	58,858	-	-	52,834	-	-	-	6,024
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason-Woodbine)	2,499	-	-	2,499	-	-	-	-
74040	York Durham Sewage System (YDSS) Southeast Collector	291,012	-	-	291,012	-	-	-	-
74270	Upper York Sewage Solutions (Pre-Construction)	489,072	-	-	489,072	-	-	-	-
75300	West Vaughan Sewage Servicing (Pre-Construction)	206,442	-	-	206,442	-	-	-	-
75310	East Vaughan Trunk Sewer	106,290	-	-	106,290	-	-	-	-
75320	Primary Trunk Sewer Study (Pre-Construction)	19,670	-	-	17,702	-	-	-	1,968
75330	Green Lane Sewer Diversion	3,307	-	-	3,307	-	-	-	-
75340	East Queensville Pumping Station (PS) and Force-main	16,000	-	-	16,000	-	-	-	-
75350	Sharon Trunk Sewer	10,621	-	-	10,574	-	-	-	47
75360	Newmarket Pumping Station (PS) Force-main	50,001	-	-	50,001	-	-	-	-
75370	Bogart Creek Pumping Station (PS) Service Area Diversion	43,000	-	-	43,000	-	-	-	-
75380	Wastewater Model Calibration	700	-	-	-	-	-	700	-
75570	Existing Odour Control Facility (OCF) Modification Work	11,032	-	-	11,032	-	-	-	-
75640	Wastewater System Capacity Studies	300	-	-	300	-	-	-	-
75650	Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	27,366	-	-	27,366	-	-	-	-
75760	North Don Relief Sewer	16,984	-	-	16,984	-	-	-	-
75770	Leslie St PS Force-main	156	-	-	-	156	-	-	-
75780	Duffin Creek Lab Expansion	6,500	-	-	6,500	-	-	-	-

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
10 Year Financing Sources by Project 2013 - 2022  
(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
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	109,138	-	-	109,138	-	-	-	-
77090	York Durham Sewage System (YDSS) Langstaff Trunk	180	-	-	180	-	-	-	-
77310	West Rainbow Trunk Sewer	1,350	-	-	1,350	-	-	-	-
78520	Wastewater General	26,442	-	-	26,442	-	-	-	-
78531	Pumping Wastewater	59,467	-	-	59,467	-	-	-	-
78532	Equalization Tank	200	-	-	-	-	-	200	-
78533	Wastewater Treatment	11,010	-	-	-	-	-	11,010	-
78534	Meter Chamber Wastewater	4,570	-	-	-	-	-	4,570	-
78536	Trunk Sewer	149,968	-	-	35,271	-	-	114,697	-
78537	Trunk Forcemain	5,000	-	-	-	-	-	5,000	-
78538	Odour Control	1,000	-	-	-	-	-	1,000	-
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	7,054	-	-	7,054	-	-	-	-
78573	Technology Integration Wastewater	2,360	-	-	2,360	-	-	-	-
78574	Technology Development & Implementation Wastewater	6,015	-	-	6,015	-	-	-	-
78582	Wastewater Asset Management	9,315	-	-	9,315	-	-	-	-
78584	Duffin Creek WPCP Assets	3,505	-	-	3,505	-	-	-	-
79100	YDSS Wastewater Master Plan Update	1,900	-	-	-	1,900	-	-	-
79470	Wastewater Conservation Authority (CA) Joint Initiative	15,275	-	-	-	-	-	15,275	-
79570	Sutton Water Pollution Control Plant (WPCP) Expansion	40,668	-	-	40,668	-	-	-	-
79580	Sanitary Sewer Inspection Program	350	-	-	350	-	-	-	-
79740	Peel System Cost Shared Works	44,317	-	-	44,317	-	-	-	-
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	19,000	-	-	19,000	-	-	-	-
79890	York Durham Sewage System (YDSS)-Leslie Pumping Station (PS) Upgrade	26,119	-	-	26,119	-	-	-	-
<b>Total Rate Supported</b>		<b>2,519,530</b>	<b>-</b>	<b>-</b>	<b>2,182,812</b>	<b>2,056</b>	<b>-</b>	<b>152,452</b>	<b>182,210</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
75570	Existing Odour Control Facility (OCF) Modification Work	1,290	797	7,292	3,735	5	-	-	-	11,032	13,119
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	2,888	49	200	200	200	200	738	-	1,538	4,475
78520	Wastewater General	1,895	11,303	2,771	5,900	1,071	500	-	-	10,242	23,440
78531	Pumping Wastewater	6,889	3,912	6,320	15,407	4,770	-	-	-	26,497	37,298
78533	Wastewater Treatment	831	2,046	797	6,213	-	-	-	-	7,010	9,887
78534	Meter Chamber Wastewater	93	57	520	100	50	-	-	-	670	820
78536	Trunk Sewer	669	6,318	4,391	4,500	665	-	-	-	9,556	16,543
78537	Trunk Forcemain	286	-	-	-	-	-	-	-	-	286
78538	Odour Control	2,042	-	-	-	-	-	-	-	-	2,042
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	-	49	660	2,150	959	-	-	-	3,769	3,818
78573	Technology Integration Wastewater	-	400	360	-	-	-	-	-	360	760
78574	Technology Development & Implementation Wastewater	265	450	1,615	-	-	-	-	-	1,615	2,330
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	38,498	1,900	1,900	-	-	-	-	-	1,900	42,298
<b>Sub Total Rehabilitation/Replacement</b>		<b>55,646</b>	<b>27,281</b>	<b>26,826</b>	<b>38,205</b>	<b>7,720</b>	<b>700</b>	<b>738</b>	<b>-</b>	<b>74,189</b>	<b>157,116</b>
<b>Growth/Expansion</b>											
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	1,403	12,663	21,602	80,460	34,239	-	-	-	136,301	150,367
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	51,032	11,602	15,435	18,206	-	-	-	-	33,641	96,275
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	772	832	768	2,132	7,190	-	-	-	10,090	11,694
72410	Temp Flow Control System on YDSS	2,382	30	470	-	-	-	-	-	470	2,882
72530	Duffin Creek Stage 1 & 2 Upgrades	6,716	10,404	37,939	66,183	71,190	37,870	36,697	-	249,879	266,999
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	538,242	34,858	50,258	8,600	-	-	-	-	58,858	631,958
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason-Woodbine)	95,160	3,070	1,589	770	140	-	-	-	2,499	100,729
74040	York Durham Sewage System (YDSS) Southeast Collector	162,478	110,000	135,000	85,272	46,969	19,490	4,281	-	291,012	563,490
74270	Upper York Sewage Solutions (Pre-Construction)	8,550	12,249	6,679	25,618	20,225	12,775	-	-	66,297	86,096

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
(In \$000's)											
75300	West Vaughan Sewage Servicing (Pre-Construction)	1,279	1,293	420	5,922	7,250	4,750	3,100	-	21,442	24,014
75310	East Vaughan Trunk Sewer	-	10	65	1,300	635	-	-	-	2,000	2,010
75320	Primary Trunk Sewer Study (Pre-Construction)	17	18	-	-	-	-	-	-	-	35
75330	Green Lane Sewer Diversion	23	104	23	3,284	-	-	-	-	3,307	3,434
75350	Sharon Trunk Sewer	2	416	47	-	-	-	-	-	47	465
75650	Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	-	108	170	554	-	-	-	-	724	832
75760	North Don Relief Sewer	-	225	4,500	12,484	-	-	-	-	16,984	17,209
77090	York Durham Sewage System (YDSS) Langstaff Trunk	37,837	541	-	-	-	-	-	-	-	38,378
77310	West Rainbow Trunk Sewer	12,415	86	245	1,105	-	-	-	-	1,350	13,851
79570	Sutton Water Pollution Control Plant (WPCP) Expansion	8,959	-	-	-	-	-	-	-	-	8,959
79740	Peel System Cost Shared Works	48,766	1,355	2,300	2,500	2,308	1,583	999	1,323	11,013	61,134
79890	York Durham Sewage System (YDSS)-Leslie Pumping Station (PS) Upgrade	4,142	500	8,000	11,641	6,478	-	-	-	26,119	30,761
<b>Sub Total Growth/Expansion</b>		<b>980,175</b>	<b>200,364</b>	<b>285,510</b>	<b>326,031</b>	<b>196,624</b>	<b>76,468</b>	<b>45,077</b>	<b>1,323</b>	<b>931,033</b>	<b>2,111,572</b>
<b>Total Tangible Capital Assets</b>		<b>1,035,821</b>	<b>227,645</b>	<b>312,336</b>	<b>364,236</b>	<b>204,344</b>	<b>77,168</b>	<b>45,815</b>	<b>1,323</b>	<b>1,005,222</b>	<b>2,268,688</b>
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
78582	Wastewater Asset Management	-	532	1,125	-	-	-	-	-	1,125	1,657
78584	Duffin Creek WPCP Assets	-	200	300	-	-	-	-	-	300	500
79580	Sanitary Sewer Inspection Program	895	-	350	-	-	-	-	-	350	1,245
<b>Sub Total Rehabilitation/Replacement</b>		<b>895</b>	<b>732</b>	<b>1,775</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,775</b>	<b>3,402</b>
<b>Growth/Expansion</b>											
71230	Holland Landing Lagoons Decommissioning	14	-	-	-	-	-	-	-	-	14
73640	Inflow & Infiltration Reduction	6,287	7,572	3,000	2,086	1,833	1,000	-	-	7,919	21,778
75640	Wastewater System Capacity Studies	-	-	30	-	-	-	-	-	30	30
79100	YDSS Wastewater Master Plan Update	1,496	-	50	400	400	100	-	-	950	2,446
<b>Sub Total Growth/Expansion</b>		<b>7,797</b>	<b>7,572</b>	<b>3,080</b>	<b>2,486</b>	<b>2,233</b>	<b>1,100</b>	<b>-</b>	<b>-</b>	<b>8,899</b>	<b>24,268</b>
<b>Enhancement/Improvement</b>											
75380	Wastewater Model Calibration	178	38	100	100	-	-	-	-	200	416
79470	Wastewater Conservation Authority (CA) Joint Initiative	8,583	1,618	1,251	-	-	-	-	-	1,251	11,452
<b>Sub Total Enhancement/Improvement</b>		<b>8,761</b>	<b>1,656</b>	<b>1,351</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,451</b>	<b>11,868</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
	Total Non-Tangible Capital Assets	17,453	9,960	6,206	2,586	2,233	1,100	-	-	12,125	39,538
	TOTAL GROSS EXPENDITURES	1,053,274	237,605	318,542	366,822	206,577	78,268	45,815	1,323	1,017,347	2,308,226



**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Development Charges	28,311	225	50	400	400	100	-	-	950	29,486
Development Charges Committed	20,536	-	-	-	-	-	-	-	-	20,536
Developer Up-Front Financing	34,725	13,079	21,649	66,460	20,239	-	-	-	108,348	156,152
Other Revenues	10	-	-	-	-	-	-	-	-	10
Reserve: Capital Replacement	41,333	19,437	-	-	-	-	-	-	-	60,770
Committed Non Growth User Rate	12,131	747	-	-	-	-	-	-	-	12,878
Contribution from Operating	18,832	10,000	6,074	10,388	550	-	-	-	17,012	45,844
Rate (Fees and Charges)	5,412	-	-	-	-	-	-	-	-	5,412
<b>Sub Total Regional</b>	<b>161,290</b>	<b>43,488</b>	<b>27,773</b>	<b>77,248</b>	<b>21,189</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>126,310</b>	<b>331,088</b>
<b>External</b>										
Provincial Funding	29,767	-	-	-	-	-	-	-	-	29,767
Other Recoveries	107,031	2,081	12,743	14,328	14,957	7,574	7,339	-	56,941	166,053
<b>Sub Total External</b>	<b>136,798</b>	<b>2,081</b>	<b>12,743</b>	<b>14,328</b>	<b>14,957</b>	<b>7,574</b>	<b>7,339</b>	<b>-</b>	<b>56,941</b>	<b>195,820</b>
TOTAL AVAILABLE FINANCING	298,088	45,569	40,516	91,576	36,146	7,674	7,339	-	183,251	526,908
TOTAL DEBENTURE REQUIREMENTS	755,186	192,036	278,026	275,246	170,431	70,594	38,476	1,323	834,096	1,781,318
TOTAL FINANCING SOURCES	1,053,274	237,605	318,542	366,822	206,577	78,268	45,815	1,323	1,017,347	2,308,226
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds	755,186	-	-	-	-	-	-	-	-	755,186
Debtenture Proceeds DC	-	185,608	238,002	223,921	139,906	57,470	25,699	1,323	686,321	871,929
Debtenture Proceeds User Rate	-	6,428	40,024	51,325	30,525	13,124	12,777	-	147,775	154,203
Total Debtenture Requirements	755,186	192,036	278,026	275,246	170,431	70,594	38,476	1,323	834,096	1,781,318

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2013 Capital Spending Authority Financing Sources by Project  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
71220	Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	136,301	-	-	28,000	-	-	-	108,301
72240	Keswick Water Pollution Control Plant (WPCP) Expansion	33,641	-	-	33,641	-	-	-	-
72360	Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	10,090	-	-	9,149	-	-	-	941
72410	Temp Flow Control System on YDSS	470	-	-	470	-	-	-	-
72530	Duffin Creek Stage 1 & 2 Upgrades	249,879	-	-	199,903	-	-	-	49,976
73640	Inflow & Infiltration Reduction	7,919	-	-	7,919	-	-	-	-
73720	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	58,858	-	-	52,834	-	-	-	6,024
74030	~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason-Woodbine)	2,499	-	-	2,499	-	-	-	-
74040	York Durham Sewage System (YDSS) Southeast Collector	291,012	-	-	291,012	-	-	-	-
74270	Upper York Sewage Solutions (Pre-Construction)	65,297	-	-	65,297	-	-	-	-
75300	West Vaughan Sewage Servicing (Pre-Construction)	21,442	-	-	21,442	-	-	-	-
75310	East Vaughan Trunk Sewer	2,000	-	-	2,000	-	-	-	-
75330	Green Lane Sewer Diversion	3,307	-	-	3,307	-	-	-	-
75350	Sharon Trunk Sewer	47	-	-	-	-	-	-	47
75380	Wastewater Model Calibration	200	-	-	-	-	-	200	-
75570	Existing Odour Control Facility (OCF) Modification Work	11,032	-	-	11,032	-	-	-	-
75640	Wastewater System Capacity Studies	30	-	-	30	-	-	-	-
75650	Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	724	-	-	724	-	-	-	-
75760	North Don Relief Sewer	16,984	-	-	16,984	-	-	-	-
76340	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) Upgrade	1,538	-	-	1,538	-	-	-	-
77310	West Rainbow Trunk Sewer	1,350	-	-	1,350	-	-	-	-
78520	Wastewater General	10,242	-	-	10,242	-	-	-	-
78531	Pumping Wastewater	26,497	-	-	26,497	-	-	-	-
78533	Wastewater Treatment	7,010	-	-	-	-	-	7,010	-
78534	Meter Chamber Wastewater	670	-	-	-	-	-	670	-
78536	Trunk Sewer	9,556	-	-	1,675	-	-	7,881	-

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2013 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
78550	Supervisory Control and Data Acquisition (SCADA) Communication Network Wastewater	3,769	-	-	3,769	-	-	-	-
78573	Technology Integration Wastewater	360	-	-	360	-	-	-	-
78574	Technology Development & Implementation Wastewater	1,615	-	-	1,615	-	-	-	-
78582	Wastewater Asset Management	1,125	-	-	1,125	-	-	-	-
78584	Duffin Creek WPCP Assets	300	-	-	300	-	-	-	-
79100	YDSS Wastewater Master Plan Update	950	-	-	-	950	-	-	-
79470	Wastewater Conservation Authority (CA) Joint Initiative	1,251	-	-	-	-	-	1,251	-
79580	Sanitary Sewer Inspection Program	350	-	-	350	-	-	-	-
79740	Peel System Cost Shared Works	11,013	-	-	11,013	-	-	-	-
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	1,900	-	-	1,900	-	-	-	-
79890	York Durham Sewage System (YDSS)-Leslie Pumping Station (PS) Upgrade	26,119	-	-	26,119	-	-	-	-
<b>Total Rate Supported</b>		<b>1,017,347</b>	<b>-</b>	<b>-</b>	<b>834,096</b>	<b>950</b>	<b>-</b>	<b>17,012</b>	<b>165,289</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022				
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
73640	Inflow & Infiltration Reduction	6,000	4,000	-	-	-	-	-	-	-	-	-	-	10,000
75640	Wastewater System Capacity Studies	30	-	-	-	-	-	-	-	-	-	-	-	30
78531	Pumping Wastewater	6,170	-	-	-	-	-	-	-	-	-	-	-	6,170
78534	Meter Chamber Wastewater	2,000	1,000	-	-	-	-	-	-	-	-	-	-	3,000
78536	Trunk Sewer	13,900	4,000	-	-	-	-	-	-	-	-	-	-	17,900
78573	Technology Integration Wastewater	400	-	-	-	-	-	-	-	-	-	-	-	400
78574	Technology Development & Implementation Wastewater	1,200	-	-	-	-	-	-	-	-	-	-	-	1,200
78582	Wastewater Asset Management	1,135	-	-	-	-	-	-	-	-	-	-	-	1,135
78584	Duffin Creek WPCP Assets	400	-	-	-	-	-	-	-	-	-	-	-	400
79470	Wastewater Conservation Authority (CA) Joint Initiative	1,299	-	-	-	-	-	-	-	-	-	-	-	1,299
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital Authority	1,900	-	-	-	-	-	-	-	-	-	-	-	1,900
	<b>Total 2014 Incremental Capital Spending Authority</b>	<b>34,434</b>	<b>9,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,434</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
	<b>2013 Capital Spending Authority</b>	<b>366,822</b>	<b>206,577</b>	<b>78,268</b>	<b>45,815</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>698,805</b>
	<b>Incremental 2014 Capital Spending Authority</b>	<b>34,434</b>	<b>9,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,434</b>
	<b>Proposed 2014 Cumulative Capital Spending Authority</b>	<b>401,256</b>	<b>215,577</b>	<b>78,268</b>	<b>45,815</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>742,239</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Contribution from Operating	3,827	1,000	-	-	-	-	-	-	-	-	4,827
<b>Sub Total Regional</b>	<b>3,827</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,827</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>3,827</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,827</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>30,607</b>	<b>8,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,607</b>
<b>TOTAL FINANCING SOURCES</b>	<b>34,434</b>	<b>9,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43,434</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debtenture Proceeds DC	6,030	4,000	-	-	-	-	-	-	-	-	10,030
Debtenture Proceeds User Rate	24,577	4,000	-	-	-	-	-	-	-	-	28,577
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>30,607</b>	<b>8,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>38,607</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2014 Incremental Capital Spending Authority Financing Sources by Project  
(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
73640	Inflow & Infiltration Reduction	10,000	-	-	10,000	-	-	-	-
75640	Wastewater System Capacity Studies	30	-	-	30	-	-	-	-
78531	Pumping Wastewater	6,170	-	-	6,170	-	-	-	-
78534	Meter Chamber Wastewater	3,000	-	-	-	-	-	3,000	-
78536	Trunk Sewer	17,900	-	-	17,972	-	-	528	-
78573	Technology Integration Wastewater	400	-	-	400	-	-	-	-
78574	Technology Development & Implementation Wastewater	1,200	-	-	1,200	-	-	-	-
78582	Wastewater Asset Management	1,135	-	-	1,135	-	-	-	-
78584	Duffin Creek WPCP Assets	400	-	-	400	-	-	-	-
79470	Wastewater Conservation Authority (CA) Joint Initiative	1,299	-	-	-	-	-	1,299	-
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	1,900	-	-	1,900	-	-	-	-
<b>Total Rate Supported</b>		<b>43,434</b>	<b>-</b>	<b>-</b>	<b>38,607</b>	<b>-</b>	<b>-</b>	<b>4,827</b>	<b>-</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Wastewater**  
**2013 Capital Spending Authority by Program**

		Actual Spent to Dec 31/2011	2012 Year end Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(in \$000's)													
<b>Wastewater - Rehabilitation &amp; Replacement</b>															
<b>Expenditures</b>															
75380	Wastewater Model Calibration	178	38	100	100	-	-	-	-	-	-	-	-	-	200
75570	Existing Odour Control Facility (OCF) Modification Work	1,290	797	7,292	3,735	5	-	-	-	-	-	-	-	-	11,032
	York Durham Sewage System (YDSS) Duffin Creek Water Pollution Control Plant (WPCP)														
76340	Upgrade	2,888	49	200	200	200	200	738	-	-	-	-	-	-	1,538
78520	Wastewater General	1,895	11,303	2,771	5,900	1,071	500	-	-	-	-	-	-	-	10,242
78531	Pumping Wastewater	6,889	3,912	6,320	15,407	4,770	-	-	-	-	-	-	-	-	26,497
78533	Wastewater Treatment	831	2,046	797	6,213	-	-	-	-	-	-	-	-	-	7,010
78534	Meter Chamber Wastewater	93	57	520	100	50	-	-	-	-	-	-	-	-	670
78536	Trunk Sewer	669	6,318	4,391	4,500	665	-	-	-	-	-	-	-	-	9,556
	Supervisory Control and Data Acquisition (SCADA)														
	Communication Network														
78550	Wastewater	-	49	660	2,150	959	-	-	-	-	-	-	-	-	3,769
78573	Wastewater	-	400	360	-	-	-	-	-	-	-	-	-	-	360
78574	Technology Development & Implementation Wastewater	265	450	1,615	-	-	-	-	-	-	-	-	-	-	1,615
78582	Wastewater Asset Management	-	532	1,125	-	-	-	-	-	-	-	-	-	-	1,125
78584	Duffin Creek WPCP Assets	-	200	300	-	-	-	-	-	-	-	-	-	-	300
79470	Wastewater Conservation Authority (CA) Joint Initiative	8,583	1,618	1,251	-	-	-	-	-	-	-	-	-	-	1,251
79580	Sanitary Sewer Inspection Program	895	-	350	-	-	-	-	-	-	-	-	-	-	350
79850	York Durham Sewage System (YDSS) Duffin Creek Minor Capital	38,498	1,900	1,900	-	-	-	-	-	-	-	-	-	-	1,900
<b>Total Expenditures</b>		<b>62,974</b>	<b>29,669</b>	<b>29,952</b>	<b>38,305</b>	<b>7,720</b>	<b>700</b>	<b>738</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>77,415</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(in \$000's)							Balance to Complete	Capital Spending Authority				
			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022	
<b>Regional Financing Sources</b>															
Committed Non Growth User Rate	8,055	232	-	-	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	11,360	10,000	6,074	10,388	550	-	-	-	-	-	-	-	-	-	17,012
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Capital Replacement	37,908	19,437	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>62,398</b>	<b>29,669</b>	<b>6,074</b>	<b>10,388</b>	<b>550</b>	-	-	-	-	-	-	-	-	-	<b>17,012</b>
<b>External Financing Sources</b>															
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	572	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>572</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debtenture Financing Sources</b>	<b>4</b>	<b>-</b>	<b>23,878</b>	<b>27,917</b>	<b>7,170</b>	<b>700</b>	<b>738</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,403</b>
<b>Total Financing Sources</b>	<b>62,974</b>	<b>29,669</b>	<b>29,952</b>	<b>38,305</b>	<b>7,720</b>	<b>700</b>	<b>738</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>77,415</b>
<b>Wastewater - Growth</b>															
<b>Expenditures</b>															
Queensville/Holland Landing/Sharon York Durham Sewage System (YDSS) Connection	1,403	12,663	21,602	80,460	34,239	-	-	-	-	-	-	-	-	-	136,301
Keswick Water Pollution Control Plant (WPCP) Expansion	51,032	11,602	15,435	18,206	-	-	-	-	-	-	-	-	-	-	33,641
Duffin Creek Water Pollution Control Plant (WPCP) Outfall / Effluent Strategy	772	832	768	2,132	7,190	-	-	-	-	-	-	-	-	-	10,090
Temp Flow Control System on YDSS	2,382	30	470	-	-	-	-	-	-	-	-	-	-	-	470
Duffin Creek Stage 1 & 2 Upgrades	6,716	10,404	37,939	66,183	71,190	37,870	36,697	-	-	-	-	-	-	-	249,879
Inflow & Infiltration Reduction (YDSS) Duffin Creek Water Pollution Control Plant (WPCP) (Phase 3) Expansion	6,287	7,572	3,000	2,086	1,833	1,000	-	-	-	-	-	-	-	-	7,919
73720	538,242	34,858	50,258	8,600	-	-	-	-	-	-	-	-	-	-	58,858



**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(in \$000's)										Balance to Complete	Capital Spending Authority	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
74030 ~York Durham Sewage System (YDSS) 16th Ave Trunk (Stone Mason-Woodbine)	95,160	3,070	1,589	770	140	-	-	-	-	-	-	-	-	-	2,499
74040 York Durham Sewage System (YDSS) Southeast Collector	162,478	110,000	135,000	85,272	46,969	19,490	4,281	-	-	-	-	-	-	-	291,012
74270 Upper York Sewage Solutions (Pre-Construction)	8,550	12,249	6,679	25,618	20,225	12,775	-	-	-	-	-	-	-	-	65,297
75300 West Vaughan Sewage Servicing (Pre-Construction)	1,279	1,293	420	5,922	7,250	4,750	3,100	-	-	-	-	-	-	-	21,442
75310 East Vaughan Trunk Sewer (Pre-Construction)	-	10	65	1,300	635	-	-	-	-	-	-	-	-	-	2,000
75320 Primary Trunk Sewer Study (Pre Construction)	17	18	-	-	-	-	-	-	-	-	-	-	-	-	-
75330 Green Lane Sewer Diversion	23	104	23	3,284	-	-	-	-	-	-	-	-	-	-	3,307
75350 Sharon Trunk Sewer	2	416	47	-	-	-	-	-	-	-	-	-	-	-	47
75640 Wastewater System Capacity Studies	-	-	30	-	-	-	-	-	-	-	-	-	-	-	30
75650 Wastewater Servicing – Richmond Hill/Langstaff Gateway Provincial Urban Growth and Regional Centre	-	108	170	554	-	-	-	-	-	-	-	-	-	-	724
75760 North Don Relief Sewer	-	225	4,500	12,484	-	-	-	-	-	-	-	-	-	-	16,984
77310 West Rainbow Trunk Sewer YDSS Wastewater Master Plan	12,415	86	245	1,105	-	-	-	-	-	-	-	-	-	-	1,350
79100 Update Peel System Cost Shared	1,496	-	50	400	400	100	-	-	-	-	-	-	-	-	950
79740 Works York Durham Sewage System (YDSS)-Leslie Pumping Station (PS) Upgrade	48,766	1,355	2,300	2,500	2,308	1,583	999	749	554	18	2	-	-	-	11,013
79890	4,142	500	8,000	11,641	6,478	-	-	-	-	-	-	-	-	-	26,119
<b>Total Expenditures</b>	<b>941,162</b>	<b>207,395</b>	<b>288,590</b>	<b>328,517</b>	<b>198,857</b>	<b>77,568</b>	<b>45,077</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>939,932</b>

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(in \$000's)										Balance to Complete	Capital Spending Authority	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>Regional Financing Sources</b>															
Committed Non Growth User Rate	3,582	515	-	-	-	-	-	-	-	-	-	-	-	-	-
Contribution from Operating	2,628	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	27,748	225	50	400	400	100	-	-	-	-	-	-	-	-	950
Development Charges Committed	20,316	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	1,149	13,079	21,649	66,460	20,239	-	-	-	-	-	-	-	-	-	108,348
Other Revenues	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Capital Replacement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>55,433</b>	<b>13,819</b>	<b>21,699</b>	<b>66,960</b>	<b>20,639</b>	<b>100</b>	-	-	-	-	-	-	-	-	<b>109,298</b>
<b>External Financing Sources</b>															
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	29,767	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	106,459	2,081	12,743	14,328	14,957	7,574	7,339	-	-	-	-	-	-	-	56,941
<b>Total External Financing Sources</b>	<b>136,226</b>	<b>2,081</b>	<b>12,743</b>	<b>14,328</b>	<b>14,957</b>	<b>7,574</b>	<b>7,339</b>	-	-	-	-	-	-	-	<b>56,941</b>
<b>Total Debenture Financing Sources</b>	<b>749,503</b>	<b>191,495</b>	<b>254,148</b>	<b>247,329</b>	<b>163,261</b>	<b>69,894</b>	<b>37,738</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	-	-	-	<b>773,693</b>
<b>Total Financing Sources</b>	<b>941,162</b>	<b>207,395</b>	<b>288,590</b>	<b>328,517</b>	<b>198,857</b>	<b>77,568</b>	<b>45,077</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	-	-	-	<b>939,932</b>
<b>Combined Program Financing Sources</b>															
<b>Total Regional Financing Sources</b>	161,290	43,488	27,773	77,248	21,189	100	-	-	-	-	-	-	-	-	126,310
<b>Total External Financing Sources</b>	136,798	2,081	12,743	14,328	14,957	7,574	7,339	-	-	-	-	-	-	-	56,941
<b>Total Debenture Financing Sources</b>	755,186	192,036	278,026	275,246	170,431	70,594	38,476	749	554	18	2	-	-	-	834,096
<b>Total Financing Sources</b>	<b>1,053,274</b>	<b>237,605</b>	<b>318,542</b>	<b>366,822</b>	<b>206,577</b>	<b>78,268</b>	<b>45,815</b>	<b>749</b>	<b>554</b>	<b>18</b>	<b>2</b>	-	-	-	<b>1,017,347</b>
<b>Capital Spending Authority Finance Sources by Program</b>															
<b>Program</b>	Capital Project Total	User Rate	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries								
Wastewater - Rehabilitation & Replacement	77,415	17,012	-	60,403	-	-	-								
Wastewater - Growth	939,932	-	-	773,693	950	-	165,289								
<b>Total Tax Supported</b>	<b>1,017,347</b>	<b>17,012</b>	-	<b>834,096</b>	<b>950</b>	-	<b>165,289</b>								

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
2014 Incremental Capital Spending Authority by Program**

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)										
<b>Wastewater - Rehabilitation &amp; Replacement</b>												
<b>Expenditures</b>												
	Pumping Wastewater	6,170	-	-	-	-	-	-	-	-	-	6,170
78531	Meter Chamber Wastewater	2,000	1,000	-	-	-	-	-	-	-	-	3,000
78534	Trunk Sewer	13,900	4,000	-	-	-	-	-	-	-	-	17,900
78536	Technology Integration Wastewater	400	-	-	-	-	-	-	-	-	-	400
78573	Technology Development & Implementation Wastewater	1,200	-	-	-	-	-	-	-	-	-	1,200
78574	Wastewater Asset Management	1,135	-	-	-	-	-	-	-	-	-	1,135
78582	Duffin Creek WPCP Assets	400	-	-	-	-	-	-	-	-	-	400
78584	Wastewater Conservation Authority (CA)	1,299	-	-	-	-	-	-	-	-	-	1,299
79470	Joint Initiative	1,900	-	-	-	-	-	-	-	-	-	1,900
79850	York Durham Sewage System (YDSS)	1,900	-	-	-	-	-	-	-	-	-	1,900
79850	Duffin Creek Minor Capital	1,900	-	-	-	-	-	-	-	-	-	1,900
	<b>Total Expenditures</b>	<b>28,404</b>	<b>5,000</b>	-	-	-	-	-	-	-	-	<b>33,404</b>
<b>Regional Financing Sources</b>												
	Committed Non Growth User Rate	-	-	-	-	-	-	-	-	-	-	-
	Contribution from Operating	3,827	1,000	-	-	-	-	-	-	-	-	4,827
	Development Charges	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Capital Replacement	-	-	-	-	-	-	-	-	-	-	-
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>3,827</b>	<b>1,000</b>	-	-	-	-	-	-	-	-	<b>4,827</b>
<b>External Financing Sources</b>												
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Debtenture Financing Sources</b>	<b>24,577</b>	<b>4,000</b>	-	-	-	-	-	-	-	-	<b>28,577</b>
	<b>Total Financing Sources</b>	<b>28,404</b>	<b>5,000</b>	-	-	-	-	-	-	-	-	<b>33,404</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Wastewater**  
**2014 Incremental Capital Spending Authority by Program**

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)										
<b>Wastewater - Growth</b>												
<b>Expenditures</b>												
73640	Inflow & Infiltration Reduction	6,000	4,000	-	-	-	-	-	-	-	-	10,000
75640	Wastewater System Capacity Studies	30	-	-	-	-	-	-	-	-	-	30
	<b>Total Expenditures</b>	<b>6,030</b>	<b>4,000</b>									<b>10,030</b>
<b>Regional Financing Sources</b>												
	Committed Non Growth User Rate	-	-	-	-	-	-	-	-	-	-	-
	Contribution from Operating	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Capital Replacement	-	-	-	-	-	-	-	-	-	-	-
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>External Financing Sources</b>												
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Debtenture Financing Sources</b>	<b>6,030</b>	<b>4,000</b>									<b>10,030</b>
	<b>Total Financing Sources</b>	<b>6,030</b>	<b>4,000</b>									<b>10,030</b>
<b>Combined Program Financing Sources</b>												
	<b>Total Regional Financing Sources</b>	3,827	1,000	-	-	-	-	-	-	-	-	4,827
	<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Debtenture Financing Sources</b>	30,607	8,000	-	-	-	-	-	-	-	-	38,607
	<b>Total Financing Sources</b>	<b>34,434</b>	<b>9,000</b>									<b>43,434</b>

2013 Business Plan and Budget  
Environmental Services  
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2014 Incremental Capital Spending Authority by Program

Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	User Rate	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Wastewater - Rehabilitation & Replacement	33,404	4,827	-	28,577	-	-	-		
Wastewater - Growth	10,030	-	-	10,030	-	-	-		
<b>Total Tax Supported</b>	<b>43,434</b>	<b>4,827</b>	<b>-</b>	<b>38,607</b>	<b>-</b>	<b>-</b>	<b>-</b>		

**2013 Business Plan and Budget  
Environmental Services  
Wastewater  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	101	-	202	-	-	1,049	-	-	101	-
Occupancy and R&M Costs	-	-	20	-	-	-	-	-	12	-
Financing Costs	(1,486)	15,613	13,097	10,444	12,030	822	11,567	20,523	10,169	10,120
Contribution to Reserves	360	368	728	760	794	830	868	906	948	990
<b>Total Expenditures</b>	<b>(1,025)</b>	<b>15,981</b>	<b>14,047</b>	<b>11,204</b>	<b>12,824</b>	<b>2,701</b>	<b>12,435</b>	<b>21,429</b>	<b>11,230</b>	<b>11,110</b>
<b>Revenues</b>										
Development Charges	(1,405)	13,248	9,469	8,525	14,603	12,579	11,330	17,088	7,625	5,290
<b>Total Revenues</b>	<b>(1,405)</b>	<b>13,248</b>	<b>9,469</b>	<b>8,525</b>	<b>14,603</b>	<b>12,579</b>	<b>11,330</b>	<b>17,088</b>	<b>7,625</b>	<b>5,290</b>
<b>Total Net Impact on User Rates</b>	<b>380</b>	<b>2,733</b>	<b>4,578</b>	<b>2,679</b>	<b>(1,779)</b>	<b>(9,878)</b>	<b>1,105</b>	<b>4,341</b>	<b>3,605</b>	<b>5,820</b>

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## Capital Strategy

### Diversity is resilience in waste management

York Region, together with its local municipalities and the commitment of its residents, has achieved year over year leadership in waste diversion. In approaching the higher reaches of diversion, more complex and cost intensive capital investments and program components are required to continue to drive incremental diversion.

In order to maintain leadership in diversion, a network of conveniently located waste receiving and processing facilities are required to ensure residents have a variety of waste management options. The Region is moving towards more Regionally owned facilities to balance the current significant use of outsourced facilities. A diversified portfolio of reliable waste management solutions is key to achieving high diversion rates and providing long-term sustainable waste management services in York Region. Development of a 2011 to 2015 Corporate Strategic Plan has identified 'Continue to Deliver and Sustain Critical Infrastructure' as one of the Strategic Priority areas. The Capital Strategy has prioritized capital infrastructure projects to support managed growth, optimize community benefits and leverage capacity in existing infrastructure to complete the build-out of developing communities.

To achieve long-term sustainability, York Region's integrated waste management program encourages:

### York Region's Sustainable Waste Management Hierarchy



1. **Reduction** of packaging and improved handling options to prevent waste generation.
2. **Re-use** of products and materials to maximize their useful life.
3. **Recycling** of materials to reduce consumption of new raw materials.
4. **Recovery** of energy and recyclable materials to minimize reliance on landfills.

The waste management hierarchy emphasizes that primary sustainability benefits result from expending greatest efforts at the top of the hierarchy by preventing waste generation at the source. Through leadership and advocacy efforts with local municipalities, government agencies and stakeholders, York Region is working to shape Provincial waste management policies and to advocate for full extended producer responsibility for products and packaging. York Region also conducts frequent events with re-use partners and has integrated a re-use module into its Community Environmental Centres by partnering with Goodwill and Habitat for Humanity.



## Re-framing the Approach to Waste



Together with its local municipal partners, York Region is developing a road map that will guide waste management for the next 40 years. Also known as the SM4RT LIVING Plan, this plan focuses on shifting beliefs and values, and will include development of new policies and programs that drive waste prevention and reuse, while maximizing recycling, composting, and energy recovery.

The plan will help everyone become more informed and aware of the amount of waste generated and how to best manage waste materials. It will highlight the need for lifestyle changes around the way materials are bought and waste is generated, ultimately providing the basis on which to make more informed decisions that lead toward sustainable living.

Preferred options will be selected using a sustainability framework that examines the economic, environmental and social impact of each alternative.

Phase 1 of the Integrated Waste Management Master Plan includes a comprehensive review of the current baseline, a review of the external environment and development of a list of best practices. Phase 2 focuses on developing a long-term vision and goals and formulating alternatives for meeting the vision and goals. Phase 3 will present the short-term recommendations, as well as a long-term plan for meeting our 40 year vision and goals.



Future infrastructure needs will be evaluated against projected program capture over the next 40 years, with special focus on determining impacts of waste reduction and reuse on future infrastructure needs.

With a 54% Waste Diversion Ontario verified diversion rate in 2011, York Region continues to be a leader in waste diversion through its high participation in the Blue Box and Source Separated Organics programs. Being a leader requires building new paths to drive waste reduction and maximize reuse, recycling and recovery streams to achieve incrementally higher diversion. Environmental Services is well positioned to continue the Region's leadership in waste diversion through proactive planning and comprehensive program delivery.

## 10 Year Plan Overview

The 10 year plan focuses on construction of critical waste management infrastructure resulting in a robust waste management system with a combination of Regional ownership and secure external contracts. This approach is supported by research conducted through the York Region Integrated Waste Management Master Plan.

Implementation of the 10 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, this 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 are:

- Funding requirements are approximately \$177 million
- Almost \$65 million (or 37% of the ten year plan) is for funding of source separated organics facility
- \$30 million (or 17% of the ten year plan) is to increase diversion capacity
- \$20 million (12% of the ten year plan) is for expansion of community environmental centre network to collect municipal hazardous and special waste
- \$8 million (or 5% of the ten year plan) is directed to upgrade waste management facilities
- Major infrastructure to be constructed includes the Durham York Energy Centre, a source separated organics processing facility and renovation of two community environmental centres

## Key Drivers, Pressures and Challenges Impacting the Community

Extended Producer Responsibility programs see the brand owner or first importer of a designated product responsible for end of life management of unused products and/or packaging. Currently, there is uncertainty how this program will impact municipal infrastructure over the long term. Those financially responsible for end of life management do not currently own the infrastructure managing and/or recycling this material and over time this model could shift from municipal ownership to private/commercial ownership. This will significantly impact the maintenance and replacement of municipal waste management infrastructure significantly.

Products and packaging have changed significantly over the last 10 years. Heavier materials such as paper and glass are decreasing and lighter material such as plastics and polycoat packaging are increasing. Over the longer term these changes may affect the performance and efficiency of York Region's blue box processing facility and asset or process modifications may be required to manage these changes.

Population growth, service levels, waste management program components and economic conditions are key factors driving waste management capital plan. Planning for servicing future growth, particularly the long-term trend towards intensification within the urban core will result in a significant increase in multi-residential dwellings. The impacts on capital infrastructure resulting from providing waste management collection and processing services are being considered through the Integrated Waste Management Master Plan and will be addressed in future Capital Plan updates.

## Key Initiatives

### Implementation of the following Waste Management projects and programs:

#### 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, and weigh scales to McCleary Court and Elgin Mills Community Environmental Centres are planned for completion in 2015
- Retrofit of the Georgina Transfer Station into the Warden Avenue Community Environmental Center is planned for 2015 with the goal of improving site functionality and providing a consistent CEC experience throughout the Regional Community Environmental Centre network. Spending authority of \$7.3M is being requested for this project
- Potential need and location of additional Community Environmental Centres capable of handling Municipal Hazardous and Special Waste, electronic waste, residual waste, yard waste, reusable and/or recyclable materials dropped off by residents and/or small businesses is currently being reviewed under the Integrated Waste Management Master Plan with an anticipated facility completion in 2017

#### Source Separated Organics Facility

- In February 2010, York Region and Dufferin County jointly released a Request for Proposal for the design, build and operation of a source separated organics waste processing facility
- In April 2012, the decision was made to cancel the York Dufferin RFP process due to project costs in excess of project capital budget
- In June 2012, the Region submitted an application to Public Private Partnerships Canada (P3 Canada) for funding of a Design, Build, Finance, Operate and Maintain Source Separated Organics Processing Facility. The Region worked with Infrastructure Ontario to develop the required business case that was subsequently submitted in the fall of 2012. P3 Canada will announce successful funding applications by Spring 2013.
- Pending receipt of P3 Canada funding the Region and Dufferin County will proceed to procure a Regionally-owned Source Separated Organics processing facility

#### Waste Management Centre

- Operational experience gained one year following Waste Management Centre upgrades has identified the opportunity for further improvement of the residue conveyor belt scale. This work is planned for completion in 2013.
- Tip floor expansion will be required to accommodate increased processing throughput made possible by 2011 capital upgrades. This work is anticipated to be initiated in 2014.

## New Projects Added to the 2013 Budget Process

No new projects have been added to the 2013 ten year plan. A consultant was retained in 2012 to conduct site inspections at current York Region owned waste management facilities to identify repair and maintenance requirements. This work is anticipated to be completed in 2013 and will inform the next ten year capital plan.

## Long Term Outlook

### Expenditures

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 20,000 tonnes capacity, the Durham York Energy Centre with a 70,000 tonne capacity and expansion of blue box processing capacity are capital investments needed to achieve this 10 year plan. Increased funding will be required to complete these projects and meet the Region's expanding growth and diversion needs.

Expenditures during the first five years of the waste management capital plan total \$133 million (or 75% of the ten year plan) primarily to implement the Durham York Energy Centre, Waste Management Facility Upgrades and Georgina Transfer Station renovation. The second five years of the capital plan involves expenditures of approximately \$43 million mainly associated with Source Separated Organics Processing Facility, Expanded Diversion Capacity and a new Community Environmental Centre. A summary of the capital projects planned with anticipated completion dates and projected expenditures over the next ten years is provided as follows:

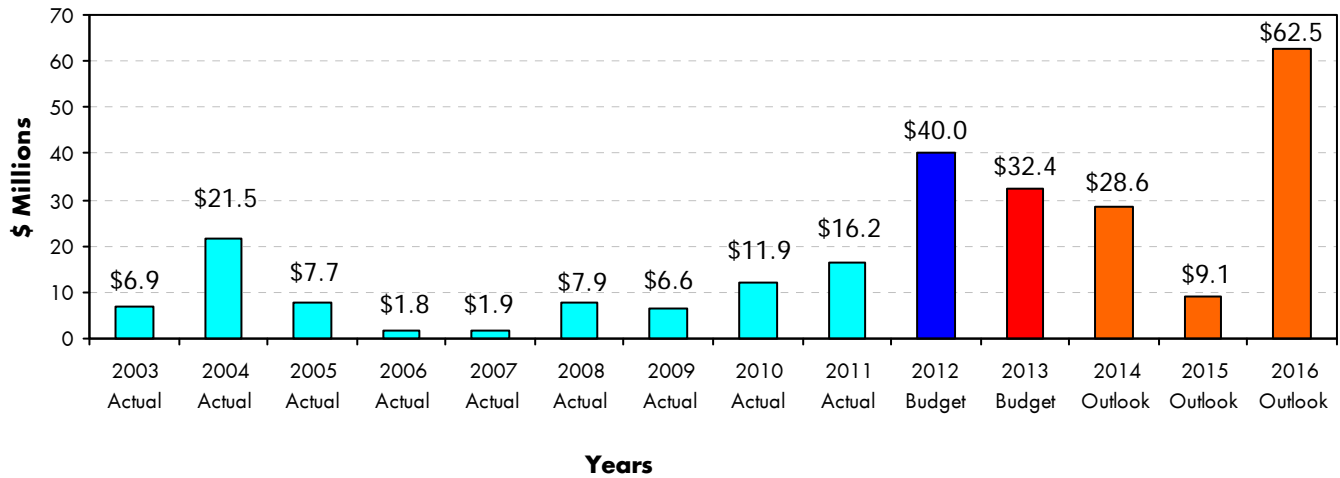
- 2014 Durham York Energy Centre (\$47.7 million)
- 2014 Waste Management Facility Upgrades (\$8.1 million)
- 2014 Interpretive Centre at Waste Management Centre (\$0.1 million)
- 2015 Georgina Transfer Station renovation to Warden Avenue Community Environmental Centre (\$7.3 million)
- 2015 Addition of MHSW Collection and scales to Elgin Mills Community Environmental Centre and to McCleary Court Community Environmental Centre (\$2.6 million)
- 2016 New Waste Management Initiatives – annual until 2016 (additional work to be determined by Master Plan) (\$0.6 million)
- 2017 Source Separated Organics Processing Facility (\$64.9 million)
- 2018 Integrated Waste Management Master Plan – completion in 2013 with updates every 5 years thereafter (\$1.2 million)
- 2021 Expanded Diversion Capacity (if Master Plan deems necessary) (\$30.3 million)
- 2021 Community Environmental Centre #4 (if Master Plan deems necessary) (\$12.0 million)
- Equipment Upgrades/Replacement Public Drop off – annual for 10 years (\$1.0 million in total)
- Solid Waste Asset Management – annual for 10 years (\$1.0 million in total)

## Capital Summary

\$000's	2012 Budget	2013 Budget	2014 Outlook	2015 Outlook	2016-2022 Outlook	1 <sup>st</sup> 10Y 2013-2022 Outlook
<b>GROSS EXPENDITURES</b>						
<b>Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Hazardous Waste Depots	990	300	700	500	0	1,500
Equipment / Upgrade Replacement	21	120	100	100	700	1,020
Facility Upgrade - Waste Mgmt.	400	200	7,890	0	0	8,090
<b>Total Replacement/Rehabilitation</b>	<b>1,411</b>	<b>620</b>	<b>8,690</b>	<b>600</b>	<b>700</b>	<b>10,610</b>
<b>Growth / Expansion</b>						
Source Separated Organics Plants	1,800	320	1,000	1,120	62,500	64,940
Energy from Waste Plants	29,720	29,843	13,000	4,820	0	47,663
Community Environmental Centres	5,248	577	5,500	2,325	12,000	20,402
Material Recycling Plants	0	0	0	0	30,270	30,270
<b>Total Growth / Expansion</b>	<b>36,768</b>	<b>30,740</b>	<b>19,500</b>	<b>8,265</b>	<b>104,770</b>	<b>163,275</b>
<b>Improvements / Enhancement</b>						
Material Recycling Facility	5	1	103	0	0	104
<b>Total Improvements / Enhanceme</b>	<b>5</b>	<b>1</b>	<b>103</b>	<b>0</b>	<b>0</b>	<b>104</b>
<b>Total Tangible Capital Assets</b>	<b>38,184</b>	<b>31,361</b>	<b>28,293</b>	<b>8,865</b>	<b>105,470</b>	<b>173,989</b>
<b>Non - Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Solid Waste Assets	150	200	100	80	595	975
<b>Total Replacement/Rehabilitation</b>	<b>150</b>	<b>200</b>	<b>100</b>	<b>80</b>	<b>595</b>	<b>975</b>
<b>Improvements / Enhancement</b>						
Planning & Studies	1,679	811	200	200	750	1,961
<b>Total Improvements / Enhanceme</b>	<b>1,679</b>	<b>811</b>	<b>200</b>	<b>200</b>	<b>750</b>	<b>1,961</b>
<b>Total Non - Tangible Capital Asset</b>	<b>1,829</b>	<b>1,011</b>	<b>300</b>	<b>280</b>	<b>1,345</b>	<b>2,936</b>
<b>Total Replacement/Rehabilitation</b>	<b>1,561</b>	<b>820</b>	<b>8,790</b>	<b>680</b>	<b>1,295</b>	<b>11,585</b>
<b>Total Growth / Expansion</b>	<b>36,768</b>	<b>30,740</b>	<b>19,500</b>	<b>8,265</b>	<b>104,770</b>	<b>163,275</b>
<b>Total Improvements / Enhanceme</b>	<b>1,684</b>	<b>812</b>	<b>303</b>	<b>200</b>	<b>750</b>	<b>2,065</b>
<b>TOTAL GROSS EXPENDITURES</b>	<b>40,013</b>	<b>32,372</b>	<b>28,593</b>	<b>9,145</b>	<b>106,815</b>	<b>176,925</b>
<b>FINANCING</b>						
Reserves : General & Solid waste	(9,881)	(2,313)	(14,593)	(3,205)	(2,045)	(22,156)
Reserves : Debt Reduction Fund	(27,281)	(4,506)	0	0	0	(4,506)
Debentures Requirements	(2,851)	(25,553)	(14,000)	(5,940)	(84,770)	(130,263)
Provincial / Federal Funding	0	0	0	0	(20,000)	(20,000)
<b>TOTAL FINANCING</b>	<b>(40,013)</b>	<b>(32,372)</b>	<b>(28,593)</b>	<b>(9,145)</b>	<b>(106,815)</b>	<b>(176,925)</b>
<b>TAX LEVY - RESERVE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Capital Program Cost History

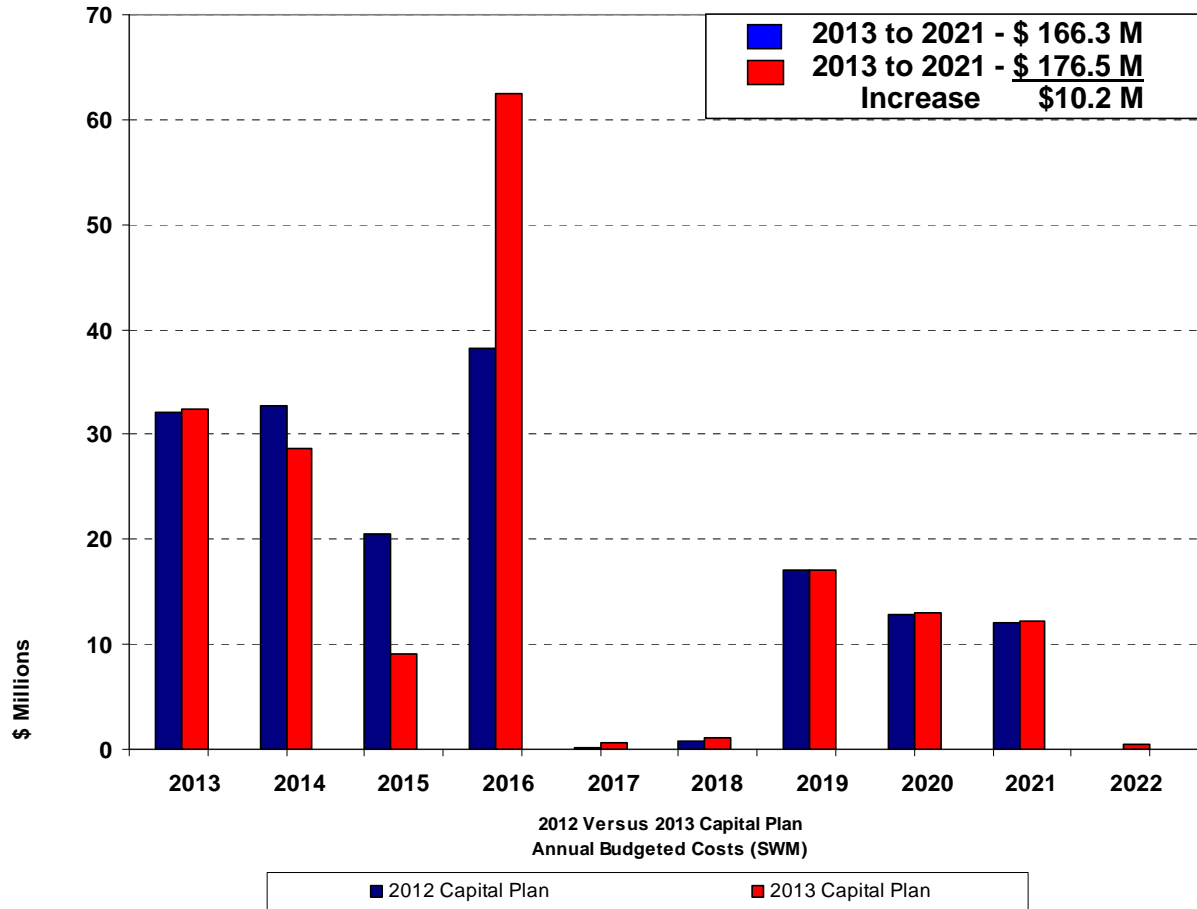
### Waste Management



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.

## 2012 Plan vs. 2013 Plan

### Gross Costs Comparison (2013 to 2021)



### Explanation of Changes from 2012 to 2013 Plan

Comparison of 2012 and 2013 capital plans above shows an increase in forecast expenditures of \$10.2 million in the nine year period between 2013 and 2021. A number of projects have increased expenditures between 2013 and 2021 in the 2013 Capital Plan totalling \$27.8 million while there is a project with decreased expenditures totalling \$17.6 million

The main projects with increases are as follows.

- Durham York Energy Centre (71325) – increased by \$13.2 million. Expenditures deferred from 2012, higher host community costs, plus Enbridge and internal costs added
- Facility Upgrade – Waste Management Facility (71275) – increased by \$5.1 million. Scope of project increased to reflect additional facility upgrades such as expansion of the tip floor to accommodate increased processing capacity made possible by facility upgrades in 2011.

- Community Environmental Centre – Georgina Transfer Station retrofit to Warden Avenue CEC (71285) – increased by \$4.8 million. There is no change to the overall total project. \$5.1 million in 2012 budget deferred to 2014 and 2015 pending finalization of design land planning issues.
- Household Hazardous Waste Depot - Vaughan (79935) – increased by \$1.5 million. Adjusted to reflect current construction estimates and to reflect deferral of expenditures from 2012 to 2014 and 2015.
- Various Projects including: Solid Waste Master Plan, Elgin Mills Community Environmental Centre, Equipment Upgrades/Replacement – Public Drop-off, New Waste Management Initiatives – increased by \$3.2 million. Minor increases for the following projects: Solid Waste Master Plan (\$1.0 million); Elgin Mills Community Environmental Centre (\$0.7 million); Equipment Upgrades/Replacement – Public Drop-off (\$0.7 million); New Waste Management Initiatives (\$0.7 million); other project (\$0.1 million).

There is only one project with decreases as follows:

- Source Separated Organics Facility (71335) – decreased by \$17.6 million due to new method of procurement based on Public Private Partnership funding associated with proposed Design, Build, Finance, Operate and Maintain procurement model.



## Pressures of Net Operating Impact of Capital Projects

Additional staffing and funding resources will be required to operate and maintain new facilities that will be coming online in the next ten years. Major infrastructure to be constructed throughout the ten year capital program is summarized below:

Year	Community Environmental Centres	Energy Centres	Source Separated Organics	Expanded Diversion Capacity
2013	-	-	-	-
2014	-	1	-	-
2015	1	-	-	-
2016	-	-	-	-
2017	-	-	1	-
2018	-	-	-	-
2019	-	-	-	-
2020	-	-	-	-
2021	1	-	-	1
2022	-	-	-	-
<b>Total</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>

The majority of capital projects proposed in this budget will impact the operating budget starting in 2015. The main drivers are the proposed commissioning of the Durham York Energy Centre in 2014, the completion of the Source Separated Organics facility in 2017, the opening of a Community Environmental Centre and Expanded Diversion Capacity facility in 2021. For Net Operating Impact purposes however, only incremental costs with CSA approval in 2013 are being reported. Therefore the operational impact from the Expanded Diversion Capacity project and the construction phase of the Source Separated Organics facility are not included.

Commissioning of the Durham York Energy Centre, planned for September 2014, requires additional debenture financing costs (20 year amortization) and higher waste disposal fees compared to lower cost landfill options (\$4 per tonne plus fixed administration fees).

It is anticipated that implementation of the Integrated Waste Management Master Plan recommendations will require increased promotion and education costs plus higher audit and consulting fees. The incremental increase of \$140,000 for promotion and education is required for developing outreach materials for programs such as the Food Waste Strategy program and composting pilots in multi-residential buildings. Increased audit fees are required for waste characterization within multi-residential buildings, blue box bale audits to improve material capture and set out studies to assist in documenting bulky set-out material to promote the Regional Community Environmental Centre Network. Continued Master Plan updates and additional research with ongoing five year updates will require higher consulting fees and staffing increases to manage the program. Implementation and maintenance of the high diversion waste management program, including managing the new Source Separated Organics facility and Energy Centre, as well as, implementing all activities from the Master Plan,

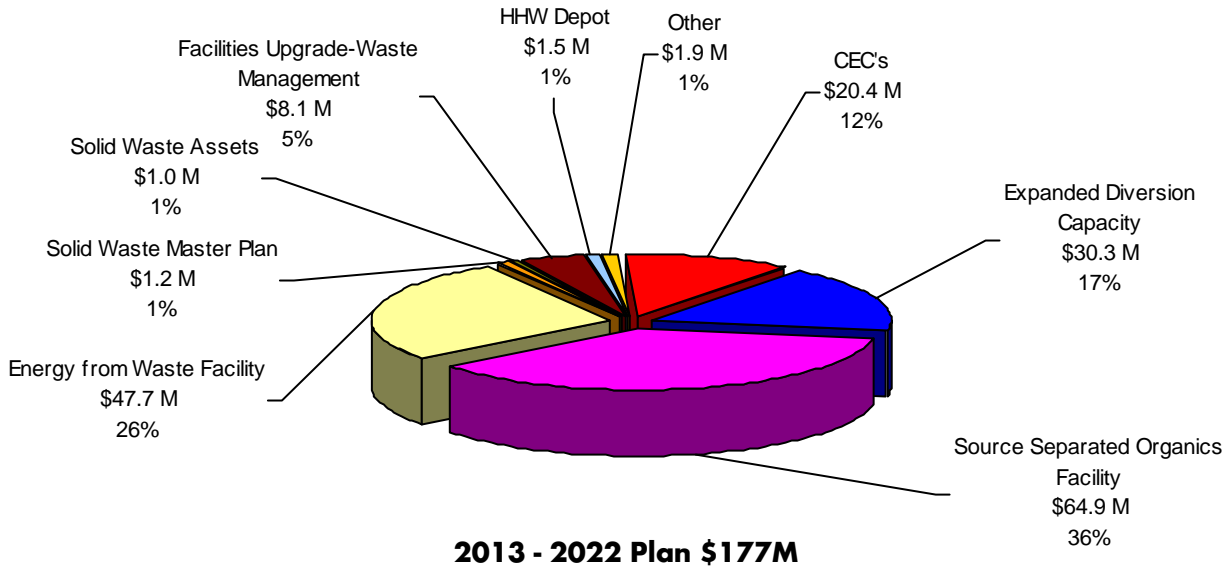
is estimated to require five new FTE's. The Integrated Waste Management Master Plan will be completed in the Fall of 2013 and a resource plan will be included for implementation of recommendations.

The design phase of the Source Separated Organics Facility will require debenture financing with a 20 year amortization. The construction phase is not included as it is not part of the 2013 CSA request; however one FTE for 2017 is included in anticipation of the facility construction.

Two staff are required to manage Health and Safety/Environmental Contract Performance and scale transactions at the Community Environmental Centres as a result of the planned construction and upgrades outlined in the 10 year plan.

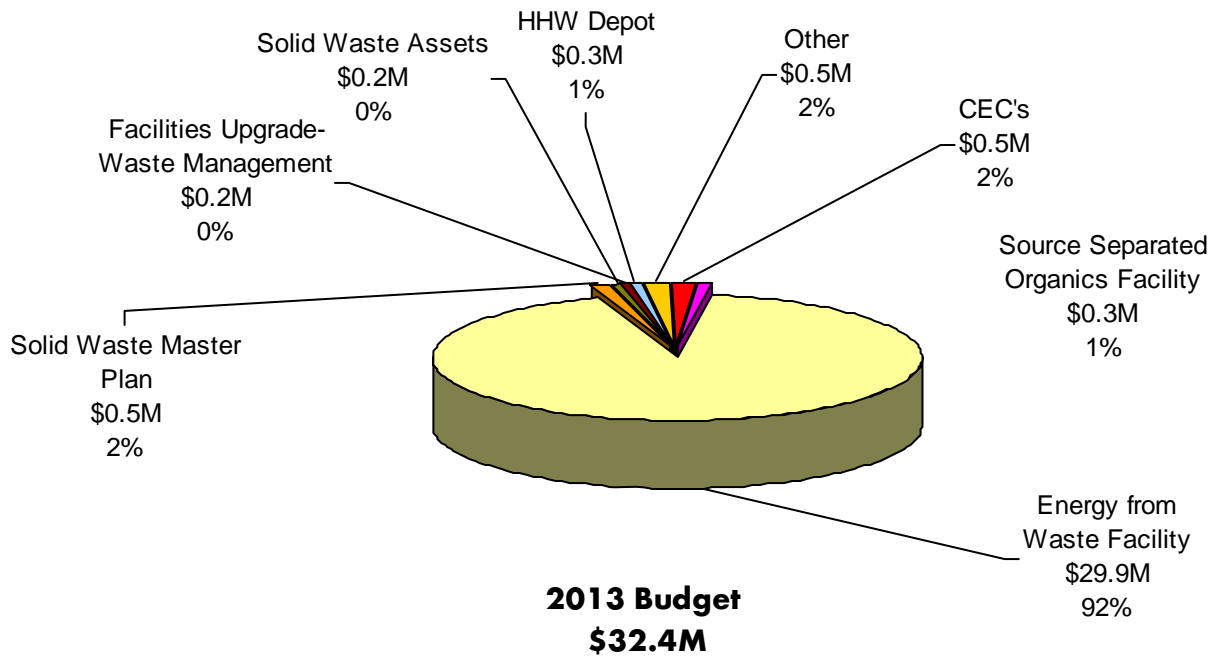
## Appendix

### 10 Year Capital Plan



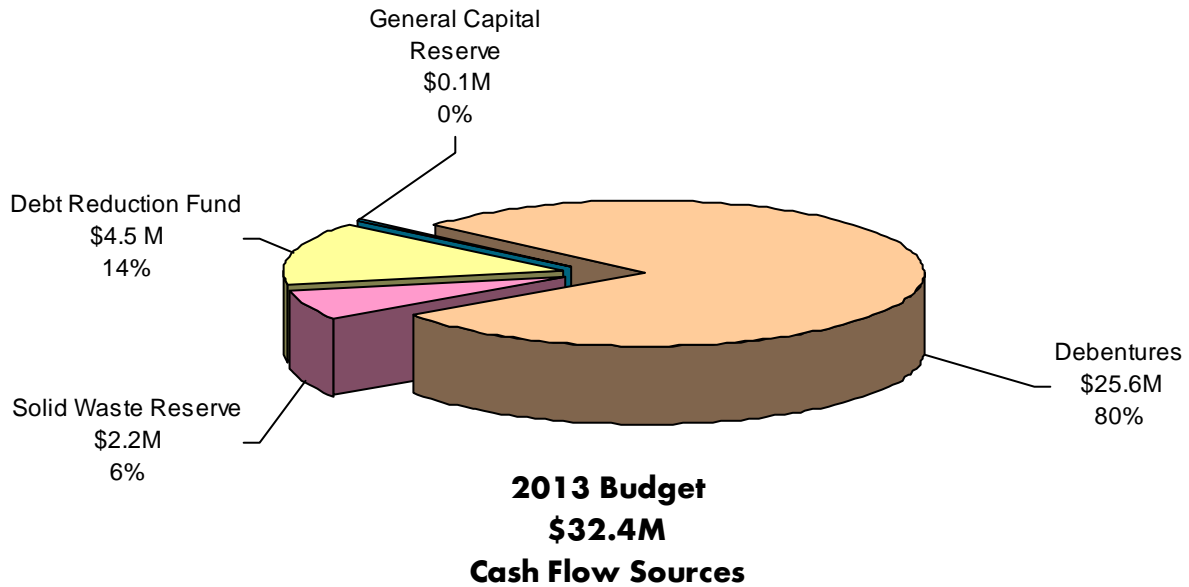
The ten year plan totals \$177 million, of which facility construction for diversion programs represents approximately 91% of capital plan.

## 2013 Budget



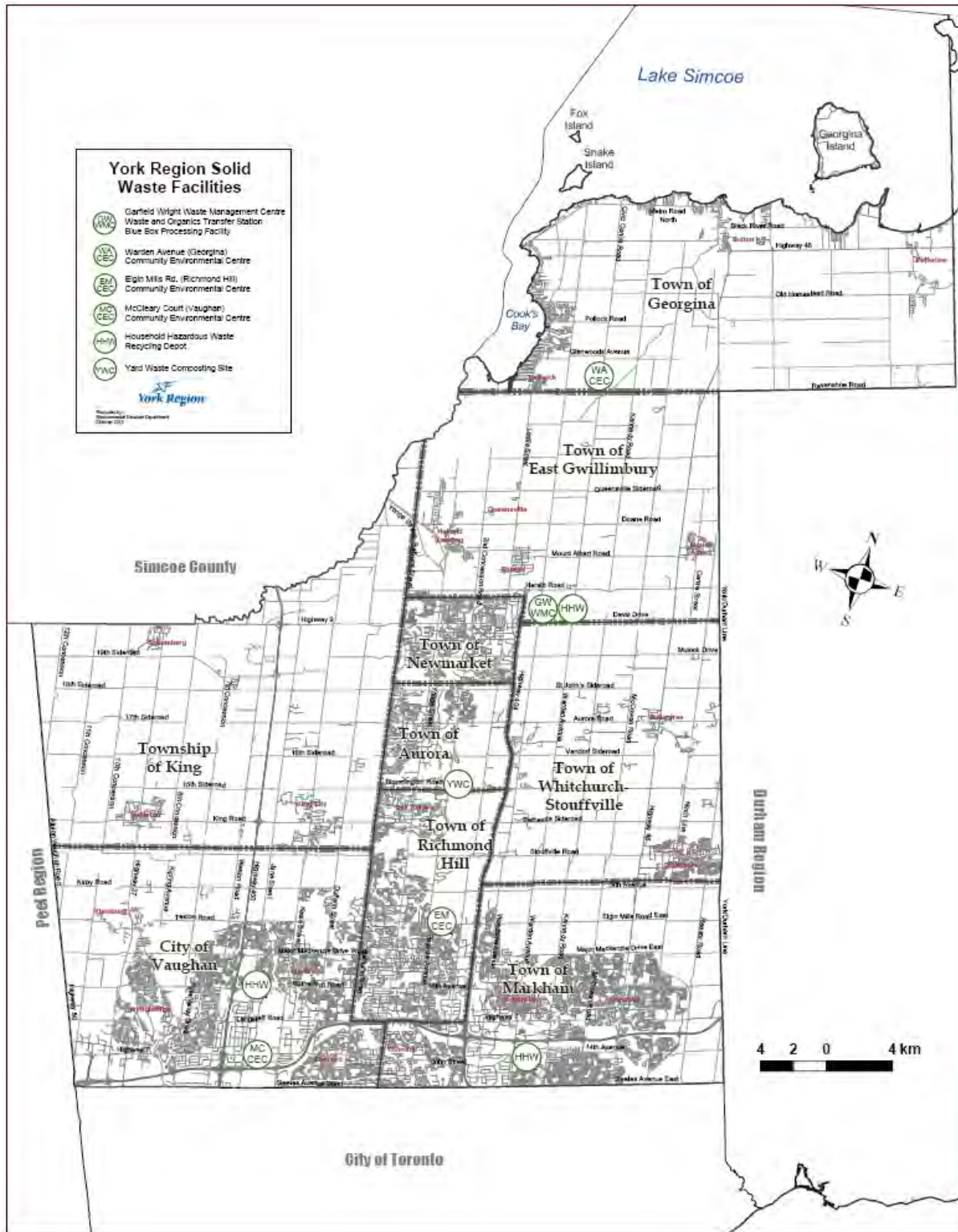
Waste management expenditures in 2013 total over \$32 million, primarily due to the implementation of the Durham York Energy Centre (approximately \$30 million or over 93% of the 2013 capital budget).

## 2013 Budget – Sources of Funding



The 2013 waste management capital expenditures of over \$32 million (or 18% of the ten year plan) will be primarily funded from debentures (approximately \$26 million or 80% of 2013 funding). Other sources of funding include reserves (6% or \$2.3 million) and Debt Reduction Fund (14% or \$4.5 million)

## Solid Waste Facilities Map



**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost													
(In \$000's)																												
<b>GROSS EXPENDITURES</b>																												
<b>Tangible Capital Assets</b>																												
<b>Rehabilitation/Replacement</b>																												
71275	Facility Upgrade - Waste Mgmt Facility	260	300	200	7,890	-	-	-	-	-	-	-	-	-	8,650													
73455	Equipment Upgrades/Replacement - Public Drop-off	11	-	120	100	100	100	100	100	100	100	100	100	-	1,031													
79935	Household Hazardous Waste Depot - Vaughan	1,507	20	300	700	500	-	-	-	-	-	-	-	-	3,027													
<b>Sub Total Rehabilitation/Replacement</b>		<b>1,778</b>	<b>320</b>	<b>620</b>	<b>8,690</b>	<b>600</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>12,708</b>													
<b>Growth/Expansion</b>																												
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	250	42	227	5,000	2,025	-	-	-	-	-	-	-	-	7,544													
71315	Expanded Diversion Capacity	-	-	-	-	-	-	290	10,000	10,000	10,000	9,980	-	-	30,270													
71325	Energy From Waste Facility	4,042	22,363	29,843	13,000	4,820	-	-	-	-	-	-	-	-	74,068													
71335	Source Separated Organics Facility	526	260	320	1,000	1,120	62,300	200	-	-	-	-	-	-	65,726													
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	-	20	300	500	300	-	-	-	-	-	-	-	-	1,120													
74235	Community Environ.Ctr. #4	-	-	-	-	-	-	350	6,900	2,750	2,000	-	-	-	12,000													
76335	ISF Community Environ.Ctr - Elgin Mills Road	14,225	50	50	-	-	-	-	-	-	-	-	-	-	14,325													
<b>Sub Total Growth/Expansion</b>		<b>19,043</b>	<b>22,735</b>	<b>30,740</b>	<b>19,500</b>	<b>8,265</b>	<b>62,300</b>	<b>200</b>	<b>640</b>	<b>16,900</b>	<b>12,750</b>	<b>11,980</b>	<b>-</b>	<b>-</b>	<b>205,053</b>													
<b>Enhancement/Improvement</b>																												
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	39	-	1	103	-	-	-	-	-	-	-	-	-	143													
<b>Sub Total Enhancement/Improvement</b>		<b>39</b>	<b>-</b>	<b>1</b>	<b>103</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>143</b>													
Total Tangible Capital Assets															20,860	23,055	31,361	28,293	8,865	62,400	300	740	17,000	12,850	12,080	100	-	217,904
<b>Non-Tangible Capital Assets</b>																												
<b>Rehabilitation/Replacement</b>																												
78583	Solid Waste Asset Management	-	120	200	100	80	80	100	80	90	85	80	80	-	1,095													
<b>Sub Total Rehabilitation/Replacement</b>		<b>-</b>	<b>120</b>	<b>200</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>100</b>	<b>80</b>	<b>90</b>	<b>85</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>1,095</b>													
<b>Enhancement/Improvement</b>																												
70195	Solid Waste Master Plan	627	700	474	-	-	-	250	250	-	-	-	250	-	2,551													
79885	New Waste Management Initiatives	1,650	-	337	200	200	-	-	-	-	-	-	-	-	2,387													
<b>Sub Total Enhancement/Improvement</b>		<b>2,277</b>	<b>700</b>	<b>811</b>	<b>200</b>	<b>200</b>	<b>-</b>	<b>250</b>	<b>250</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>250</b>	<b>-</b>	<b>4,938</b>													
Total Non-Tangible Capital Assets															2,277	820	1,011	300	280	80	350	330	90	85	80	330	-	6,033
<b>TOTAL GROSS EXPENDITURES</b>															<b>23,137</b>	<b>23,875</b>	<b>32,372</b>	<b>28,593</b>	<b>9,145</b>	<b>62,480</b>	<b>650</b>	<b>1,070</b>	<b>17,090</b>	<b>12,935</b>	<b>12,160</b>	<b>430</b>	<b>-</b>	<b>223,937</b>

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
			(In \$000's)											
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: Current Tax Levy	4,021	-	-	-	-	-	-	-	-	-	-	-	-	4,021
Development Charges	7	-	-	-	-	-	-	-	-	-	-	-	-	7
Reserve: Debt Reduction Fund	-	22,623	4,506	-	-	-	-	-	-	-	-	-	-	27,129
Reserve: General Capital	3,889	-	104	-	-	-	-	-	-	-	-	-	-	3,993
Reserve: Solid Waste	8,451	1,252	2,209	14,593	3,205	180	450	430	190	185	180	430	-	31,755
<b>Sub Total Regional</b>	<b>16,368</b>	<b>23,875</b>	<b>6,819</b>	<b>14,593</b>	<b>3,205</b>	<b>180</b>	<b>450</b>	<b>430</b>	<b>190</b>	<b>185</b>	<b>180</b>	<b>430</b>	<b>-</b>	<b>66,905</b>
<b>External</b>														
Federal Funding	3,250	-	-	-	-	20,000	-	-	-	-	-	-	-	23,250
Provincial Funding	3,250	-	-	-	-	-	-	-	-	-	-	-	-	3,250
Municipal/Local	4	-	-	-	-	-	-	-	-	-	-	-	-	4
Other Recoveries	265	-	-	-	-	-	-	-	-	-	-	-	-	265
<b>Sub Total External</b>	<b>6,769</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26,769</b>
TOTAL AVAILABLE FINANCING	23,137	23,875	6,819	14,593	3,205	20,180	450	430	190	185	180	430	-	93,674
TOTAL DEBENTURE REQUIREMENTS	-	-	25,553	14,000	5,940	42,300	200	640	16,900	12,750	11,980	-	-	130,263
TOTAL FINANCING SOURCES	23,137	23,875	32,372	28,593	9,145	62,480	650	1,070	17,090	12,935	12,160	430	-	223,937
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debt Proceeds Tax Levy	-	-	25,553	14,000	5,940	42,300	200	640	16,900	12,750	11,980	-	-	130,263
TOTAL DEBENTURE REQUIREMENTS	-	-	25,553	14,000	5,940	42,300	200	640	16,900	12,750	11,980	-	-	130,263



**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
70195	Solid Waste Master Plan	1,224	-	1,224	-	-	-	-	-
71275	Facility Upgrade - Waste Mgmt Facility	8,090	-	8,090	-	-	-	-	-
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	7,252	-	7,252	-	-	-	-	-
71315	Expanded Diversion Capacity	30,270	-	-	30,270	-	-	-	-
71325	Energy From Waste Facility	47,663	-	4,506	43,157	-	-	-	-
71335	Source Separated Organics Facility	64,940	-	104	44,836	-	20,000	-	-
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	104	-	104	-	-	-	-	-
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1,100	-	1,100	-	-	-	-	-
73455	Equipment Upgrades/Replacement - Public Drop-off	1,020	-	1,020	-	-	-	-	-
74235	Community Environ.Ctr. #4	12,000	-	-	12,000	-	-	-	-
76335	ISF Community Environ.Ctr - Elgin Mills Road	50	-	50	-	-	-	-	-
78583	Solid Waste Asset Management	975	-	975	-	-	-	-	-
79885	New Waste Management Initiatives	737	-	737	-	-	-	-	-
79935	Household Hazardous Waste Depot - Vaughan	1,500	-	1,500	-	-	-	-	-
<b>Total Tax Supported</b>		<b>176,925</b>	<b>-</b>	<b>26,662</b>	<b>130,263</b>	<b>-</b>	<b>20,000</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
71275	Facility Upgrade - Waste Mgmt Facility	260	300	200	-	-	-	-	-	200	760
73455	Equipment Upgrades/Replacement - Public Drop-off	11	-	120	-	-	-	-	-	120	131
79935	Household Hazardous Waste Depot - Vaughan	1,507	20	300	700	500	-	-	-	1,500	3,027
	<b>Sub Total Rehabilitation/Replacement</b>	<b>1,778</b>	<b>320</b>	<b>620</b>	<b>700</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,820</b>	<b>3,918</b>
<b>Growth/Expansion</b>											
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	250	42	227	5,000	2,025	-	-	-	7,252	7,544
71325	Energy From Waste Facility	4,042	22,363	29,843	13,000	4,820	-	-	-	47,663	74,068
71335	Source Separated Organics Facility	526	260	320	700	820	-	-	-	1,840	2,626
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	-	20	300	500	300	-	-	-	1,100	1,120
76335	ISF Community Environ.Ctr - Elgin Mills Road	14,225	50	50	-	-	-	-	-	50	14,325
	<b>Sub Total Growth/Expansion</b>	<b>19,043</b>	<b>22,735</b>	<b>30,740</b>	<b>19,200</b>	<b>7,965</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,905</b>	<b>99,683</b>
<b>Enhancement/Improvement</b>											
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	39	-	1	-	-	-	-	-	1	40
	<b>Sub Total Enhancement/Improvement</b>	<b>39</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>40</b>
	Total Tangible Capital Assets	20,860	23,055	31,361	19,900	8,465	-	-	-	59,726	103,641
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
78583	Solid Waste Asset Management	-	120	200	-	-	-	-	-	200	320
	<b>Sub Total Rehabilitation/Replacement</b>	<b>-</b>	<b>120</b>	<b>200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200</b>	<b>320</b>
<b>Enhancement/Improvement</b>											
70195	Solid Waste Master Plan	627	700	474	-	-	-	-	-	474	1,801
79885	New Waste Management Initiatives	1,650	-	337	-	-	-	-	-	337	1,987
	<b>Sub Total Enhancement/Improvement</b>	<b>2,277</b>	<b>700</b>	<b>811</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>811</b>	<b>3,788</b>
	Total Non-Tangible Capital Assets	2,277	820	1,011	-	-	-	-	-	1,011	4,108
	<b>TOTAL GROSS EXPENDITURES</b>	<b>23,137</b>	<b>23,875</b>	<b>32,372</b>	<b>19,900</b>	<b>8,465</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,737</b>	<b>107,749</b>

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015 (In \$000's)	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	4,021	-	-	-	-	-	-	-	-	4,021
Development Charges	7	-	-	-	-	-	-	-	-	7
Reserve: Debt Reduction Fund	-	22,623	4,506	-	-	-	-	-	4,506	27,129
Reserve: General Capital	3,889	-	104	-	-	-	-	-	104	3,993
Reserve: Solid Waste	8,451	1,252	2,209	6,200	2,825	-	-	-	11,234	20,937
<b>Sub Total Regional</b>	<b>16,368</b>	<b>23,875</b>	<b>6,819</b>	<b>6,200</b>	<b>2,825</b>	-	-	-	<b>15,844</b>	<b>56,087</b>
<b>External</b>										
Federal Funding	3,250	-	-	-	-	-	-	-	-	3,250
Provincial Funding	3,250	-	-	-	-	-	-	-	-	3,250
Municipal/Local	4	-	-	-	-	-	-	-	-	4
Other Recoveries	265	-	-	-	-	-	-	-	-	265
<b>Sub Total External</b>	<b>6,769</b>	-	-	-	-	-	-	-	-	<b>6,769</b>
TOTAL AVAILABLE FINANCING	23,137	23,875	6,819	6,200	2,825	-	-	-	15,844	62,856
TOTAL DEBENTURE REQUIREMENTS	-	-	25,553	13,700	5,640	-	-	-	44,893	44,893
TOTAL FINANCING SOURCES	23,137	23,875	32,372	19,900	8,465	-	-	-	60,737	107,749
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debt Proceeds Tax Levy	-	-	25,553	13,700	5,640	-	-	-	44,893	44,893
Total Debenture Requirements	-	-	25,553	13,700	5,640	-	-	-	44,893	44,893

**2013 Business Plan and Budget**  
**Environmental Services**  
**Waste Management**  
**2013 Capital Spending Authority Financing Sources by Project**  
(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debuture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
70195	Solid Waste Master Plan	474	-	474	-	-	-	-	-
71275	Facility Upgrade - Waste Mgmt Facility	200	-	200	-	-	-	-	-
71285	Community Environ.Ctr. - Georgina Transfer Stn #3	7,252	-	7,252	-	-	-	-	-
71325	Energy From Waste Facility	47,663	-	4,506	43,157	-	-	-	-
71335	Source Separated Organics Facility	1,840	-	104	1,736	-	-	-	-
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	1	-	1	-	-	-	-	-
72545	Community Environmental Ctr Richmond Hill - Household Hazardous Waste Addition	1,100	-	1,100	-	-	-	-	-
73455	Equipment Upgrades/Replacement - Public Drop-off	120	-	120	-	-	-	-	-
76335	ISF Community Environ.Ctr - Elgin Mills Road	50	-	50	-	-	-	-	-
78583	Solid Waste Asset Management	200	-	200	-	-	-	-	-
79885	New Waste Management Initiatives	337	-	337	-	-	-	-	-
79935	Household Hazardous Waste Depot - Vaughan	1,500	-	1,500	-	-	-	-	-
<b>Total Tax Supported</b>		<b>60,737</b>	<b>-</b>	<b>15,844</b>	<b>44,893</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Waste Management**  
**2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
71275	Facility Upgrade - Waste Mgmt Facility	7,890	-	-	-	-	-	-	-	-	-	-	-	7,890
71335	Source Separated Organics Facility	300	-	-	-	-	-	-	-	-	-	-	-	300
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	103	-	-	-	-	-	-	-	-	-	-	-	103
73455	Equipment Upgrades/Replacement - Public Drop-off	100	-	-	-	-	-	-	-	-	-	-	-	100
78583	Solid Waste Asset Management	100	-	-	-	-	-	-	-	-	-	-	-	100
79885	New Waste Management Initiatives	200	-	-	-	-	-	-	-	-	-	-	-	200
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>8,693</b>	-	-	-	-	-	-	-	-	-	-	-	<b>8,693</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>19,900</b>	<b>8,465</b>	-	-	-	-	-	-	-	-	-	-	<b>28,365</b>
<b>Incremental 2014 Capital Spending Authority</b>		<b>8,693</b>	-	-	-	-	-	-	-	-	-	-	-	<b>8,693</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>28,593</b>	<b>8,465</b>	-	-	-	-	-	-	-	-	-	-	<b>37,058</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Waste Management**  
**2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Solid Waste	8,393	-	-	-	-	-	-	-	-	-	8,393
<b>Sub Total Regional</b>	<b>8,393</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,393</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>8,393</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,393</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300</b>
<b>TOTAL FINANCING SOURCES</b>	<b>8,693</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,693</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debtenture Proceeds Tax Levy	300	-	-	-	-	-	-	-	-	-	300
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Waste Management**  
**2014 Incremental 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
71275	Facility Upgrade - Waste Mgmt Facility	7,890	-	7,890	-	-	-	-	-
71335	Source Separated Organics Facility	300	-	-	300	-	-	-	-
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	103	-	103	-	-	-	-	-
73455	Equipment Upgrades/Replacement - Public Drop-off	100	-	100	-	-	-	-	-
76583	Solid Waste Asset Management	100	-	100	-	-	-	-	-
79885	New Waste Management Initiatives	200	-	200	-	-	-	-	-
<b>Total Tax Supported</b>		<b>8,693</b>	<b>-</b>	<b>8,393</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
2013 Capital Spending Authority by Program**

		Actual Spent to Dec 31/2011	2012 Year end Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
<b>Waste Management - Rehabilitation &amp; Replacement</b>															
<b>Expenditures</b>															
71275	Facility Upgrade - Waste Mgmt Facility	260	300	200	-	-	-	-	-	-	-	-	-	-	200
71345	Material Recycling Fac. Landscaping & Interpretive Ctr. Equipment	39	-	1	-	-	-	-	-	-	-	-	-	-	1
73455	Upgrades/Replacement - Public Drop-off	11	-	120	-	-	-	-	-	-	-	-	-	-	120
78583	Solid Waste Asset Management	-	120	200	-	-	-	-	-	-	-	-	-	-	200
79935	Household Hazardous Waste Depot - Vaughan	1,507	20	300	700	500	-	-	-	-	-	-	-	-	1,500
	<b>Total Expenditures</b>	<b>1,817</b>	<b>440</b>	<b>821</b>	<b>700</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,021</b>
<b>Regional Financing Sources</b>															
	Reserve: Current Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	7	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Solid Waste	1,685	440	821	700	500	-	-	-	-	-	-	-	-	2,021
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Debt Reduction Fund	-	260	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>1,692</b>	<b>440</b>	<b>821</b>	<b>700</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,021</b>
<b>External Financing Sources</b>															
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	125	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	<b>125</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Debtenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Financing Sources</b>	<b>1,817</b>	<b>440</b>	<b>821</b>	<b>700</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,021</b>
<b>Waste Management - Growth</b>															
<b>Expenditures</b>															
70195	Solid Waste Master Plan	627	700	474	-	-	-	-	-	-	-	-	-	-	474
71285	Community Environ. Ctr. - Georgina Transfer Sin #3	250	42	227	5,000	2,025	-	-	-	-	-	-	-	-	7,252
71325	Energy From Waste Facility	4,042	22,363	29,843	13,000	4,820	-	-	-	-	-	-	-	-	47,663
71335	Source Separated Organics Facility	526	260	320	700	820	-	-	-	-	-	-	-	-	1,840



**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(\$,000's)							Balance to Complete	Capital Spending Authority										
			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022							
Community Environmental Ctr																					
72545 Richmond Hill - Household Hazardous Waste Addition	-	20	300	500	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,100
76335 ISF Community Environ.Ctr - Elgin Mills Road	14,225	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
79885 New Waste Management Initiatives	1,650	-	337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337
<b>Total Expenditures</b>	<b>21,320</b>	<b>23,435</b>	<b>31,551</b>	<b>19,200</b>	<b>7,965</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>58,716</b>
<b>Regional Financing Sources</b>																					
Reserve: Current Tax Levy	4,021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Solid Waste	6,766	812	1,388	5,500	2,325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,213
Reserve: General Capital	3,889	-	104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104
Reserve: Debt Reduction Fund	-	22,623	4,506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,506
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>14,676</b>	<b>23,435</b>	<b>5,998</b>	<b>5,500</b>	<b>2,325</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,823</b>
<b>External Financing Sources</b>																					
Federal Funding	3,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	3,250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>6,644</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>25,553</b>	<b>13,700</b>	<b>5,640</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>44,893</b>
<b>Total Financing Sources</b>	<b>21,320</b>	<b>23,435</b>	<b>31,551</b>	<b>19,200</b>	<b>7,965</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>58,716</b>
<b>Combined Program Financing Sources</b>																					
<b>Total Regional Financing Sources</b>	<b>16,368</b>	<b>23,875</b>	<b>6,819</b>	<b>6,200</b>	<b>2,825</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,844</b>
<b>Total External Financing Sources</b>	<b>6,769</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>25,553</b>	<b>13,700</b>	<b>5,640</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>44,893</b>
<b>Total Financing Sources</b>	<b>23,137</b>	<b>23,875</b>	<b>32,372</b>	<b>19,900</b>	<b>8,465</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>60,737</b>
<b>Capital Spending Authority Finance Sources by Program</b>																					
<b>Program</b>	<b>Capital Project Total</b>	<b>Tax Levy - Reserves</b>	<b>Reserves</b>	<b>Debt Proceeds</b>	<b>Development Charges</b>	<b>Grants &amp; Subsidies</b>	<b>Other Recoveries</b>														
Waste Management - Rehabilitation & Rep	2,021	-	2,021	-	-	-	-														
Waste Management - Growth	58,716	-	13,823	44,893	-	-	-														
<b>Total Tax Supported</b>	<b>60,737</b>	<b>-</b>	<b>15,844</b>	<b>44,893</b>	<b>-</b>	<b>-</b>	<b>-</b>														

**2013 Business Plan and Budget**  
**Environmental Services**  
**Waste Management**  
**2014 Incremental Capital Spending Authority by Program**

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(in \$000's)										
<b>Waste Management - Rehabilitation &amp; Replacement</b>												
<b>Expenditures</b>												
71275	Facility Upgrade - Waste Mgmt Facility	7,890	-	-	-	-	-	-	-	-	-	7,890
71345	Material Recycling Fac. Landscaping & Interpretive Ctr.	103	-	-	-	-	-	-	-	-	-	103
73455	Equipment Upgrades/Replacement - Public Drop-off	100	-	-	-	-	-	-	-	-	-	100
78583	Solid Waste Asset Management	100	-	-	-	-	-	-	-	-	-	100
	<b>Total Expenditures</b>	<b>8,193</b>	-	-	-	-	-	-	-	-	-	<b>8,193</b>
<b>Regional Financing Sources</b>												
	Reserve: Current Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
	Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
	Other Revenues	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Solid Waste	8,193	-	-	-	-	-	-	-	-	-	8,193
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Regional Financing Sources</b>	<b>8,193</b>	-	-	-	-	-	-	-	-	-	<b>8,193</b>
<b>External Financing Sources</b>												
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
	<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Debtenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Financing Sources</b>	<b>8,193</b>	-	-	-	-	-	-	-	-	-	<b>8,193</b>

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
	(in \$000's)										
<b>Waste Management - Growth</b>											
<b>Expenditures</b>											
71335 Source Separated Organics Facility	300	-	-	-	-	-	-	-	-	-	300
79885 New Waste Management Initiatives	200	-	-	-	-	-	-	-	-	-	200
<b>Total Expenditures</b>	<b>500</b>	-	-	-	-	-	-	-	-	-	<b>500</b>
<b>Regional Financing Sources</b>											
Reserve: Current Tax Levy	-	-	-	-	-	-	-	-	-	-	-
Reserve: Tax Stabilization	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Developer Up-Front Financing	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	-	-	-	-	-	-	-	-	-	-	-
Reserve: Solid Waste	200	-	-	-	-	-	-	-	-	-	200
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
Reserve: Debt Reduction Fund	-	-	-	-	-	-	-	-	-	-	-
Reserve: Prior Year Tax Levy	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>200</b>	-	-	-	-	-	-	-	-	-	<b>200</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debenture Financing Sources</b>	<b>300</b>	-	-	-	-	-	-	-	-	-	<b>300</b>
<b>Total Financing Sources</b>	<b>500</b>	-	-	-	-	-	-	-	-	-	<b>500</b>
<b>Combined Program Financing Sources</b>											
<b>Total Regional Financing Sources</b>	8,393	-	-	-	-	-	-	-	-	-	8,393
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debenture Financing Sources</b>	300	-	-	-	-	-	-	-	-	-	300
<b>Total Financing Sources</b>	<b>8,693</b>	-	-	-	-	-	-	-	-	-	<b>8,693</b>

2013 Business Plan and Budget  
Environmental Services  
Waste Management

2014 Incremental Capital Spending Authority by Program

Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Waste Management - Rehabilitation & Replacement	8,193		8,193						
Waste Management - Growth	500		200	300					
<b>Total Tax Supported</b>	<b>8,693</b>		<b>8,393</b>	<b>300</b>					

**2013 Business Plan and Budget  
Environmental Services  
Waste Management  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	30	199	360	367	-	-	-	-	-	-
General Expenses	199	-	-	-	-	-	-	-	-	-
Professional Contracted Services	342	397	150	-	-	-	-	-	-	-
Financing Costs	287	1,813	961	370	(1)	(1)	(1)	(1)	(1)	(1)
<b>Total Expenditures</b>	<b>858</b>	<b>2,409</b>	<b>1,471</b>	<b>737</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>
<b>Total Net Impact on Tax Levy</b>	<b>858</b>	<b>2,409</b>	<b>1,471</b>	<b>737</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>

## 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, 2300 hectares) and the Region's Street Trees (32,500 assets in the inventory).

The York Region Sustainability Strategy was adopted by Regional Council and 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.

## 10 Year Capital Plan (2013 – 2022)

Further development of the Region's Climate Change Adaptation Strategy (Draft 2011) will play an increasing role in directing greening initiatives, programs and projects. York Region has leveraged significant actions and results through the Region's Greening Strategy. In conservation land securement, an \$11.2M Regional investment leveraged the securement of over \$52.7M of environmental lands.

Forestry manages five Regional Programs integral to sustainable management of the Region's Green Infrastructure;

- Greening Strategy (e.g. Land Securement)
- York Regional Forest management (e.g. property upgrades)
- Urban Forest (e.g. Street Tree Program, Urban Forest Management Plan)
- Invasive Species Management (e.g. Emerald Ash Borer)
- Forestry Conservation By-Law administration

## Key Drivers, Pressures and Challenges

Population growth and development will continue to pressure existing natural heritage features and other green infrastructure. Growth and development will also present unique opportunities for focused restoration and environmental stewardship and education.

The urban forest will continue to grow, and our street tree assets will be recognized as significant components of our urban infrastructure. These street trees will help define the local character of many of our communities. Large street trees require ongoing support and care as part of their sustainable management. Implementation and update of the Urban Forest Management Plan will help monitor and manage our green infrastructure.

Global warming and climate change will be significant drivers impacting the Region's green infrastructure over this period. The Region's Climate Change Adaptation Strategy will continue to drive or influence many greening initiatives. Invasive species, including aquatic and terrestrial threats, will likely pose future challenges to our assets and communities.

## Key Initiatives

The 10 year capital plan is prepared with a focus on the following:

- Growth (Green Infrastructure Expansion)
- Asset Management (State of Good Repair)

### Growth (Green Infrastructure Expansion)

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.

In 2001, the Streetscaping Policy was adopted resulting in planting of over 1,500 street trees each year along our roads. 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.

### Asset Management (State of Good Repair)

Replacement of the York Regional Forest Stewardship and Education Centre will facilitate the existing and forecasted environmental education programs, offsite meeting needs and forest operation requirements. The existing building is currently past its expected life span.

The Emerald Ash Borer is the primary invasive species which will kill all ash trees in York Region. 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 removing and replacing of existing ash street trees and public communication initiatives.

Urban Forest Studies is a GTA wide partnership project with TRCA and local municipalities. The project will inventory and model functions, services and values (\$) of trees, shrubs and other green infrastructure. Continued implementation of the Urban Forest Studies, in partnership with local municipalities, will quantify the benefits provided by urban forests and provide insight to climate change adaptation.

Major capital initiatives include:

- Securing conservation lands and implementing Green infrastructure projects through the Regional Greening Strategy
- Supporting Roads and Water/Wastewater capital delivery projects with planting over 1,500 street trees annually along Regional corridors
- Implementing the Invasive Species Management Program
- Replacing the York Regional Forest Stewardship and Education Centre

In addition, the York Regional Forest Management Plan 1998 - 2018 was endorsed by Council in 1998. In 2019 this plan will be updated with a new 2019 - 2038 Management Plan where a review of the capital plans will be completed and revisions made as necessary. Operating Plans are developed every 5 years.

## New Projects Added to the 2013 Budget Process

The following projects have been revised as part of this budget cycle.

New Projects	Estimated Start Date
York Region Stewardship and Education Centre	2010 ongoing
York Regional Forest – pilot dog off leash project	2013
Greening Strategy – program adjustment	2013
Emerald Ash Borer Management (Street Tree Replacement) – Implementation schedule advanced	2013

The York Regional Forest Stewardship and Education Centre building replacement is scheduled for construction in 2013 and 2014. In response to a 2012 request from Council, a dog off leash area will be constructed and monitored as a pilot in 2013.

The Greening Strategy has been refined following extensive public consultation and identified Greening Strategy Action Areas. The Refined Action Areas have been realigned and redefined into four focused Action Areas giving consideration to current Regional priorities, effective delivery, plain language and program clarity and are summarized as follows:

1. **Enhancement and rehabilitation:** private land tree planting, species at risk (*NEW*), public land naturalization, and naturalization of Regional properties
2. **Stewardship and education:** educational programming, outreach events, public engagement and marketing
3. **Environmental land securement:** natural environment land securement, natural heritage trail linkages (*NEW*), agricultural land natural feature protection (*NEW*)
4. **Leadership, innovation and knowledge:** technology/innovation, sharing and transfer of technical knowledge, sustainable communities, investigating funding opportunities

Integral to effective delivery of the Strategy are key delivery mechanisms or tools such as partnerships, financial leverage, community involvement and the role of legislation and policy.

The budget to support this successful initiative has not increased since the Strategy was adopted in 2001. An increase is proposed to the budget in 2013 to ensure alignment with Councils previous financial commitment and priority program delivery. The Greening Strategy has demonstrated significant partnership leverage of funding and resources since its inception.

Forestry’s primary invasive species concern is the Emerald Ash Borer. Eradication of the Emerald Ash Borer is not possible. The Canadian Food Inspection Agency expects the Emerald Ash Borer to destroy all ash trees in York Region over the next 5 to 15 years. Our assets, including street trees and the York Regional Forest, will be impacted. The Region’s Street Tree Removal and Replacement program is being advanced to combat the rapid spread of the Emerald Ash Borer. Hazardous tree management and overall forest management will be adjusted to meet the demand. Communications and technology transfer will help our residents manage their decisions around dealing with the Emerald Ash Borer.



## Long Term Outlook

### Expenditures

The 10 year capital plan totalling \$22.2 million shows higher expenditures in the first half of the program (\$12.6 million or 57% of the 10 year plan) as the replacement of the Regional Forestry and Education Centre is to be completed in 2014.

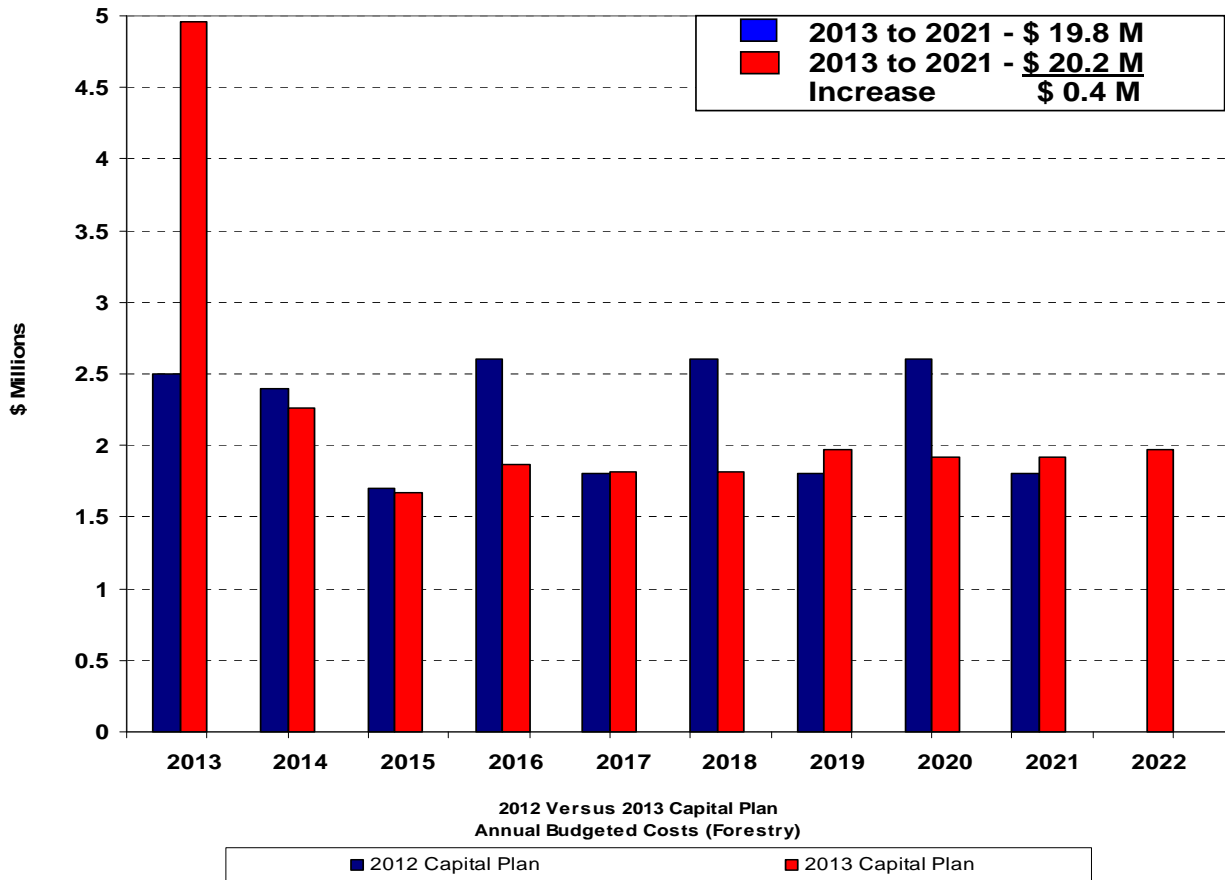
### Capital Summary

\$000's	2012 Budget	2013 Budget	2014 Outlook	2015 Outlook	2016-2022 Outlook	10Y Plan 2013-2022 Outlook
<b>GROSS EXPENDITURES</b>						
<b>Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Stewardship and Education Centre	100	2,700	691	0	0	3,391
<b>Total Replacement/Rehabilitation</b>	<b>100</b>	<b>2,700</b>	<b>691</b>	<b>0</b>	<b>0</b>	<b>3,391</b>
<b>Growth / Expansion</b>						
Greening Initiative - Land Securement	1,000	200	200	200	1,400	2,000
Computer Maintenance Management	80	115	0	0	0	115
<b>Total Growth / Expansion</b>	<b>1,080</b>	<b>315</b>	<b>200</b>	<b>200</b>	<b>1,400</b>	<b>2,115</b>
<b>Improvements / Enhancement</b>						
Regional Forest Property Upgrade	220	326	220	220	1,690	2,456
<b>Total Improvements / Enhancement</b>	<b>220</b>	<b>326</b>	<b>220</b>	<b>220</b>	<b>1,690</b>	<b>2,456</b>
<b>Total Tangible Capital Assets</b>	<b>1,400</b>	<b>3,341</b>	<b>1,111</b>	<b>420</b>	<b>3,090</b>	<b>7,962</b>
<b>Non - Tangible Capital Assets</b>						
<b>Replacement/Rehabilitation</b>						
Tree Planting on Region ROW	850	1,038	850	850	6,800	9,538
EAB Street Tree replacement	100	271	300	400	3,400	4,371
<b>Total Replacement/Rehabilitation</b>	<b>950</b>	<b>1,309</b>	<b>1,150</b>	<b>1,250</b>	<b>10,200</b>	<b>13,909</b>
<b>Growth / Expansion</b>						
Peggy's Wood Nature Reserve	125	250	0	0	0	250
Urban Forest Studies	60	60	0	0	0	60
<b>Total Growth / Expansion</b>	<b>185</b>	<b>310</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>310</b>
<b>Total Non - Tangible Capital Assets</b>	<b>1,135</b>	<b>1,619</b>	<b>1,150</b>	<b>1,250</b>	<b>10,200</b>	<b>14,219</b>
<b>Total Replacement/Rehabilitation</b>	<b>1,050</b>	<b>4,009</b>	<b>1,841</b>	<b>1,250</b>	<b>10,200</b>	<b>17,300</b>
<b>Total Growth / Expansion</b>	<b>1,265</b>	<b>625</b>	<b>200</b>	<b>200</b>	<b>1,400</b>	<b>2,425</b>
<b>Total Improvements / Enhancements</b>	<b>220</b>	<b>326</b>	<b>220</b>	<b>220</b>	<b>1,690</b>	<b>2,456</b>
<b>TOTAL GROSS EXPENDITURES</b>	<b>2,535</b>	<b>4,960</b>	<b>2,261</b>	<b>1,670</b>	<b>13,290</b>	<b>22,181</b>
<b>FINANCING</b>						
Development Charge		(680)	(680)	(680)	(5,440)	(7,480)
Reserve: Land Securement	(1,000)	(1,800)	(891)	(200)	(1,400)	(2,000)
Reserve: Prior Year Tax Levy		(850)				(850)
Reserve: Facilities Rehab & Replacment		(700)				(700)
Debentures						(2,291)
<b>TOTAL FINANCING</b>	<b>(1,000)</b>	<b>(4,030)</b>	<b>(1,571)</b>	<b>(880)</b>	<b>(6,840)</b>	<b>(13,321)</b>
<b>TAX LEVY - RESERVE</b>	<b>1,535</b>	<b>930</b>	<b>690</b>	<b>790</b>	<b>6,450</b>	<b>8,860</b>

## 2012 Plan vs. 2013 Plan

### Gross Costs Comparison (2013 to 2021)

Projected expenditures for 2013 to 2021 have increased by \$0.4 million in the 2013 Ten Year Capital Plan over the 2012 Ten Year Capital Plan.



### Explanation of Changes from 2012 to 2013 Plan

Comparison of 2012 and 2013 plans indicate a increase in forecasted expenditures of \$0.4 million in the nine year period between 2013 and 2021.

The projects containing changes are as follows:

- York Regional Forest Stewardship and Education Centre capital project has increased from \$1.0 million to \$3.5 million, an increase of \$2.5 million as a result of an increase in the scope of the project. The existing buildings include: a forestry operations 3 bay garage, a Nature's Classroom (capacity 50 people) outdoor education room with operations storage, washroom facilities, and a forest boardroom with a kitchenette, office washroom and front counter. These buildings are beyond their useful life and require significant maintenance and repair. Replacing these facilities is more cost effective than supporting the ongoing investment in the existing facilities. A new consolidated facility incorporating stewardship education, meeting space and operational capabilities is planned.

- The Tree Planting on the Right of Way increased by \$0.6 million in 2013 over 2012 as a result of expected increases in tree planting and maintenance requirements, as well as expansion of the Regional road network. In addition, the urbanization of Regional roads will increase the complexity of tree planting and maintenance activities resulting in increased costs.
- The Greening Initiative – Land Securement Project in 2012 had forecasted expenditures of \$1 million in alternating years for a total of \$5 million for the 2013-2021 time period. In reality, the opportunity to purchase land and the final costs are difficult to predict. To alleviate this uncertainty, the 2013 budget process removes the land securement component of the capital project, a \$3.2 million reduction, leaving only the Greening Initiatives in the Capital budget. When suitable properties are available for acquisitions in-year, Council approval will be requested.
- At 2012 year end, Council approved the reallocation of \$0.5M in work budgeted to be completed in 2012 to 2013.

### **Pressures of Net Operating Impact of New Capital Projects**

Each year, as the Region continues to plant trees (approximately 300 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 cost by approximately \$4,000 beginning in 2013 and increase marginally each year thereafter.

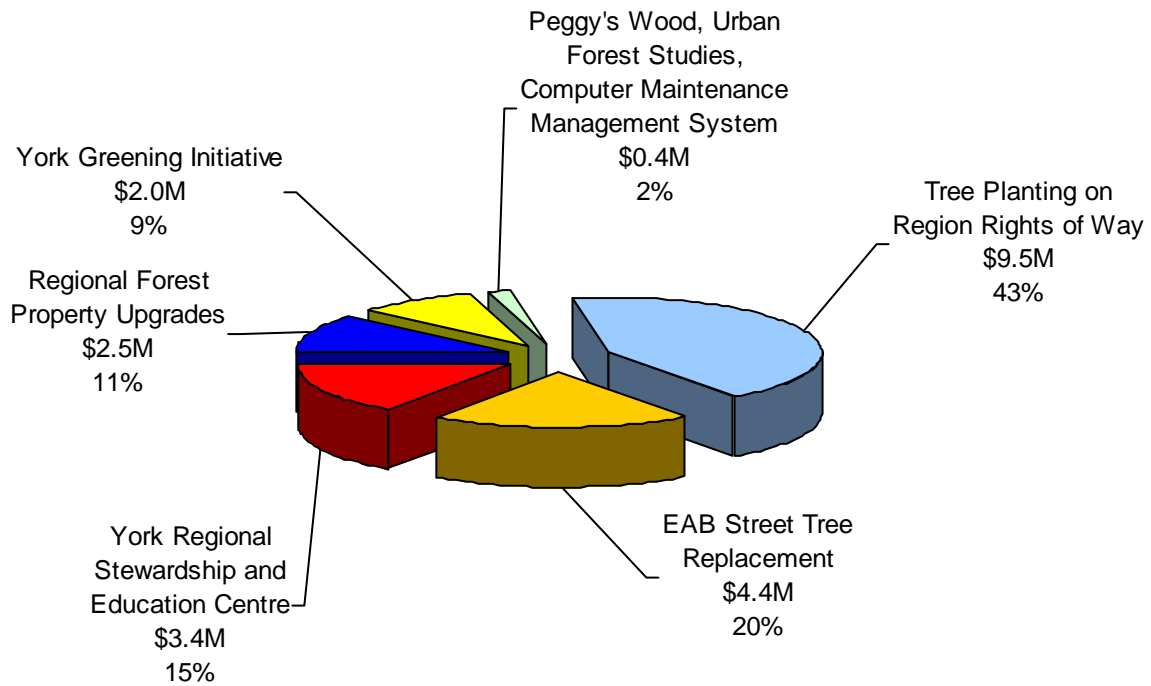
Beginning in 2014 and annually thereafter, the York Regional Stewardship and Education Centre will require an increase to annual maintenance costs in the operating budget of \$40,000 per year, based on a similar size facility.

The completion of Peggy's Wood Nature Reserve will add 19 new hectares of Forestry property requiring additional maintenance estimated at \$4,000 in 2014.

## Appendix

### 10 Year Capital Plan

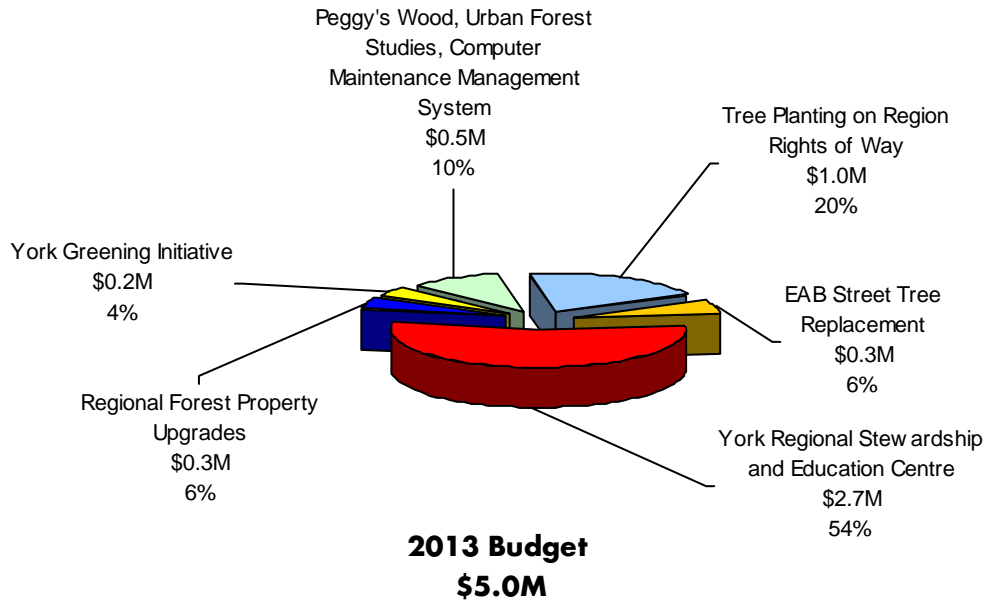
Tree Planting on Region Rights of Way and the Emerald Ash Borer Street Tree Replacement program represents approximately 63% of capital plan.



**2013 - 2022 Plan \$22.2M**

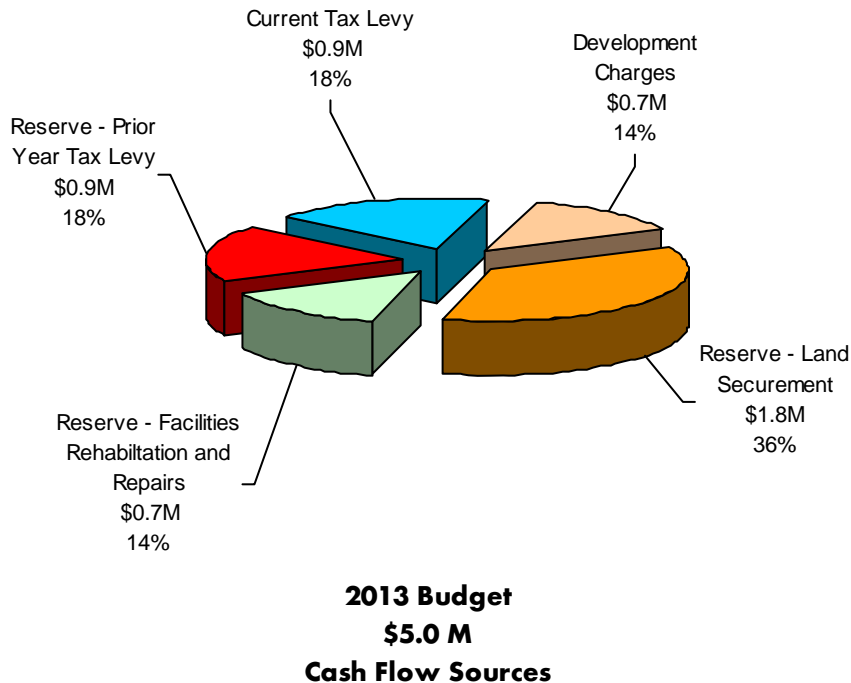
## 2013 Budget

York Regional Stewardship and Education Centre represents 54% of the 2013 capital plan.



## 2013 Budget – Sources of Funding

2013 Forestry Capital projects are funded from current tax levy, reserves, development charges and debentures.

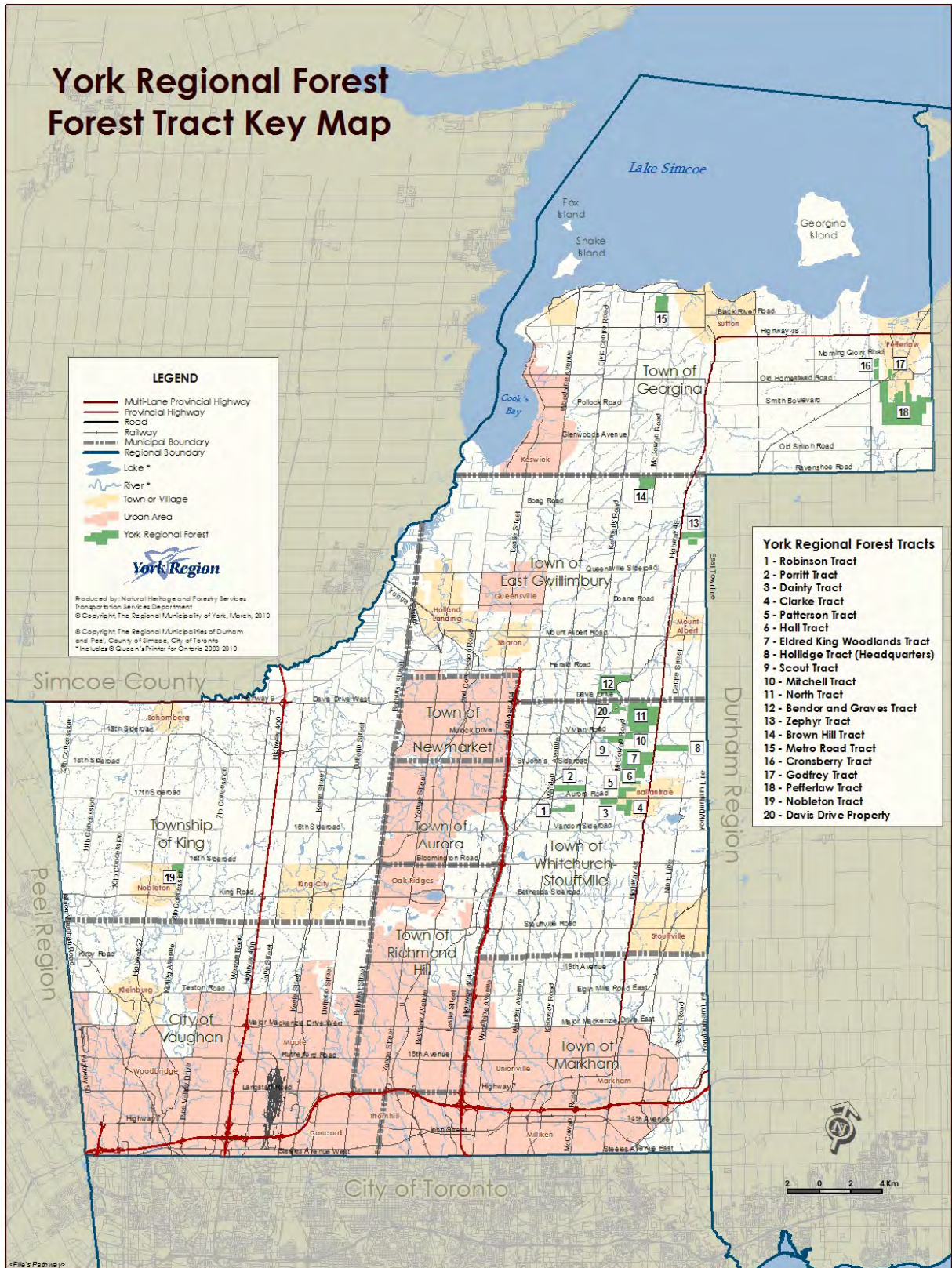


Street Tree program is eligible for 80% funding through development charges or \$0.7M in 2013. (\$7.5M over the first 10 years)

York Regional Forestry Stewardship and Education Centre will be funded through reserve contributions.

The Greening Initiative – Land Securement capital project is funded through the Land Securement Reserve and all other projects are funded through current tax levy.

## Forest Tract Locations



**2013 Business Plan and Budget  
Environmental Services  
Natural Heritage & Forestry  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
72630	York Regional Forest Stewardship and Education Centre	-	100	2,700	691	-	-	-	-	-	-	-	-	-	3,491
<b>Sub Total</b>	<b>Rehabilitation/Replacement</b>	<b>-</b>	<b>100</b>	<b>2,700</b>	<b>691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,491</b>
<b>Growth/Expansion</b>															
72610	York Greening Initiative-Land Securement	11,467	200	200	200	200	200	200	200	200	200	200	200	200	13,667
72660	Computer Maintenance Management System	-	80	115	-	-	-	-	-	-	-	-	-	-	195
<b>Sub Total</b>	<b>Growth/Expansion</b>	<b>11,467</b>	<b>280</b>	<b>315</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>13,862</b>
<b>Enhancement/Improvement</b>															
72620	Regional Forest Property Upgrade	388	154	326	220	220	270	220	220	270	270	220	220	270	2,998
<b>Sub Total</b>	<b>Enhancement/Improvement</b>	<b>388</b>	<b>154</b>	<b>326</b>	<b>220</b>	<b>220</b>	<b>270</b>	<b>220</b>	<b>220</b>	<b>270</b>	<b>270</b>	<b>220</b>	<b>220</b>	<b>270</b>	<b>2,998</b>
Total Tangible Capital Assets		11,855	534	3,341	1,111	420	470	420	420	470	420	420	420	470	20,351
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
72600	Tree Planting on Region Rights of Way	2,419	662	1,038	850	900	900	900	900	1,000	1,000	1,000	1,000	1,100	12,619
72670	EAB Street Tree Replacement	-	29	271	300	400	500	500	500	500	500	500	500	400	4,400
<b>Sub Total</b>	<b>Rehabilitation/Replacement</b>	<b>2,419</b>	<b>691</b>	<b>1,309</b>	<b>1,150</b>	<b>1,250</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>17,019</b>
<b>Growth/Expansion</b>															
72640	Peggy's Wood Nature Reserve	-	-	250	-	-	-	-	-	-	-	-	-	-	250
72650	Urban Forest Studies	-	60	60	-	-	-	-	-	-	-	-	-	-	120
<b>Sub Total</b>	<b>Growth/Expansion</b>	<b>-</b>	<b>60</b>	<b>310</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>370</b>
Total Non-Tangible Capital Assets		2,419	751	1,619	1,150	1,250	1,400	1,400	1,400	1,500	1,500	1,500	1,500	1,500	17,389
<b>TOTAL GROSS EXPENDITURES</b>		<b>14,274</b>	<b>1,285</b>	<b>4,960</b>	<b>2,261</b>	<b>1,670</b>	<b>1,870</b>	<b>1,820</b>	<b>1,820</b>	<b>1,970</b>	<b>1,920</b>	<b>1,920</b>	<b>1,920</b>	<b>1,970</b>	<b>37,740</b>



**2013 Business Plan and Budget  
Environmental Services  
Natural Heritage & Forestry  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
	(In \$000's)													
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: Current Tax Levy	4,263	1,085	930	690	790	950	900	900	970	920	920	890	-	14,208
Development Charges	64	-	680	680	680	720	720	720	800	800	800	880	-	7,544
Development Charges Committed	5	-	-	-	-	-	-	-	-	-	-	-	-	5
Reserve: Facilities Management	-	-	700	-	-	-	-	-	-	-	-	-	-	700
Reserve: Land Securement	9,530	200	1,800	891	200	200	200	200	200	200	200	200	-	14,021
Reserve: Prior Year Tax Levy	165	-	850	-	-	-	-	-	-	-	-	-	-	1,015
<b>Sub Total Regional</b>	<b>14,027</b>	<b>1,285</b>	<b>4,960</b>	<b>2,261</b>	<b>1,670</b>	<b>1,870</b>	<b>1,820</b>	<b>1,820</b>	<b>1,970</b>	<b>1,920</b>	<b>1,920</b>	<b>1,970</b>	<b>-</b>	<b>37,493</b>
<b>External</b>														
Municipal/Local	54	-	-	-	-	-	-	-	-	-	-	-	-	54
Other Recoveries	193	-	-	-	-	-	-	-	-	-	-	-	-	193
<b>Sub Total External</b>	<b>247</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>247</b>
TOTAL AVAILABLE FINANCING	14,274	1,285	4,960	2,261	1,670	1,870	1,820	1,820	1,970	1,920	1,920	1,970	-	37,740
TOTAL FINANCING SOURCES	14,274	1,285	4,960	2,261	1,670	1,870	1,820	1,820	1,970	1,920	1,920	1,970	-	37,740

**2013 Business Plan and Budget**  
**Environmental Services**  
**Natural Heritage & Forestry**  
**10 Year Financing Sources by Project 2013 - 2022**  
(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	9,538	1,870	188	-	7,480	-	-	-
72610	York Greening Initiative-Land Securement	2,000	-	2,000	-	-	-	-	-
72620	Regional Forest Property Upgrade	2,456	2,390	66	-	-	-	-	-
72630	York Regional Forest Stewardship and Education Centre	3,391	-	3,391	-	-	-	-	-
72640	Peggy's Wood Nature Reserve	250	125	125	-	-	-	-	-
72650	Urban Forest Studies	60	60	-	-	-	-	-	-
72660	Computer Maintenance Management System	115	115	-	-	-	-	-	-
72670	EAB Street Tree Replacement	4,371	4,300	71	-	-	-	-	-
<b>Total Tax Supported</b>		<b>22,181</b>	<b>8,860</b>	<b>5,841</b>	<b>-</b>	<b>7,480</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Environmental Services  
Natural Heritage & Forestry  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
72630	York Regional Forest Stewardship and Education Centre	-	100	2,700	691	-	-	-	-	3,391	3,491
<b>Sub Total Rehabilitation/Replacement</b>		<b>-</b>	<b>100</b>	<b>2,700</b>	<b>691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,391</b>	<b>3,491</b>
<b>Growth/Expansion</b>											
72610	York Greening Initiative-Land Securement	11,467	200	200	-	-	-	-	-	200	11,867
72660	Computer Maintenance Management System	-	80	115	-	-	-	-	-	115	195
<b>Sub Total Growth/Expansion</b>		<b>11,467</b>	<b>280</b>	<b>315</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>315</b>	<b>12,062</b>
<b>Enhancement/Improvement</b>											
72620	Regional Forest Property Upgrade	388	154	326	-	-	-	-	-	326	868
<b>Sub Total Enhancement/Improvement</b>		<b>388</b>	<b>154</b>	<b>326</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>326</b>	<b>868</b>
<b>Total Tangible Capital Assets</b>											
		11,855	534	3,341	691	-	-	-	-	4,032	16,421
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
72600	Tree Planting on Region Rights of Way	2,419	662	1,038	-	-	-	-	-	1,038	4,119
72670	EAB Street Tree Replacement	-	29	271	-	-	-	-	-	271	300
<b>Sub Total Rehabilitation/Replacement</b>		<b>2,419</b>	<b>691</b>	<b>1,309</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,309</b>	<b>4,419</b>
<b>Growth/Expansion</b>											
72640	Peggy's Wood Nature Reserve	-	-	250	-	-	-	-	-	250	250
72650	Urban Forest Studies	-	60	60	-	-	-	-	-	60	120
<b>Sub Total Growth/Expansion</b>		<b>-</b>	<b>60</b>	<b>310</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>310</b>	<b>370</b>
<b>Total Non-Tangible Capital Assets</b>											
		2,419	751	1,619	-	-	-	-	-	1,619	4,789
<b>TOTAL GROSS EXPENDITURES</b>											
		14,274	1,285	4,960	691	-	-	-	-	5,651	21,210

**2013 Business Plan and Budget  
Environmental Services  
Natural Heritage & Forestry  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	4,263	1,085	930	-	-	-	-	-	930	6,278
Development Charges	64	-	680	-	-	-	-	-	680	744
Development Charges Committed	5	-	-	-	-	-	-	-	-	5
Reserve: Facilities Management	-	-	700	-	-	-	-	-	700	700
Reserve: Land Securement	9,530	200	1,800	691	-	-	-	-	2,491	12,221
Reserve: Prior Year Tax Levy	165	-	850	-	-	-	-	-	850	1,015
<b>Sub Total Regional</b>	<b>14,027</b>	<b>1,285</b>	<b>4,960</b>	<b>691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,651</b>	<b>20,963</b>
<b>External</b>										
Municipal/Local	54	-	-	-	-	-	-	-	-	54
Other Recoveries	193	-	-	-	-	-	-	-	-	193
<b>Sub Total External</b>	<b>247</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>247</b>
TOTAL AVAILABLE FINANCING	14,274	1,285	4,960	691	-	-	-	-	5,651	21,210
TOTAL FINANCING SOURCES	14,274	1,285	4,960	691	-	-	-	-	5,651	21,210

**2013 Business Plan and Budget**  
**Environmental Services**  
**Natural Heritage & Forestry**  
**2013 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	1,038	170	188	-	680	-	-	-
72610	York Greening Initiative-Land Securement	200	-	200	-	-	-	-	-
72620	Regional Forest Property Upgrade	326	260	66	-	-	-	-	-
72630	York Regional Forest Stewardship and Education Centre	3,391	-	3,391	-	-	-	-	-
72640	Peggy's Wood Nature Reserve	250	125	125	-	-	-	-	-
72650	Urban Forest Studies	60	60	-	-	-	-	-	-
72660	Computer Maintenance Management System	115	115	-	-	-	-	-	-
72670	EAB Street Tree Replacement	271	200	71	-	-	-	-	-
<b>Total Tax Supported</b>		<b>5,651</b>	<b>930</b>	<b>4,041</b>	<b>-</b>	<b>680</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget**  
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**2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
72600	Tree Planting on Region Rights of Way	850	-	-	-	-	-	-	-	-	-	-	-	850
72610	York Greening Initiative-Land Securement	200	-	-	-	-	-	-	-	-	-	-	-	200
72620	Regional Forest Property Upgrade	220	-	-	-	-	-	-	-	-	-	-	-	220
72670	EAB Street Tree Replacement	300	-	-	-	-	-	-	-	-	-	-	-	300
	<b>Total 2014 Incremental Capital Spending Authority</b>	<b>1,570</b>	-	-	-	-	-	-	-	-	-	-	-	<b>1,570</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
	<b>2013 Capital Spending Authority</b>	<b>691</b>	-	-	-	-	-	-	-	-	-	-	-	<b>691</b>
	<b>Incremental 2014 Capital Spending Authority</b>	<b>1,570</b>	-	-	-	-	-	-	-	-	-	-	-	<b>1,570</b>
	<b>Proposed 2014 Cumulative Capital Spending Authority</b>	<b>2,261</b>	-	-	-	-	-	-	-	-	-	-	-	<b>2,261</b>

2013 Business Plan and Budget  
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 2014 Incremental Capital Spending Authority

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	690	-	-	-	-	-	-	-	-	-	690
Development Charges	680	-	-	-	-	-	-	-	-	-	680
Reserve: Land Securement	200	-	-	-	-	-	-	-	-	-	200
<b>Sub Total Regional</b>	<b>1,570</b>	-	-	-	-	-	-	-	-	-	<b>1,570</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>1,570</b>	-	-	-	-	-	-	-	-	-	<b>1,570</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL FINANCING SOURCES</b>	<b>1,570</b>	-	-	-	-	-	-	-	-	-	<b>1,570</b>

**2013 Business Plan and Budget**  
**Environmental Services**  
**Natural Heritage & Forestry**  
**2014 Incremental 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
72600	Tree Planting on Region Rights of Way	850	170	-	-	680	-	-	-
72610	York Greening Initiative-Land Securement	200	-	200	-	-	-	-	-
72620	Regional Forest Property Upgrade	220	220	-	-	-	-	-	-
72670	EAB Street Tree Replacement	300	300	-	-	-	-	-	-
<b>Total Tax Supported</b>		<b>1,570</b>	<b>690</b>	<b>200</b>	<b>-</b>	<b>680</b>	<b>-</b>	<b>-</b>	<b>-</b>



**2013 Business Plan and Budget**  
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**Net Operating Impact of Capital Projects 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Professional Contracted Services	4	9	5	5	5	5	5	5	5	5
Negotiated Specifics	-	40	-	-	-	-	-	-	-	-
<b>Total Expenditures</b>	<b>4</b>	<b>49</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Total Net Impact on Tax Levy</b>	<b>4</b>	<b>49</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>

## Capital Strategy

The attached EMS Capital plan and forecast totalling \$ 74.4 million between 2013 and 2022 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 Corporate 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 in order to maintain certification and minimize risk.

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.

## **New Projects Added to the 2013 Budget Process**

York Region EMS has identified the following capital projects from 2013 to 2022.

### **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.

The following approved projects are already underway and are expected to be completed in 2013 or 2014:

- Purchase of the 280 Church Street, Markham Paramedic Response Station
- Pefferlaw Paramedic Response Station

In 2013, land acquisition, approvals and design activities related to the following projects are expected to begin

- Newmarket Northwest paramedic response station – design activities \$125,000
- Newmarket Southeast paramedic response station – land acquisition \$625,000
- Thornhill paramedic response station – land acquisition \$750,000
- Holland Landing paramedic response station – land acquisition and design activities \$350,000

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

- Newmarket Northwest paramedic response station – land acquisition and construction \$3,206,400 in 2014 and 2015
- Newmarket Southeast paramedic response station – construction \$2,706,400 in 2014 and 2015
- South Woodbridge paramedic response station – land acquisition and construction \$1,534,000
- Maple paramedic response station – land \$750,000
- Oak Ridges paramedic response station – land \$325,000
- Richmond Hill Southeast paramedic response station – land \$750,000

### **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 2013 (\$965,000) and 2014 (\$400,000) includes medical response bags, simulation mannequins, stair chairs and special operations trailers.

## **Ambulance Patient – Lift Ramp Retrofit**

This safety initiative is designed to bring Ambulances to “no-lifting” standards in 2012.

A patient lift ramp is a hydraulic lift located at the rear of an Ambulance vehicle which eliminates the requirement for the paramedic staff to physically lift the stretcher and patient into and out of an ambulance.

Patient lift ramps have been used in the United Kingdom (UK) for many years and are now mandated for all UK ambulance vehicles because of their positive impact in improving patient safety while decreasing workplace injuries and their associated costs.

Project timeline 2013 (\$466,000).

## **In-Vehicle Computer Assisted Dispatch (CAD)**

Ambulance dispatching is provided by the Provincial Ministry of Health and Long Term Care (MOH) through their Central Ambulance Communications Centres. A software and specialized hardware solution (\$300,000) will provide an in-vehicle CAD dispatch system that will integrate with the MOH systems. This will allow the real time tracking and dispatching of Ambulance and Emergency Response Vehicles, allowing for advanced deployment analysis and recommendations on response or deployment options.

## **Ambulances - replacements**

Purchase of 12 replacement ambulance vehicles in 2013 (\$2,402,000) and 13 replacement ambulance vehicles in 2014 (\$2,602,000).

## **Ambulances - new**

To support the implementation of the Emergency Medical Services 10-Year Resources and Facilities Master Plan, the purchase of eleven additional ambulances are required by 2022 including two in 2014 (\$450,000).

## **Rapid Response Units (RRU)**

Purchase of four replacement RRUs 2013 (\$312,000) and two replacement RRU's vehicles in 2014 (\$156,000). EMS operations deployment plan has incorporated use of RRUs to augment ambulance vehicles in responding to calls for emergency service.

## 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.

### Pressures of 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 2013, an additional 18 FTEs have been requested to increase the coverage from 12 hours to 24 hours per day for the new vehicles added in 2012. 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.

Debt repayment costs are consolidated and reflected in the “Incremental Net Operating Impact of Capital on Tax Levy” section of the 2013 and 2014 Capital Budget Financial Summary.

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Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>GROSS EXPENDITURES</b>																
<b>Tangible Capital Assets</b>																
<b>Rehabilitation/Replacement</b>																
54420	Holland Landing EMS Station	3	-	350	1,877	-	-	-	-	-	-	-	-	-	-	2,230
54490	Peifferlaw EMS Station	220	35	1,645	-	-	-	-	-	-	-	-	-	-	-	1,900
54520	EMS Vehicles - Replacement	14,041	2,616	3,262	2,758	2,938	3,292	2,836	3,114	3,180	3,303	2,803	3,000	-	-	47,143
54540	EMS Paramedics Defibrillators Replacement	1,759	-	-	-	2,100	-	-	-	-	-	-	2,100	-	-	5,959
54590	Markham Station - 280 Church	26	-	1,992	-	-	-	-	-	-	-	-	-	-	-	2,018
54600	Medical Equipment Replacement	169	1,240	965	400	400	1,000	500	600	1,200	1,000	400	400	-	-	8,274
54602	EMS Regional Radio Network	-	-	-	200	-	-	-	-	-	-	-	-	-	-	200
54625	EMS Security System Upgrade	-	294	396	-	-	-	-	-	-	-	-	-	-	-	690
54640	Newmarket Northwest EMS Station	-	-	125	2,706	500	-	-	-	-	-	-	-	-	-	3,331
54645	Newmarket Southeast EMS Station	-	-	625	1,353	1,353	-	-	-	-	-	-	-	-	-	3,331
54655	Aurora Paramedic Response Station Renovation	-	150	50	-	-	-	-	-	-	-	-	-	-	-	200
	<b>Sub Total Rehabilitation/Replacement</b>	<b>16,218</b>	<b>4,335</b>	<b>9,410</b>	<b>9,294</b>	<b>5,191</b>	<b>6,392</b>	<b>3,336</b>	<b>3,714</b>	<b>4,380</b>	<b>4,303</b>	<b>3,203</b>	<b>5,500</b>	<b>-</b>	<b>-</b>	<b>75,276</b>
<b>Growth/Expansion</b>																
54301	EMS Vehicles - New	146	700	250	450	225	450	-	450	-	450	-	450	-	-	3,571
54510	Maple EMS Station	141	-	-	750	1,836	-	-	-	-	-	-	-	-	-	2,727
54580	South Woodbridge EMS Station	3	-	-	1,534	-	-	-	-	-	-	-	-	-	-	1,537
54601	Richmond Hill SE EMS Station	-	-	-	750	-	-	-	1,976	-	-	-	-	-	-	2,726
54650	South Markham EMS Station	-	-	-	750	1,977	-	-	-	-	-	-	-	-	-	2,727
54665	Oak Ridges EMS Station	-	-	-	325	-	-	1,160	-	-	-	-	-	-	-	1,485
54670	Ballantrae EMS Station	-	-	-	-	125	-	-	-	-	1,160	-	-	-	-	1,285
54675	Thornhill EMS Station	-	-	750	-	-	-	-	-	1,976	-	-	-	-	-	2,726
	<b>Sub Total Growth/Expansion</b>	<b>290</b>	<b>700</b>	<b>1,000</b>	<b>4,559</b>	<b>4,163</b>	<b>450</b>	<b>1,160</b>	<b>2,426</b>	<b>1,976</b>	<b>1,610</b>	<b>-</b>	<b>450</b>	<b>-</b>	<b>-</b>	<b>18,784</b>
<b>Enhancement/Improvement</b>																
54610	Real Time Driver Feedback System	-	210	90	-	-	-	-	-	-	-	-	-	-	-	300
54630	Multi-Patient Ambulance	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	1,000
54635	Ambulance Tail-Lift Retrofit	-	294	466	-	-	-	-	-	-	-	-	-	-	-	760
54695	In-Vehicle Computer Aided Dispatch (CAD) for EMS	-	-	300	-	-	-	-	-	-	-	-	-	-	-	300
	<b>Sub Total Enhancement/Improvement</b>	<b>-</b>	<b>504</b>	<b>1,856</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,360</b>
	<b>Total Tangible Capital Assets</b>	<b>16,508</b>	<b>5,539</b>	<b>12,266</b>	<b>13,853</b>	<b>9,354</b>	<b>6,842</b>	<b>4,496</b>	<b>6,140</b>	<b>6,356</b>	<b>5,913</b>	<b>3,203</b>	<b>5,950</b>	<b>-</b>	<b>-</b>	<b>96,420</b>

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Emergency Medical Services  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
(In \$000's)															
<b>TOTAL GROSS EXPENDITURES</b>															
		16,508	5,539	12,266	13,853	9,354	6,842	4,496	6,140	6,356	5,913	3,203	5,950	-	96,420

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: Current Tax Levy	14,099	3,358	3,014	2,823	2,971	3,357	2,836	3,179	3,180	3,368	2,803	3,065	-	48,053
Development Charges	88	562	-	385	192	385	-	385	-	385	-	385	-	2,767
Reserve: Debt Reduction Fund	-	35	3,618	862	118	-	-	-	-	-	-	-	-	4,633
Reserve: General Capital	2,321	1,584	2,765	600	400	3,100	500	600	1,200	1,000	400	2,500	-	16,970
<b>Sub Total Regional</b>	<b>16,508</b>	<b>5,539</b>	<b>9,397</b>	<b>4,670</b>	<b>3,681</b>	<b>6,842</b>	<b>3,336</b>	<b>4,164</b>	<b>4,380</b>	<b>4,753</b>	<b>3,203</b>	<b>5,950</b>	-	<b>72,423</b>
TOTAL AVAILABLE FINANCING	16,508	5,539	9,397	4,670	3,681	6,842	3,336	4,164	4,380	4,753	3,203	5,950	-	72,423
TOTAL DEBENTURE REQUIREMENTS	-	-	2,869	9,183	5,673	-	1,160	1,976	1,976	1,160	-	-	-	23,997
TOTAL FINANCING SOURCES	16,508	5,539	12,266	13,853	9,354	6,842	4,496	6,140	6,356	5,913	3,203	5,950	-	96,420
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debt Proceeds DC	-	-	1,016	3,519	2,730	-	992	-	-	992	-	-	-	9,249
Debt Proceeds Tax Levy	-	-	1,853	5,664	2,943	-	168	1,976	1,976	168	-	-	-	14,748
TOTAL DEBENTURE REQUIREMENTS	-	-	2,869	9,183	5,673	-	1,160	1,976	1,976	1,160	-	-	-	23,997



**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
10 Year Financing Sources by Project 2013 - 2022**

(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	2,725	358	250	-	2,117	-	-	-
54420	Holland Landing EMS Station	2,227	-	696	1,531	-	-	-	-
54490	Pefferlaw EMS Station	1,645	-	396	1,249	-	-	-	-
54510	Maple EMS Station	2,586	-	514	2,072	-	-	-	-
54520	EMS Vehicles - Replacement	30,486	29,938	548	-	-	-	-	-
54540	EMS Paramedics Defibrillators Replacement	4,200	-	4,200	-	-	-	-	-
54580	South Woodbridge EMS Station	1,534	-	-	1,534	-	-	-	-
54590	Markham Station - 280 Church	1,992	-	1,992	-	-	-	-	-
54600	Medical Equipment Replacement	6,865	-	6,865	-	-	-	-	-
54601	Richmond Hill SE EMS Station	2,726	-	-	2,726	-	-	-	-
54602	EMS Regional Radio Network	200	-	200	-	-	-	-	-
54610	Real Time Driver Feedback System	90	-	90	-	-	-	-	-
54625	EMS Security System Upgrade	396	300	96	-	-	-	-	-
54630	Multi-Patient Ambulance	1,000	-	1,000	-	-	-	-	-
54635	Ambulance Tail-Lift Retrofit	466	-	466	-	-	-	-	-
54640	Newmarket Northwest EMS Station	3,331	-	-	3,331	-	-	-	-
54645	Newmarket Southeast EMS Station	3,331	-	-	3,331	-	-	-	-
54650	South Markham EMS Station	2,727	-	-	2,727	-	-	-	-
54655	Aurora Paramedic Response Station Renovation	50	-	50	-	-	-	-	-
54665	Oak Ridges EMS Station	1,485	-	-	1,485	-	-	-	-
54670	Ballantrae EMS Station	1,285	-	-	1,285	-	-	-	-
54675	Thornhill EMS Station	2,726	-	-	2,726	-	-	-	-
54695	In-Vehicle Computer Aided Dispatch (CAD) for EMS	300	-	300	-	-	-	-	-
<b>Total Tax Supported</b>		<b>74,373</b>	<b>30,596</b>	<b>17,663</b>	<b>23,997</b>	<b>2,117</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
54420	Holland Landing EMS Station	3	-	350	-	-	-	-	-	350	353
54490	Pefferlaw EMS Station	220	35	1,645	-	-	-	-	-	1,645	1,900
54520	EMS Vehicles - Replacement	14,041	2,616	3,262	-	-	-	-	-	3,262	19,919
54540	EMS Paramedics Defibrillators Replacement	1,759	-	-	-	-	-	-	-	-	1,759
54590	Markham Station - 280 Church	26	-	1,992	-	-	-	-	-	1,992	2,018
54600	Medical Equipment Replacement	169	1,240	965	-	-	-	-	-	965	2,374
54625	EMS Security System Upgrade	-	294	396	-	-	-	-	-	396	690
54640	Newmarket Northwest EMS Station	-	-	125	-	-	-	-	-	125	125
54645	Newmarket Southeast EMS Station	-	-	625	-	-	-	-	-	625	625
54655	Aurora Paramedic Response Station Renovation	-	150	50	-	-	-	-	-	50	200
<b>Sub Total Rehabilitation/Replacement</b>		<b>16,218</b>	<b>4,335</b>	<b>9,410</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,410</b>	<b>29,963</b>
<b>Growth/Expansion</b>											
54301	EMS Vehicles - New	146	700	250	-	-	-	-	-	250	1,096
54510	Maple EMS Station	141	-	-	-	-	-	-	-	-	141
54580	South Woodbridge EMS Station	3	-	-	-	-	-	-	-	-	3
54675	Thornhill EMS Station	-	-	750	-	-	-	-	-	750	750
<b>Sub Total Growth/Expansion</b>		<b>290</b>	<b>700</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000</b>	<b>1,990</b>
<b>Enhancement/Improvement</b>											
54610	Real Time Driver Feedback System	-	210	90	-	-	-	-	-	90	300
54630	Multi-Patient Ambulance	-	-	1,000	-	-	-	-	-	1,000	1,000
54635	Ambulance Tail-Lift Retrofit	-	294	466	-	-	-	-	-	466	760
54695	In-Vehicle Computer Aided Dispatch (CAD) for EMS	-	-	300	-	-	-	-	-	300	300
<b>Sub Total Enhancement/Improvement</b>		<b>-</b>	<b>504</b>	<b>1,856</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,856</b>	<b>2,360</b>
<b>Total Tangible Capital Assets</b>		<b>16,508</b>	<b>5,539</b>	<b>12,266</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,266</b>	<b>34,313</b>
<b>TOTAL GROSS EXPENDITURES</b>		<b>16,508</b>	<b>5,539</b>	<b>12,266</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,266</b>	<b>34,313</b>

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	14,099	3,358	3,014	-	-	-	-	-	3,014	20,471
Development Charges	88	562	-	-	-	-	-	-	-	650
Reserve: Debt Reduction Fund	-	35	3,618	-	-	-	-	-	3,618	3,653
Reserve: General Capital	2,321	1,584	2,765	-	-	-	-	-	2,765	6,670
<b>Sub Total Regional</b>	<b>16,508</b>	<b>5,539</b>	<b>9,397</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,397</b>	<b>31,444</b>
TOTAL AVAILABLE FINANCING	16,508	5,539	9,397	-	-	-	-	-	9,397	31,444
TOTAL DEBENTURE REQUIREMENTS	-	-	2,869	-	-	-	-	-	2,869	2,869
TOTAL FINANCING SOURCES	16,508	5,539	12,266	-	-	-	-	-	12,266	34,313
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds DC	-	-	1,016	-	-	-	-	-	1,016	1,016
Debtenture Proceeds Tax Levy	-	-	1,853	-	-	-	-	-	1,853	1,853
Total Debtenture Requirements	-	-	2,869	-	-	-	-	-	2,869	2,869

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
2013 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	250	-	250	-	-	-	-	-
54420	Holland Landing EMS Station	350	-	230	120	-	-	-	-
54490	Pefferlaw EMS Station	1,645	-	396	1,249	-	-	-	-
54520	EMS Vehicles - Replacement	3,262	2,714	548	-	-	-	-	-
54590	Markham Station - 280 Church	1,992	-	1,992	-	-	-	-	-
54600	Medical Equipment Replacement	965	-	965	-	-	-	-	-
54610	Real Time Driver Feedback System	90	-	90	-	-	-	-	-
54625	EMS Security System Upgrade	396	300	96	-	-	-	-	-
54630	Multi-Patient Ambulance	1,000	-	1,000	-	-	-	-	-
54635	Ambulance Tail-Lift Retrofit	466	-	466	-	-	-	-	-
54640	Newmarket Northwest EMS Station	125	-	-	125	-	-	-	-
54645	Newmarket Southeast EMS Station	625	-	-	625	-	-	-	-
54655	Aurora Paramedic Response Station Renovation	50	-	50	-	-	-	-	-
54675	Thornhill EMS Station	750	-	-	750	-	-	-	-
54695	In-Vehicle Computer Aided Dispatch (CAD) for EMS	300	-	300	-	-	-	-	-
<b>Total Tax Supported</b>		<b>12,266</b>	<b>3,014</b>	<b>6,383</b>	<b>2,869</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
54301	EMS Vehicles - New	450	-	-	-	-	-	-	-	-	-	-	-	450
54420	Holland Landing EMS Station	1,877	-	-	-	-	-	-	-	-	-	-	-	1,877
54510	Maple EMS Station	750	-	-	-	-	-	-	-	-	-	-	-	750
54520	EMS Vehicles - Replacement	2,758	-	-	-	-	-	-	-	-	-	-	-	2,758
54580	South Woodbridge EMS Station	1,534	-	-	-	-	-	-	-	-	-	-	-	1,534
54600	Medical Equipment Replacement	400	-	-	-	-	-	-	-	-	-	-	-	400
54601	Richmond Hill SE EMS Station	750	-	-	-	-	-	-	-	-	-	-	-	750
54602	EMS Regional Radio Network	200	-	-	-	-	-	-	-	-	-	-	-	200
54640	Newmarket Northwest EMS Station	2,706	500	-	-	-	-	-	-	-	-	-	-	3,206
54645	Newmarket Southeast EMS Station	1,353	1,353	-	-	-	-	-	-	-	-	-	-	2,706
54650	South Markham EMS Station	750	-	-	-	-	-	-	-	-	-	-	-	750
54665	Oak Ridges EMS Station	325	-	-	-	-	-	-	-	-	-	-	-	325
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>13,853</b>	<b>1,853</b>	-	-	-	-	-	-	-	-	-	-	<b>15,706</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
2013 Capital Spending Authority		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Incremental 2014 Capital Spending Authority</b>		<b>13,853</b>	<b>1,853</b>	-	-	-	-	-	-	-	-	-	-	<b>15,706</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>13,853</b>	<b>1,853</b>	-	-	-	-	-	-	-	-	-	-	<b>15,706</b>

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	2,823	-	-	-	-	-	-	-	-	-	2,823
Development Charges	385	-	-	-	-	-	-	-	-	-	385
Reserve: Debt Reduction Fund	862	-	-	-	-	-	-	-	-	-	862
Reserve: General Capital	600	-	-	-	-	-	-	-	-	-	600
<b>Sub Total Regional</b>	<b>4,670</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,670</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>4,670</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,670</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>9,183</b>	<b>1,853</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,036</b>
<b>TOTAL FINANCING SOURCES</b>	<b>13,853</b>	<b>1,853</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15,706</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debt Proceeds DC	3,519	-	-	-	-	-	-	-	-	-	3,519
Debt Proceeds Tax Levy	5,664	1,853	-	-	-	-	-	-	-	-	7,517
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>9,183</b>	<b>1,853</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,036</b>

**2013 Business Plan and Budget  
Community & Health Services  
Emergency Medical Services  
2014 Incremental Capital Spending Authority Financing Sources by Project  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtore Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
54301	EMS Vehicles - New	450	65	-	-	385	-	-	-
54420	Holland Landing EMS Station	1,877	-	466	1,411	-	-	-	-
54510	Maple EMS Station	750	-	396	354	-	-	-	-
54520	EMS Vehicles - Replacement	2,758	2,758	-	-	-	-	-	-
54580	South Woodbridge EMS Station	1,534	-	-	1,534	-	-	-	-
54600	Medical Equipment Replacement	400	-	400	-	-	-	-	-
54601	Richmond Hill SE EMS Station	750	-	-	750	-	-	-	-
54602	EMS Regional Radio Network	200	-	200	-	-	-	-	-
54640	Newmarket Northwest EMS Station	3,206	-	-	3,206	-	-	-	-
54645	Newmarket Southeast EMS Station	2,706	-	-	2,706	-	-	-	-
54650	South Markham EMS Station	750	-	-	750	-	-	-	-
54665	Oak Ridges EMS Station	325	-	-	325	-	-	-	-
<b>Total Tax Supported</b>		<b>15,706</b>	<b>2,823</b>	<b>1,462</b>	<b>11,036</b>	<b>385</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Emergency Medical Services  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	-	1,947	39	40	40	41	43	43	44	45
General Expenses	-	280	80	160	-	160	-	160	-	160
Occupancy and R&M Costs	38	19	57	57	-	-	38	19	19	-
Program Specific Expenses	62	31	93	93	-	-	62	31	31	-
Financing Costs	27	409	1,080	632	12	154	248	238	131	(1)
<b>Total Expenditures</b>	<b>127</b>	<b>2,686</b>	<b>1,349</b>	<b>982</b>	<b>52</b>	<b>355</b>	<b>391</b>	<b>491</b>	<b>225</b>	<b>204</b>
<b>Revenues</b>										
Development Charges	10	146	406	319	11	112	(0)	11	113	(0)
<b>Total Revenues</b>	<b>10</b>	<b>146</b>	<b>406</b>	<b>319</b>	<b>11</b>	<b>112</b>	<b>(0)</b>	<b>11</b>	<b>113</b>	<b>(0)</b>
<b>Total Net Impact on Tax Levy</b>	<b>117</b>	<b>2,540</b>	<b>943</b>	<b>663</b>	<b>42</b>	<b>243</b>	<b>391</b>	<b>480</b>	<b>113</b>	<b>204</b>



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## Capital Strategy

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 through the Provincial Government for both long term care beds and community programs.

Capital strategy for the next ten years includes plans to:

- Replace equipment in conjunction with life cycle planning
- Modernize office and residential areas following corporate standards
- Meet MOHLTC compliance with legislation
- Expand the number of municipal LTC beds in the Region

## Key Initiatives

Long Term Care has identified the following future 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) – 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 operational equipment in both Homes
- Project timeline – 2013 (\$368,000)

### Office Spaces - Furniture and Equipment Standardization

- LTC, with the assistance of Property Services, has conducted a review of all office space accommodating Regional Staff, including staff lounges, shared resource computer areas and staff meeting rooms. Phase 1 has been completed in both Homes and all ACL sites, with corporate space and furniture standards followed in the upgrades.
- Phase 2 includes some minor changes and upgrades due to staff reorganization and workspace changes that require furniture to be replaced.
- Project timeline – 2013-2014 (\$50,000)

### 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 ACL 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.
- Capital costs totalling \$750,000 include:
  - LTC Homes interior decorations - \$475,000
  - Seniors Community Programs (ACL) units furnishings - \$160,000
  - Adult Day Centres client furnishings - \$115,000
- Project timeline – 2013-2014

### Redevelopment of Resident Dining Rooms Serveries

- LTC conducted in 2010 a dietary operational review at Newmarket Health Centre and Maple Health Centre to outline recommendations for improvements, and measure compliance against the new Long Term Care Homes Act, 2007 and MOHLTC standards.

- Detailed on-site review of current practices with MOHLTC standards included food and meal production systems and practices, sanitation practices, food quality, dining experiences, labour analysis, quality improvement tools being used, and equipment needs.
- To implement the recommendations from the operational review, the resident dining serveries need to be renovated and equipment needs to be replaced in all resident servery spaces; a total of 9 spaces in both Homes. This includes new servery equipment, flooring, mill work/cabinetry, kitchen equipment and architectural, mechanical, electrical and structural work.
- Project timeline – 2013 (\$1,350,000).

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

- With the passing of the Act and 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 has 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.
- Project timeline – 2013-2015 (\$3,000,000)

## **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 – 2013 (\$100,000)

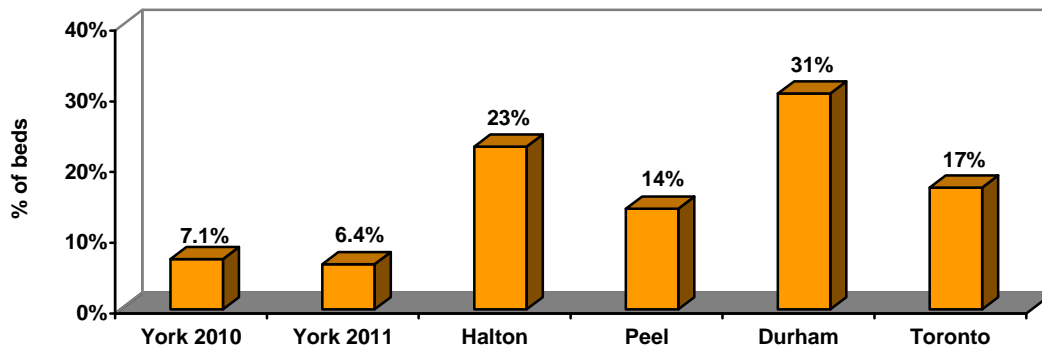
## **Program Space expansion - Maple Adult Day Centre**

- Maple Adult Day Centre currently operates Day Programs within dedicated space in Maple Health Centre. Over 110 clients participate in day programs and services 5 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 program quality issue for the program.
- LTC is planning some minor renovations in 2013 and redesign to increase the program space by approx 5,000sq.ft. in 2015-2016.
- Project timeline –
  - 2013 – Minor Renovations (\$100,000);
  - 2015 Redesign (\$500,000) / 2016 Construction (\$1,500,000)

## Program Expansion - LTC beds

York Region has the lowest percent of municipal operated LTC beds compared to the total LTC beds in the Region, and compared to the neighboring Greater Toronto Area communities. York Region is currently operating approximately 6.4% of the beds in York Region. By comparison, the percentage of beds operated by Halton, Peel, Durham and Toronto are approximately 23%, 14%, 31% and 17% respectively in 2011.

**Regionally Operated LTC Beds v/s Total Beds by Region**



## Maple Health Centre

- Feasibility study for expansion at this site confirmed several viable options. In the short-medium term the most viable, cost effective and least disruptive option is a 28-bed expansion through the construction of two connecting wings that would create an internal courtyard. This expansion option will increase the size of the units from 24-26 beds to the current Ministry standard of 32 beds and will have a positive impact on operational costs and efficiencies at the home.
- As opportunity presents, application to Ministry of Health and Long Term Care (MOHLTC) for an additional 28 beds and funding for expansion at the Maple Health Centre Campus will be done. This may also provide an opportunity to relocate the 15 convalescent care beds to this new unit.
- Project timeline – 2019-2021 (\$4,536,000)

## Georgina Health Centre

- Develop and submit a proposal for a new 100 – 120 bed centre for northern York Region, potentially as part of a joint project with Housing York Inc to incorporate seniors housing and a long term care home, providing a continuum of care and services within a campus setting.
- Northern York Region has been identified as underserved in both seniors housing and long term care services.
- Project is contingent on MOHLTC funding, support of CLHIN and Council approval.
- Project timeline – 2020-2022 (\$19,800,000).

## **New Projects Added to the 2013 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 new *Long Term Care Homes Act, 2007* and Regulations.

### **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 time period.
- 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 – 2014 (\$500,000)

## Long Term Outlook

### Expenditures

The 10 year capital plan projects the increase of service levels of beds by 2022 with the construction and development of a new Health Centre in northern York Region, subject to an award from the Ministry or the Central LHIN and, as opportunity presents, the expansion of Maple Health Centre with the construction and development of 28 additional beds.

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.

### Pressures of Net Operating Impact of New Capital Projects

The net operating impact relates to construction and development of a new Health Centre and expansion of Maple Health Centre. Key operating impacts include debenture payments, the costs of operating the new / expanded facilities, including staffing (total of 157 FTEs for both projects) and program operating costs. These costs are offset by Provincial per diem based funding, resident accommodation revenue, Provincial capital funding and Development charges revenues.

Debt repayment costs are consolidated and reflected in the “Incremental Net Operating Impact of Capital on Tax Levy” section of the 2012 Capital Budget Financial Summary.

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
55244	Operational Equipment	338	487	165	165	165	165	165	165	165	165	165	165	165	2,475
55245	Resident Beds	690	325	203	203	203	203	203	203	203	203	203	203	203	3,045
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	12	50	100	2,000	900	-	-	-	-	-	-	-	-	3,062
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	301	24	25	-	-	-	-	-	-	-	-	-	-	375
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	-	75	250	500	-	-	-	-	-	-	-	-	-	825
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	57	100	1,350	-	-	100	-	-	-	-	-	100	-	1,707
59430	Conversion of Former Smoking Rooms (Newmarket)	-	-	100	-	-	-	-	-	-	-	-	-	-	100
59445	Nurse Call System	-	-	-	500	-	-	-	-	-	-	-	-	-	500
	<b>Sub Total Rehabilitation/Replacement</b>	<b>1,398</b>	<b>1,061</b>	<b>2,193</b>	<b>3,393</b>	<b>1,268</b>	<b>368</b>	<b>468</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>468</b>	<b>368</b>	<b>12,089</b>
<b>Growth/Expansion</b>															
59260	Georgina Health Centre (120 beds)	-	-	-	-	-	-	-	-	-	-	-	2,500	11,000	19,800
55215	Maple Health Centre- 28 Bed Addition	-	-	-	-	-	-	-	1,000	2,500	2,500	1,036	-	-	4,536
	<b>Sub Total Growth/Expansion</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000</b>	<b>5,000</b>	<b>5,000</b>	<b>12,036</b>	<b>6,300</b>	<b>-</b>	<b>24,336</b>
<b>Enhancement/Improvement</b>															
59450	Adult Day Centre Expansion	-	-	100	-	500	1,500	-	-	-	-	-	-	-	2,100
	<b>Sub Total Enhancement/Improvement</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>500</b>	<b>1,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,100</b>
	<b>Total Tangible Capital Assets</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>3,393</b>	<b>1,768</b>	<b>1,868</b>	<b>468</b>	<b>368</b>	<b>1,368</b>	<b>5,368</b>	<b>12,504</b>	<b>6,668</b>	<b>-</b>	<b>38,525</b>
	<b>TOTAL GROSS EXPENDITURES</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>3,393</b>	<b>1,768</b>	<b>1,868</b>	<b>468</b>	<b>368</b>	<b>1,368</b>	<b>5,368</b>	<b>12,504</b>	<b>6,668</b>	<b>-</b>	<b>38,525</b>



**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
			(In \$000's)											
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Reserve: General Capital	1,398	1,061	2,293	3,393	1,768	1,868	468	368	368	368	468	368	-	14,189
<b>Sub Total Regional</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>3,393</b>	<b>1,768</b>	<b>1,868</b>	<b>468</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>468</b>	<b>368</b>	<b>-</b>	<b>14,189</b>
TOTAL AVAILABLE FINANCING	1,398	1,061	2,293	3,393	1,768	1,868	468	368	368	368	468	368	-	14,189
TOTAL DEBENTURE REQUIREMENTS	-	-	-	-	-	-	-	-	1,000	5,000	12,036	6,300	-	24,336
TOTAL FINANCING SOURCES	1,398	1,061	2,293	3,393	1,768	1,868	468	368	1,368	5,368	12,504	6,668	-	38,525
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debtenture Proceeds DC	-	-	-	-	-	-	-	-	43	220	539	284	-	1,086
Debtenture Proceeds Tax Levy	-	-	-	-	-	-	-	-	208	1,070	2,631	1,383	-	5,292
Debtenture Proceeds Other	-	-	-	-	-	-	-	-	749	3,710	8,866	4,633	-	17,958
TOTAL DEBENTURE REQUIREMENTS	-	-	-	-	-	-	-	-	1,000	5,000	12,036	6,300	-	24,336

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
10 Year Financing Sources by Project 2013 - 2022**

(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)	3,000	-	3,000	-	-	-	-	-
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	50	-	50	-	-	-	-	-
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	750	-	750	-	-	-	-	-
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	1,550	-	1,550	-	-	-	-	-
59430	Conversion of Former Smoking Rooms (Newmarket)	100	-	100	-	-	-	-	-
59445	Nurse Call System	500	-	500	-	-	-	-	-
59260	Georgina Health Centre (120 beds)	19,800	-	-	19,800	-	-	-	-
55215	Maple Health Centre- 28 Bed Addition	4,536	-	-	4,536	-	-	-	-
59450	Adult Day Centre Expansion	2,100	-	2,100	-	-	-	-	-
<b>Total Tax Supported</b>		<b>36,066</b>	<b>-</b>	<b>11,730</b>	<b>24,336</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
55244	Operational Equipment	338	487	165	-	-	-	-	-	165	990
55245	Resident Beds	690	325	203	-	-	-	-	-	203	1,218
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	12	50	100	-	-	-	-	-	100	162
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	301	24	25	-	-	-	-	-	25	350
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	-	75	250	500	-	-	-	-	750	825
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	57	100	1,350	-	-	-	-	-	1,350	1,507
59430	Conversion of Former Smoking Rooms (Newmarket)	-	-	100	-	-	-	-	-	100	100
	<b>Sub Total Rehabilitation/Replacement</b>	<b>1,398</b>	<b>1,061</b>	<b>2,193</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,693</b>	<b>5,152</b>
<b>Enhancement/Improvement</b>											
59450	Adult Day Centre Expansion	-	-	100	-	-	-	-	-	100	100
	<b>Sub Total Enhancement/Improvement</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>100</b>
	<b>Total Tangible Capital Assets</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,793</b>	<b>5,252</b>
	<b>TOTAL GROSS EXPENDITURES</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,793</b>	<b>5,252</b>

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015 (In \$000's)	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: General Capital	1,398	1,061	2,293	500	-	-	-	-	2,793	5,252
<b>Sub Total Regional</b>	<b>1,398</b>	<b>1,061</b>	<b>2,293</b>	<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,793</b>	<b>5,252</b>
TOTAL AVAILABLE FINANCING	1,398	1,061	2,293	500	-	-	-	-	2,793	5,252
TOTAL FINANCING SOURCES	1,398	1,061	2,293	500	-	-	-	-	2,793	5,252

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
2013 Capital Spending Authority Financing Sources by Project**

(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
55244	Operational Equipment	165	-	165	-	-	-	-	-
55245	Resident Beds	203	-	203	-	-	-	-	-
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	100	-	100	-	-	-	-	-
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	25	-	25	-	-	-	-	-
59415	LTC/Day Centres/Alternative Community Living (ACL) - Interior Decor	750	-	750	-	-	-	-	-
59420	Kitchen Upgrades (Newmarket Health Centre/Maple Health Centre)	1,350	-	1,350	-	-	-	-	-
59430	Conversion of Former Smoking Rooms (Newmarket)	100	-	100	-	-	-	-	-
59450	Adult Day Centre Expansion	100	-	100	-	-	-	-	-
<b>Total Tax Supported</b>		<b>2,793</b>	<b>-</b>	<b>2,793</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
55244	Operational Equipment	165	-	-	-	-	-	-	-	-	-	-	-	165
55245	Resident Beds	203	-	-	-	-	-	-	-	-	-	-	-	203
59405	LTC Act/Regulations Compliance (Newmarket Health Centre/Maple Health Centre)	2,000	900	-	-	-	-	-	-	-	-	-	-	2,900
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	25	-	-	-	-	-	-	-	-	-	-	-	25
59445	Nurse Call System	500	-	-	-	-	-	-	-	-	-	-	-	500
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>2,893</b>	<b>900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,793</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>500</b>
<b>Incremental 2014 Capital Spending Authority</b>		<b>2,893</b>	<b>900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,793</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>3,393</b>	<b>900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,293</b>

2013 Business Plan and Budget  
Community and Health Services  
Long Term Care  
2014 Incremental Capital Spending Authority

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: General Capital	2,893	900	-	-	-	-	-	-	-	-	3,793
<b>Sub Total Regional</b>	<b>2,893</b>	<b>900</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,793</b>
<b>External</b>											
TOTAL AVAILABLE FINANCING	2,893	900	-	-	-	-	-	-	-	-	3,793
TOTAL DEBENTURE FINANCING REQUIREMENTS	-	-	-	-	-	-	-	-	-	-	-
TOTAL FINANCING SOURCES	2,893	900	-	-	-	-	-	-	-	-	3,793

**2013 Business Plan and Budget  
Community & Health Services  
Long Term Care  
2014 Incremental 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)	2,900	-	2,900	-	-	-	-	-
59410	Office Standardization (Newmarket Health Centre/Maple Health Centre)	25	-	25	-	-	-	-	-
59445	Nurse Call System	500	-	500	-	-	-	-	-
<b>Total Tax Supported</b>		<b>3,793</b>	<b>-</b>	<b>3,793</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



2013 Business Plan and Budget  
 Community and Health Services  
 Long Term Care  
 Net Operating Impact of Capital Projects 2013 - 2022

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	-	-	-	-	-	-	-	-	-	2,140
Program Specific Expenses	-	-	-	-	-	-	-	-	-	430
Financing Costs	-	-	-	-	-	-	-	-	-	599
<b>Total Expenditures</b>	-	-	-	-	-	-	-	-	-	<b>3,169</b>
<b>Revenues</b>										
Fees and Charges	-	-	-	-	-	-	-	-	-	107
Grant Subsidies	-	-	-	-	-	-	-	-	-	1,506
Contribution From Reserves	-	-	-	-	-	-	-	-	-	177
<b>Total Revenues</b>	-	-	-	-	-	-	-	-	-	<b>1,790</b>
<b>Total Net Impact on Tax Levy</b>	-	-	-	-	-	-	-	-	-	<b>1,379</b>

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
52005	4261 Hwy 7, Markham	-	500	241	-	-	-	-	-	-	-	-	-	-	741
<b>Sub Total</b>	<b>Rehabilitation/Replacement</b>	<b>-</b>	<b>500</b>	<b>241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>741</b>
Total Tangible Capital Assets		-	500	241	-	-	-	-	-	-	-	-	-	-	741
<b>TOTAL GROSS EXPENDITURES</b>		<b>-</b>	<b>500</b>	<b>241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>741</b>

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
(In \$000's)														
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Development Charges	-	79	38	-	-	-	-	-	-	-	-	-	-	117
Reserve: General Capital	-	421	203	-	-	-	-	-	-	-	-	-	-	624
<b>Sub Total Regional</b>	-	<b>500</b>	<b>241</b>	-	-	-	-	-	-	-	-	-	-	<b>741</b>
TOTAL AVAILABLE FINANCING	-	500	241	-	-	-	-	-	-	-	-	-	-	741
TOTAL FINANCING SOURCES	-	500	241	-	-	-	-	-	-	-	-	-	-	741

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
10 Year Financing Sources by Project 2013 - 2022**

(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
52005	4261 Hwy 7, Markham	241	-	203	-	38	-	-	-
<b>Total Tax Supported</b>		<b>241</b>	<b>-</b>	<b>203</b>	<b>-</b>	<b>38</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
52005	4261 Hwy 7, Markham	-	500	241	-	-	-	-	-	241	741
<b>Sub Total</b>	<b>Rehabilitation/Replacement</b>	<b>-</b>	<b>500</b>	<b>241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>241</b>	<b>741</b>
<b>Total Tangible Capital Assets</b>		<b>-</b>	<b>500</b>	<b>241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>241</b>	<b>741</b>
<b>TOTAL GROSS EXPENDITURES</b>		<b>-</b>	<b>500</b>	<b>241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>241</b>	<b>741</b>

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015 (In \$000's)	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Development Charges	-	79	38	-	-	-	-	-	38	117
Reserve: General Capital	-	421	203	-	-	-	-	-	203	624
<b>Sub Total Regional</b>	-	<b>500</b>	<b>241</b>	-	-	-	-	-	<b>241</b>	<b>741</b>
TOTAL AVAILABLE FINANCING	-	500	241	-	-	-	-	-	241	741
TOTAL FINANCING SOURCES	-	500	241	-	-	-	-	-	241	741

**2013 Business Plan and Budget  
Community and Health Services  
Public Health  
2013 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
52005	4261 Hwy 7, Markham	241	-	203	-	38	-	-	-
<b>Total Tax Supported</b>		<b>241</b>	<b>-</b>	<b>203</b>	<b>-</b>	<b>38</b>	<b>-</b>	<b>-</b>	<b>-</b>

## Capital Strategy

The attached capital forecast totaling \$160.4 million (between 2013 and 2022) represents York Region's plan to deliver affordable permanent housing, and emergency and transitional housing for people with special needs. The Capital Strategy is aligned with the Community and Health Services Multi-Year Plan, the Corporate Strategic Plan and Vision 2051.

The mandate of Housing Services is to administer Regional housing related initiatives, social and affordable housing programs under the terms of the *Housing Services Act, 2011*, Canada-Ontario Affordable Housing Program and the Investment in Affordable Housing for Ontario (IAH) program. York Region Housing Services remains committed to developing strategies to increase affordable housing options for low and moderate-income households and to offer emergency accommodation to those who are homeless.

The new *Housing Services Act, 2011*, changed the Region's approach in how it meets the affordable housing needs of the community over the next twenty years. While this new legislation will allow the Region some flexibility in the delivery of housing services, it may not bring any additional funds in the long term. The IAH program will help to address housing need during the period of 2012-2015, but without stable, long-term funding programs, it is challenging for York Region to meet the housing needs of the community.

Housing Services will follow through on recommendations made in the Multi-Year Plan, which includes supporting healthy communities through a broad range of housing choices and supports to meet the diverse needs of residents. In order to better establish and measure these objectives, the Region will create a comprehensive, multi-year Housing and Homelessness Plan and report on progress, as per *Housing Services Act, 2011* requirements. The plan will include an assessment of the current and future local housing and homelessness needs and will establish objectives and targets to meet those needs.



## Key Initiatives

### Direct Delivery

Overall, this Capital Plan provides for the completion of 646 units in the period 2012-2016 as outlined below. York Region's municipal non-profit housing organization, Housing York Inc., will manage these units. Housing York Inc. manages a portfolio of 2,341 units in 35 communities across nine local municipalities.

### Regional Projects

The Capital Plan includes the delivery of the following projects:

- Lakeside Residences, Keswick: This 6-storey building with 97 units is located at the corner of The Queensway South and Church Street in Keswick. This project received an \$7.1 million allocation from Investing in Ontario funding and \$12.5 million from the IAH program. This project was selected as a result of a Request for Proposal conducted in 2010.
- Richmond Hill Housing and Community Hub, Richmond Hill: This project is a mix of 222 units of affordable rental housing and various supports for youth. The building will incorporate emergency and transitional housing for youth, office space, a youth services hub and a social enterprise space. This project will be funded by \$22.8 million of Investing in Ontario funding, a \$1 million contribution from the Town of Richmond Hill and \$39.3 million from the social housing and the social assistance reserves.
- Mackenzie Green, Richmond Hill: This nine-storey building with 140 units is located in the heart of Richmond Hill. This project received an allocation under the Affordable Housing Program Extension and will be completed in Q1 of 2013.
- Belinda's Place, Newmarket: Construction is expected to commence in 2013 on a 37 unit emergency shelter/transitional housing facility for single women to be owned by HYI and operated by Blue Door Shelters.
- Woodbridge Avenue, Vaughan: Planning is underway for the redevelopment of two existing HYI sites in Woodbridge to accommodate approximately 150 new apartment units for seniors, singles and families. The Region has approved \$1.5 million toward the planning, design and municipal approvals for this project.

## Long Term Outlook

### Expenditures

Ongoing economic uncertainty, both globally and locally, coupled with limited growth prospects and government austerity programs, has created a volatile economic environment. At the local level, population growth and increasing cost for housing create sustained pressure on the housing system as evidenced by a growing number of households in York Region on the centralized waiting list for social housing. The waiting list has increased by over 55% from 5,833 households in 2008 to over 9,100 households as of June 2012. The most recent Canada Mortgage and Housing Corporation rental housing survey found the overall vacancy rate in York Region at the end of 2011 was 0.8%. This vacancy rate represents a 1% decrease from 2010 and is still well below the healthy rental market benchmark of 3%. Rental costs continue to increase across the Region and this combination of low vacancies and increasing rents makes securing housing more difficult for low-income households.

### Investment in Affordable Housing (IAH) Program

York Region has received an allocation of approximately \$22 million in federal/provincial funding under the Investment in Affordable Housing (IAH) Program to support the development of affordable housing. While previous versions of the Affordable Housing Program (AHP) established firm program guidelines for funding, the IAH program allows municipalities more flexibility to choose programs that address local needs. Housing York Inc. and third party non-profit housing providers will deliver new rental housing units under this program. Any funding that flows to non-profit providers will be through the department's operating budget.

### Pressures of Net Operating Impact of New Capital Projects

The net operating impact of new Capital Projects relates to the development and construction of new multi-residential buildings and supporting community groups to construct housing. New FTEs will be requested as new buildings are incorporated into Housing York Inc.'s portfolio to ensure proper support and maintenance of the existing Regionally-owned housing stock.

Key operating impacts relate primarily to Housing York Inc. and include debenture repayments, increased operating costs and staffing costs. These costs are offset by rental revenue, Provincial capital funding under the *Canada-Ontario Affordable Housing Program* and Development Charges revenue.

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>GROSS EXPENDITURES</b>																
<b>Tangible Capital Assets</b>																
<b>Growth/Expansion</b>																
67510	Pre-Development Costs	347	85	80	80	80	80	80	80	80	80	80	80	80	80	1,232
67912	Vaughan Civic Centre (Mapleglen)	14,561	1,096	100	-	-	-	-	-	-	-	-	-	-	-	15,757
67915	Dew Street	7,789	400	100	-	-	-	-	-	-	-	-	-	-	-	8,289
67916	Woodbridge Revelopment	15	100	1,951	-	20,956	20,890	-	-	-	-	-	-	-	-	43,912
67917	Essex, Richmond Hill (Mackenzie Green)	7,330	100	30,827	-	-	-	-	-	-	-	-	-	-	-	38,257
67918	Belinda's Place - Emergency Housing	145	1,000	4,186	2,170	-	-	-	-	-	-	-	-	-	-	7,501
67921	Lakeside Residences Keswick	-	1,035	22,547	-	-	-	-	-	-	-	-	-	-	-	23,582
67922	RichmondHillHSGCommHub	-	7,200	300	37,200	18,400	-	-	-	-	-	-	-	-	-	63,100
	<b>Sub Total Growth/Expansion</b>	<b>30,187</b>	<b>11,016</b>	<b>60,091</b>	<b>39,450</b>	<b>39,436</b>	<b>20,970</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>201,630</b>
Total Tangible Capital Assets		30,187	11,016	60,091	39,450	39,436	20,970	80	80	80	80	80	80	80	80	201,630
<b>TOTAL GROSS EXPENDITURES</b>		<b>30,187</b>	<b>11,016</b>	<b>60,091</b>	<b>39,450</b>	<b>39,436</b>	<b>20,970</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>201,630</b>

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
			(In \$000's)											
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Development Charges	-	-	5,398	-	-	-	-	-	-	-	-	-	-	5,398
Other Revenues	9	-	-	-	-	-	-	-	-	-	-	-	-	9
Reserve: Social Housing	8,440	7,676	25,820	37,280	14,674	6,208	80	80	80	80	80	80	-	100,578
Reserve: Social Assistance	-	-	-	-	10,000	-	-	-	-	-	-	-	-	10,000
<b>Sub Total Regional</b>	<b>8,449</b>	<b>7,676</b>	<b>31,218</b>	<b>37,280</b>	<b>24,674</b>	<b>6,208</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>-</b>	<b>115,985</b>
<b>External</b>														
Federal Funding	7,069	1,170	4,735	-	4,526	4,526	-	-	-	-	-	-	-	22,026
Provincial Funding	4,950	1,170	17,490	1,670	4,526	4,526	-	-	-	-	-	-	-	34,332
Other Recoveries	-	1,000	-	500	-	-	-	-	-	-	-	-	-	1,500
<b>Sub Total External</b>	<b>12,019</b>	<b>3,340</b>	<b>22,225</b>	<b>2,170</b>	<b>9,052</b>	<b>9,052</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,858</b>
TOTAL AVAILABLE FINANCING	20,468	11,016	53,443	39,450	33,726	15,260	80	80	80	80	80	80	-	173,843
TOTAL DEBENTURE REQUIREMENTS	9,719	-	6,648	-	5,710	5,710	-	-	-	-	-	-	-	27,787
TOTAL FINANCING SOURCES	30,187	11,016	60,091	39,450	39,436	20,970	80	80	80	80	80	80	-	201,630
<b>DEBENTURE REPAYMENT SOURCES</b>														
RegionOfYorkHousing	-	-	6,648	-	3,495	3,495	-	-	-	-	-	-	-	13,638
Debenture Proceeds	9,719	-	-	-	-	-	-	-	-	-	-	-	-	9,719
Debenture Proceeds DC	-	-	-	-	2,215	2,215	-	-	-	-	-	-	-	4,430
TOTAL DEBENTURE REQUIREMENTS	9,719	-	6,648	-	5,710	5,710	-	-	-	-	-	-	-	27,787

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
10 Year Financing Sources by Project 2013 - 2022**

(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	800	-	800	-	-	-	-	-
67912	Vaughan Civic Centre (Mapleglen)	100	-	100	-	-	-	-	-
67915	Dew Street	100	-	100	-	-	-	-	-
67916	Woodbridge Revelopment	43,797	-	14,273	11,420	-	18,104	-	-
67917	Essex, Richmond Hill (MacKenzie Green)	30,827	-	13,320	6,648	1,389	9,470	-	-
67918	Belinda's Place - Emergency Housing	6,356	-	3,921	-	-	1,935	-	500
67921	Lakeside Residences Keswick	22,547	-	6,048	-	4,009	12,490	-	-
67922	RichmondHillHSGCommHub	55,900	-	55,900	-	-	-	-	-
<b>Total Tax Supported</b>		<b>160,427</b>	<b>-</b>	<b>94,462</b>	<b>18,068</b>	<b>5,398</b>	<b>41,999</b>	<b>-</b>	<b>500</b>

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Growth/Expansion</b>											
67510	Pre-Development Costs	347	85	80	-	-	-	-	-	80	512
67912	Vaughan Civic Centre (Mapleglen)	14,561	1,096	100	-	-	-	-	-	100	15,757
67915	Dew Street	7,789	400	100	-	-	-	-	-	100	8,289
67916	Woodbridge Revelopment	15	100	1,951	-	-	-	-	-	1,951	2,066
67917	Essex, Richmond Hill (MacKenzie Green)	7,330	100	30,827	-	-	-	-	-	30,827	38,257
67918	Belinda's Place - Emergency Housing	145	1,000	4,186	2,170	-	-	-	-	6,356	7,501
67921	Lakeside Residences Keswick	-	1,035	22,547	-	-	-	-	-	22,547	23,582
67922	Richmond Hill HSG Comm Hub	-	7,200	300	37,200	18,400	-	-	-	55,900	63,100
	<b>Sub Total Growth/Expansion</b>	<b>30,187</b>	<b>11,016</b>	<b>60,091</b>	<b>39,370</b>	<b>18,400</b>	-	-	-	<b>117,861</b>	<b>159,064</b>
	Total Tangible Capital Assets	30,187	11,016	60,091	39,370	18,400	-	-	-	117,861	159,064
	<b>TOTAL GROSS EXPENDITURES</b>	<b>30,187</b>	<b>11,016</b>	<b>60,091</b>	<b>39,370</b>	<b>18,400</b>	-	-	-	<b>117,861</b>	<b>159,064</b>

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Development Charges	-	-	5,398	-	-	-	-	-	5,398	5,398
Other Revenues	9	-	-	-	-	-	-	-	-	9
Reserve: Social Housing	8,440	7,676	25,820	37,200	8,400	-	-	-	71,420	87,536
Reserve: Social Assistance	-	-	-	-	10,000	-	-	-	10,000	10,000
<b>Sub Total Regional</b>	<b>8,449</b>	<b>7,676</b>	<b>31,218</b>	<b>37,200</b>	<b>18,400</b>	-	-	-	<b>86,818</b>	<b>102,943</b>
<b>External</b>										
Federal Funding	7,069	1,170	4,735	-	-	-	-	-	4,735	12,974
Provincial Funding	4,950	1,170	17,490	1,670	-	-	-	-	19,160	25,280
Other Recoveries	-	1,000	-	500	-	-	-	-	500	1,500
<b>Sub Total External</b>	<b>12,019</b>	<b>3,340</b>	<b>22,225</b>	<b>2,170</b>	-	-	-	-	<b>24,395</b>	<b>39,754</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>20,468</b>	<b>11,016</b>	<b>53,443</b>	<b>39,370</b>	<b>18,400</b>	-	-	-	<b>111,213</b>	<b>142,697</b>
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>9,719</b>	<b>-</b>	<b>6,648</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,648</b>	<b>16,367</b>
<b>TOTAL FINANCING SOURCES</b>	<b>30,187</b>	<b>11,016</b>	<b>60,091</b>	<b>39,370</b>	<b>18,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>117,861</b>	<b>159,064</b>
<b>DEBENTURE REPAYMENT SOURCES</b>										
RegionOfYorkHousing	-	-	6,648	-	-	-	-	-	6,648	6,648
Debenture Proceeds	9,719	-	-	-	-	-	-	-	-	9,719
<b>Total Debenture Requirements</b>	<b>9,719</b>	<b>-</b>	<b>6,648</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,648</b>	<b>16,367</b>

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
2013 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	80	-	80	-	-	-	-	-
67912	Vaughan Civic Centre (Mapleglen)	100	-	100	-	-	-	-	-
67915	Dew Street	100	-	100	-	-	-	-	-
67916	Woodbridge Revelopment	1,951	-	1,951	-	-	-	-	-
67917	Essex, Richmond Hill (MacKenzie Green)	30,827	-	13,320	6,648	1,389	9,470	-	-
67918	Belinda's Place - Emergency Housing	6,356	-	3,921	-	-	1,935	-	500
67921	Lakeside Residences Keswick	22,547	-	6,048	-	4,009	12,490	-	-
67922	RichmondHillHSGCommHub	55,900	-	55,900	-	-	-	-	-
<b>Total Tax Supported</b>		<b>117,861</b>	<b>-</b>	<b>81,420</b>	<b>6,648</b>	<b>5,398</b>	<b>23,895</b>	<b>-</b>	<b>500</b>



**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023 +)	Total Capital Spending Authority
<b>GROSS EXPENDITURES</b>												
<b>2014 Capital Spending Authority</b>												
67510	Pre-Development Costs	80	-	-	-	-	-	-	-	-	-	80
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>80</b>
<b>Cumulative 2014 Capital Spending Authority</b>												
2013 Capital Spending Authority		39,370	18,400	-	-	-	-	-	-	-	-	57,770
Incremental 2014 Capital Spending Authority		80	-	-	-	-	-	-	-	-	-	80
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>39,450</b>	<b>18,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57,850</b>

2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
2014 Incremental Capital Spending Authority

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Social Housing	80	-	-	-	-	-	-	-	-	-	80
<b>Sub Total Regional</b>	<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>80</b>
<b>External</b>											
TOTAL AVAILABLE FINANCING	80	-	-	-	-	-	-	-	-	-	80
TOTAL DEBENTURE FINANCING REQUIREMENTS	-	-	-	-	-	-	-	-	-	-	-
TOTAL FINANCING SOURCES	80	-	-	-	-	-	-	-	-	-	80

**2013 Business Plan and Budget**  
**Community & Health Services**  
**Housing Services**  
**2014 Incremental Capital Spending Authority Financing Sources by Project**  
**(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtore Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
67510	Pre-Development Costs	80	-	80	-	-	-	-	-
<b>Total Tax Supported</b>		<b>80</b>	<b>-</b>	<b>80</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Community and Health Services  
Housing Services  
Net Operating Impact of Capital Projects 2013 - 2022**

(In \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	145	-	596	80	-	-	-	-	-	-
General Expenses	-	512	-	-	823	-	-	-	-	-
Occupancy and R&M Costs	-	140	-	-	225	-	-	-	-	-
Program Specific Expenses	231	1,505	923	748	-	-	-	-	-	-
Financing Costs	76	333	71	368	297	-	-	-	-	-
<b>Total Expenditures</b>	<b>452</b>	<b>2,490</b>	<b>1,593</b>	<b>1,197</b>	<b>1,345</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Revenues</b>										
Contribution From Reserves	221	985	2,351	555	1,345	-	-	-	-	-
<b>Total Revenues</b>	<b>221</b>	<b>985</b>	<b>2,351</b>	<b>555</b>	<b>1,345</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Net Impact on Tax Levy</b>	<b>231</b>	<b>1,505</b>	<b>(758)</b>	<b>642</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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## Capital Strategy

The Information Technology capital plan focuses on programs 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, seventeen key initiatives were identified. Four of these – Asset Management, Business Intelligence; Customer Relationship Management; and Mobile Computing together with the Portal Initiative are active. The 2013 Information Technology capital plan includes funding for these programs.

## Key Initiatives

The following capital programs are key information technology initiatives.

### Replacement & Rehabilitation

#### Telecommunications

The Telecommunications capital program is completing the remaining activities to decommission the legacy telephony systems and to refresh network equipment. The program will also implement the same enhanced telephony systems for York Regional Police.

#### 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.

#### 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 program will advance the definition of the architectural constructs for the business architecture, information architecture, applications architecture and technology architecture.

This program 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 2013 this program will implement projects that 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.

## **Regional Fibre Network**

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. The study determined that, over time, a Region owned fibre optic infrastructure is more economical. This program contains the budget to replace a large portion of rented services with Region-owned infrastructure and to expand the telecom/broadband network. This program will also include a focus on implementing fibre lines in support of the VIVA initiatives in the Highway 7 corridor.

## **I. T. Equipment - (PC & Printer User Devices)**

This capital program budgets for the replacement of computing equipment such as PCs, laptop computers and departmental printers that are deployed to Regional staff. Beginning in 2011, PC's started being refreshed on a 4 year cycle, rather than the traditional PC refresh every 3 years. In the later part of 2012 and into 2013 this program will replace the installed base of PC and laptop computers and some printers that are more than four or five years old to ensure Regional staff have reliable technology and to enable the Region's move to the Microsoft Windows 7 – Office 2010 software. This program also provides funds for the Region's Microsoft licensing requirements.

## **I. T. Equipment - (Computer Room Equipment)**

This capital program budgets for the replacement of computing equipment installed in the Region's data centre and disaster recovery sites. During 2013 – 2014, this program will retire end-of-life infrastructure technology and replace it with current technology equipment while providing data processing and network capacity to meet growing Departmental requirements.

## **Regional Portal (York.ca)**

Beginning in 2008 the Region, in cooperation with the Town of Markham, began the development and implementation of portal technology to replace out-dated websites, and to better coordinate between their respective departments. This program contains budget amounts for the on-going support and update of the Portal system. The 2013 Capital project provides for an externally facing York.ca portal designed to meet the needs of residents of York Region.

## **Growth/Expansion**

### **Electronic Content Management System**

During 2013 and beyond, the Electronic Content Management program 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.

### **Enterprise Business 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 2013, the Enterprise Business Systems program 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.

### **Application Development & Integration**

This project 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.

**Mobile Computing** – this program will 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.

## **Improvements/Enhancements**

**Asset Management** – this program 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 program 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 program 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 program 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 program, 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.

**York Broadband Network** - this project supports the joint design and implementation of a York Broadband network in cooperation with the other public sector (Municipalities – Universities – Schools – Hospitals) participants.

## **Long Term Outlook (10 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 10 year outlook is for a general moderation in the 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 ongoing costs of hardware and software maintenance associated with growth in usage of existing hardware and software and implementation of new applications.

For 2013, the net operating impact involves two positions for ongoing support of previously approved capital projects. These include a Microsoft Systems Centre Senior Support Analyst, and a MSSC Technical Specialist - Assets. For 2014, the net operating impact includes 2 positions, an Electronic Document Management Systems (EDMS) Technical Specialist, and a Customer Relationship Management Senior Business Support Analyst.

For 2015, the net operating impact identifies an additional 3 positions for ongoing support of new Capital. These include Portal Business Support Analyst, Call Centre Systems Technical Specialist, and an Information Management Senior BSA.

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
(In \$000's)															
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
16655	Telecommunications	7,535	1,230	2,186	1,603	2,447	1,319	2,468	1,714	2,087	1,991	1,526	1,769	4,025	31,900
16660	Enterprise Architecture, Security & Risk	1,324	1,500	940	850	850	850	850	850	850	850	850	850	1,700	13,114
16670	Data Centre Facilities	616	30	200	1,200	3,031	-	-	-	-	-	-	-	-	5,077
16695	e-Portal	2,069	428	1,000	675	577	350	350	350	350	350	350	350	700	7,899
16760	ERP Data Management	252	201	10	166	100	100	100	100	100	100	100	100	200	1,629
16892	Regional Fibre Network	1,865	858	2,895	3,703	3,360	2,543	1,100	1,100	1,100	1,100	1,100	1,100	2,200	24,024
16895	IT Equipment (Printers/PCs)	15,954	3,182	7,936	5,280	5,295	5,009	5,129	5,154	5,180	6,153	6,286	6,315	13,792	90,665
16896	IT Equipment (Data Centre Equip)	3,567	1,597	1,167	1,135	1,752	2,125	893	1,651	666	1,192	2,101	921	2,222	20,989
	<b>Sub Total Rehabilitation/Replacement</b>	<b>33,182</b>	<b>9,026</b>	<b>16,334</b>	<b>14,612</b>	<b>17,412</b>	<b>12,296</b>	<b>10,890</b>	<b>10,919</b>	<b>10,333</b>	<b>11,736</b>	<b>12,313</b>	<b>11,405</b>	<b>24,839</b>	<b>195,297</b>
<b>Growth/Expansion</b>															
16690	Electronic Content Management System	2,500	480	2,300	2,390	1,640	790	390	40	40	40	40	40	80	10,770
16755	ERP Business Systems	1,168	825	931	681	875	925	525	575	825	825	575	575	1,650	10,955
16815	Application Development & Integration Program	436	168	1,500	575	575	625	625	675	675	675	675	675	1,350	9,229
16891	Mobile Computing	135	50	150	150	120	120	120	120	120	120	120	120	240	1,685
	<b>Sub Total Growth/Expansion</b>	<b>4,239</b>	<b>1,523</b>	<b>4,881</b>	<b>3,796</b>	<b>3,210</b>	<b>2,460</b>	<b>1,660</b>	<b>1,410</b>	<b>1,660</b>	<b>1,660</b>	<b>1,410</b>	<b>1,410</b>	<b>3,320</b>	<b>32,639</b>
<b>Enhancement/Improvement</b>															
16800	Business Intelligence	1,111	325	600	250	250	250	250	250	250	250	250	250	500	4,786
16810	Asset Management	1,023	658	1,153	1,007	550	400	400	700	400	400	400	700	800	8,591
16816	Customer Relationship Management (CRM) Solutions	82	800	2,250	1,450	1,150	500	200	200	200	200	200	200	400	7,832
16893	York Broadband Network	55	10	10	10	1,421	-	-	-	-	-	-	-	-	1,506
	<b>Sub Total Enhancement/Improvement</b>	<b>2,271</b>	<b>1,793</b>	<b>4,013</b>	<b>2,717</b>	<b>3,371</b>	<b>1,150</b>	<b>850</b>	<b>1,150</b>	<b>850</b>	<b>850</b>	<b>850</b>	<b>1,150</b>	<b>1,700</b>	<b>22,715</b>
	Total Tangible Capital Assets	39,692	12,342	25,228	21,125	23,993	15,906	13,400	13,479	12,843	14,246	14,573	13,965	29,859	250,651
	<b>TOTAL GROSS EXPENDITURES</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	<b>15,906</b>	<b>13,400</b>	<b>13,479</b>	<b>12,843</b>	<b>14,246</b>	<b>14,573</b>	<b>13,965</b>	<b>29,859</b>	<b>250,651</b>

**2013 Business Plan and Budget  
Finance Department  
Information Technology Services  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
(In \$000's)														
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Other Revenues	3	-	-	-	-	-	-	-	-	-	-	-	-	3
Reserve: Capital Replacement	8,824	3,684	10,308	8,729	10,145	8,970	10,165	10,169	9,557	10,933	11,482	10,545	23,026	136,537
Reserve: Computer Software Acquisition	2,242	1,292	776	776	776	700	725	750	776	803	831	860	1,813	13,120
Reserve: General Capital	28,491	4,834	9,337	7,824	9,862	2,626	-	-	-	-	-	-	-	62,974
Reserve: IT Development	-	2,532	4,807	3,796	3,210	3,610	2,510	2,560	2,510	2,510	2,260	2,560	5,020	37,885
<b>Sub Total Regional</b>	<b>39,560</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	<b>15,906</b>	<b>13,400</b>	<b>13,479</b>	<b>12,843</b>	<b>14,246</b>	<b>14,573</b>	<b>13,965</b>	<b>29,859</b>	<b>250,519</b>
<b>External</b>														
Other Recoveries	132	-	-	-	-	-	-	-	-	-	-	-	-	132
<b>Sub Total External</b>	<b>132</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>132</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	<b>15,906</b>	<b>13,400</b>	<b>13,479</b>	<b>12,843</b>	<b>14,246</b>	<b>14,573</b>	<b>13,965</b>	<b>29,859</b>	<b>250,651</b>
<b>TOTAL FINANCING SOURCES</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	<b>15,906</b>	<b>13,400</b>	<b>13,479</b>	<b>12,843</b>	<b>14,246</b>	<b>14,573</b>	<b>13,965</b>	<b>29,859</b>	<b>250,651</b>

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**10 Year Financing Sources by Project 2013 - 2022**  
**(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
16655	Telecommunications	19,110	-	19,110	-	-	-	-	-
16660	Enterprise Architecture, Security & Risk	8,590	-	8,590	-	-	-	-	-
16670	Data Centre Facilities	4,431	-	4,431	-	-	-	-	-
16690	Electronic Content Management System	7,710	-	7,710	-	-	-	-	-
16695	e-Portal	4,702	-	4,702	-	-	-	-	-
16755	ERP Business Systems	7,312	-	7,312	-	-	-	-	-
16760	ERP Data Management	976	-	976	-	-	-	-	-
16800	Business Intelligence	2,850	-	2,850	-	-	-	-	-
16810	Asset Management	6,110	-	6,110	-	-	-	-	-
16815	Application Development & Integration Program	7,275	-	7,275	-	-	-	-	-
16816	Customer Relationship Management (CRM) Solutions	6,550	-	6,550	-	-	-	-	-
16891	Mobile Computing	1,260	-	1,260	-	-	-	-	-
16892	Regional Fibre Network	19,101	-	19,101	-	-	-	-	-
16893	York Broadband Network	1,441	-	1,441	-	-	-	-	-
16895	IT Equipment (Printers/PCs)	57,737	-	57,737	-	-	-	-	-
16896	IT Equipment (Data Centre Equip)	13,603	-	13,603	-	-	-	-	-
<b>Total Tax Supported</b>		<b>168,758</b>	<b>-</b>	<b>168,758</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
Finance Department  
Information Technology Services  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
16655	Telecommunications	7,535	1,230	2,186	1,603	2,447	-	-	-	6,236	15,001
16660	Enterprise Architecture, Security & Risk	1,324	1,500	940	850	850	-	-	-	2,640	5,464
16670	Data Centre Facilities	616	30	200	1,200	3,031	-	-	-	4,431	5,077
16695	e-Portal	2,069	428	1,000	675	577	-	-	-	2,252	4,749
16760	ERP Data Management	252	201	10	166	100	-	-	-	276	729
16892	Regional Fibre Network	1,865	858	2,895	3,703	3,360	-	-	-	9,958	12,681
16895	IT Equipment (Printers/PCs)	15,954	3,182	7,936	5,280	5,295	-	-	-	18,511	37,647
16896	IT Equipment (Data Centre Equip)	3,567	1,597	1,167	1,135	1,752	-	-	-	4,054	9,218
	<b>Sub Total Rehabilitation/Replacement</b>	<b>33,182</b>	<b>9,026</b>	<b>16,334</b>	<b>14,612</b>	<b>17,412</b>	-	-	-	<b>48,358</b>	<b>90,566</b>
<b>Growth/Expansion</b>											
16690	Electronic Content Management System	2,500	480	2,300	2,390	1,640	-	-	-	6,330	9,310
16755	ERP Business Systems	1,168	825	931	681	875	-	-	-	2,487	4,480
16815	Application Development & Integration Program	436	168	1,500	575	575	-	-	-	2,650	3,254
16891	Mobile Computing	135	50	150	150	120	-	-	-	420	605
	<b>Sub Total Growth/Expansion</b>	<b>4,239</b>	<b>1,523</b>	<b>4,881</b>	<b>3,796</b>	<b>3,210</b>	-	-	-	<b>11,887</b>	<b>17,649</b>
<b>Enhancement/Improvement</b>											
16800	Business Intelligence	1,111	325	600	250	250	-	-	-	1,100	2,536
16810	Asset Management	1,023	658	1,153	1,007	550	-	-	-	2,710	4,391
16816	Customer Relationship Management (CRM) Solutions	82	800	2,250	1,450	1,150	-	-	-	4,850	5,732
16893	York Broadband Network	55	10	10	10	1,421	-	-	-	1,441	1,506
	<b>Sub Total Enhancement/Improvement</b>	<b>2,271</b>	<b>1,793</b>	<b>4,013</b>	<b>2,717</b>	<b>3,371</b>	-	-	-	<b>10,101</b>	<b>14,165</b>
	Total Tangible Capital Assets	39,692	12,342	25,228	21,125	23,993	-	-	-	70,346	122,380
	<b>TOTAL GROSS EXPENDITURES</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	-	-	-	<b>70,346</b>	<b>122,380</b>

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Other Revenues	3	-	-	-	-	-	-	-	-	3
Reserve: Capital Replacement	8,824	3,684	10,308	8,729	10,145	-	-	-	29,182	41,690
Reserve: Computer Software Acquisition	2,242	1,292	776	776	776	-	-	-	2,328	5,862
Reserve: General Capital	28,491	4,834	9,337	7,824	9,862	-	-	-	27,023	60,348
Reserve: IT Development	-	2,532	4,807	3,796	3,210	-	-	-	11,813	14,345
<b>Sub Total Regional</b>	<b>39,560</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	-	-	-	<b>70,346</b>	<b>122,248</b>
<b>External</b>										
Other Recoveries	132	-	-	-	-	-	-	-	-	132
<b>Sub Total External</b>	<b>132</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>132</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	-	-	-	<b>70,346</b>	<b>122,380</b>
<b>TOTAL FINANCING SOURCES</b>	<b>39,692</b>	<b>12,342</b>	<b>25,228</b>	<b>21,125</b>	<b>23,993</b>	-	-	-	<b>70,346</b>	<b>122,380</b>

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**2013 Capital Spending Authority Financing Sources by Project**  
**(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
16655	Telecommunications	6,236	-	6,236	-	-	-	-	-
16660	Enterprise Architecture, Security & Risk	2,640	-	2,640	-	-	-	-	-
16670	Data Centre Facilities	4,431	-	4,431	-	-	-	-	-
16690	Electronic Content Management System	6,330	-	6,330	-	-	-	-	-
16695	e-Portal	2,252	-	2,252	-	-	-	-	-
16755	ERP Business Systems	2,487	-	2,487	-	-	-	-	-
16760	ERP Data Management	276	-	276	-	-	-	-	-
16800	Business Intelligence	1,100	-	1,100	-	-	-	-	-
16810	Asset Management	2,710	-	2,710	-	-	-	-	-
16815	Application Development & Integration Program	2,650	-	2,650	-	-	-	-	-
16816	Customer Relationship Management (CRM) Solutions	4,850	-	4,850	-	-	-	-	-
16891	Mobile Computing	420	-	420	-	-	-	-	-
16892	Regional Fibre Network	9,958	-	9,958	-	-	-	-	-
16893	York Broadband Network	1,441	-	1,441	-	-	-	-	-
16895	IT Equipment (Printers/PCs)	18,511	-	18,511	-	-	-	-	-
16896	IT Equipment (Data Centre Equip)	4,054	-	4,054	-	-	-	-	-
<b>Total Tax Supported</b>		<b>70,346</b>	<b>-</b>	<b>70,346</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
16655	Telecommunications	-	-	1,319	-	-	-	-	-	-	-	-	-	1,319
16660	Enterprise Architecture, Security & Risk	-	-	850	-	-	-	-	-	-	-	-	-	850
16690	Electronic Content Management System	-	-	790	-	-	-	-	-	-	-	-	-	790
16695	e-Portal	-	-	350	-	-	-	-	-	-	-	-	-	350
16755	ERP Business Systems	-	-	925	-	-	-	-	-	-	-	-	-	925
16760	ERP Data Management	-	-	100	-	-	-	-	-	-	-	-	-	100
16800	Business Intelligence	-	-	250	-	-	-	-	-	-	-	-	-	250
16810	Asset Management	-	-	400	-	-	-	-	-	-	-	-	-	400
16815	Application Development & Integration Program	-	-	625	-	-	-	-	-	-	-	-	-	625
16816	Customer Relationship Management (CRM) Solutions	-	-	500	-	-	-	-	-	-	-	-	-	500
16891	Mobile Computing	-	-	120	-	-	-	-	-	-	-	-	-	120
16892	Regional Fibre Network	-	-	2,543	-	-	-	-	-	-	-	-	-	2,543
16895	IT Equipment (Printers/PCs)	-	-	5,009	-	-	-	-	-	-	-	-	-	5,009
16896	IT Equipment (Data Centre Equip)	-	-	2,125	-	-	-	-	-	-	-	-	-	2,125
<b>Total 2014 Incremental Capital Spending Authority</b>		-	-	<b>15,906</b>	-	-	-	-	-	-	-	-	-	<b>15,906</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
<b>2013 Capital Spending Authority</b>		<b>21,125</b>	<b>23,993</b>	-	-	-	-	-	-	-	-	-	-	<b>45,118</b>
<b>Incremental 2014 Capital Spending Authority</b>		-	-	<b>15,906</b>	-	-	-	-	-	-	-	-	-	<b>15,906</b>
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>21,125</b>	<b>23,993</b>	<b>15,906</b>	-	-	-	-	-	-	-	-	-	<b>61,024</b>

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Capital Replacement	-	-	8,970	-	-	-	-	-	-	-	8,970
Reserve: Computer Software Acquisition	-	-	700	-	-	-	-	-	-	-	700
Reserve: General Capital	-	-	2,626	-	-	-	-	-	-	-	2,626
Reserve: IT Development	-	-	3,610	-	-	-	-	-	-	-	3,610
<b>Sub Total Regional</b>	-	-	<b>15,906</b>	-	-	-	-	-	-	-	<b>15,906</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	-	-	<b>15,906</b>	-	-	-	-	-	-	-	<b>15,906</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL FINANCING SOURCES</b>	-	-	<b>15,906</b>	-	-	-	-	-	-	-	<b>15,906</b>

**2013 Business Plan and Budget**  
**Finance Department**  
**Information Technology Services**  
**2014 Incremental Capital Spending Authority Financing Sources by Project**  
(In \$000's)

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
16655	Telecommunications	1,319	-	1,319	-	-	-	-	-
16660	Enterprise Architecture, Security & Risk	850	-	850	-	-	-	-	-
16690	Electronic Content Management System	790	-	790	-	-	-	-	-
16695	e-Portal	350	-	350	-	-	-	-	-
16755	ERP Business Systems	925	-	925	-	-	-	-	-
16760	ERP Data Management	100	-	100	-	-	-	-	-
16800	Business Intelligence	250	-	250	-	-	-	-	-
16810	Asset Management	400	-	400	-	-	-	-	-
16815	Application Development & Integration Program	625	-	625	-	-	-	-	-
16816	Customer Relationship Management (CRM) Solutions	500	-	500	-	-	-	-	-
16891	Mobile Computing	120	-	120	-	-	-	-	-
16892	Regional Fibre Network	2,543	-	2,543	-	-	-	-	-
16895	IT Equipment (Printers/PCs)	5,009	-	5,009	-	-	-	-	-
16896	IT Equipment (Data Centre Equip)	2,125	-	2,125	-	-	-	-	-
<b>Total Tax Supported</b>		<b>15,906</b>	<b>-</b>	<b>15,906</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

2013 Business Plan and Budget  
 Finance Department  
 Information Technology Services  
 Net Operating Impact of Capital Projects 2013 - 2022

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Salaries and Benefits	-	702	624	22	24	22	22	23	26	-
General Expenses	-	48	93	69	76	6	127	34	13	19
<b>Total Expenditures</b>	-	<b>750</b>	<b>717</b>	<b>91</b>	<b>100</b>	<b>28</b>	<b>149</b>	<b>57</b>	<b>39</b>	<b>19</b>
<b>Total Net Impact on Tax Levy</b>	-	<b>750</b>	<b>717</b>	<b>91</b>	<b>100</b>	<b>28</b>	<b>149</b>	<b>57</b>	<b>39</b>	<b>19</b>

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## Capital Strategy

Property Services Branch will continue to develop a Capital Program to address strategic medium and long-term accommodation requirements of the Region. The 10 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)

1. 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.
2. A prime goal of the Accommodation Master Plan is to establish a series of consolidated service centres across the Region. 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 2018. 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.

### Rehabilitation Program

3. 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 BCA's are scheduled to be updated in 2013.

### Preventative Maintenance Programs (PMPs)

4. Implementation of Preventative Maintenance Programs (PMPs) throughout the portfolio which results in an extended life cycle for building structures and systems, and defers/reduces long-term capital expenditures.

### Energy Management Program

5. 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.

## Key Initiatives

The key initiatives are focussed on three distinct areas: rehabilitation and repair, provision of new space to improve program delivery, accommodate growth or satisfy changing space requirements (including the procurement & disposition of furniture), and energy conservation.

### 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 10 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.

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

Major rehabilitation initiatives for 2013 include:

- Projects at Water & Wastewater facilities, such as asphaltting driveways at numerous elevated towers
- Parking lot replacement and new lighting at the Newmarket Health Centre
- Parking lot redesign and replacement, and an emergency generator upgrade at the Maple Health Centre

### 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 new 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 2013 accommodation projects include:

- The establishment of a Vaughan Service Centre
- Detailed design of the Administrative Centre Annex (ACA) project, incorporating new Courts and an IT Data Centre, 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
- 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 at sites located in Pefferlaw and Vaughan
- Design and tender of the new Forestry Stewardship and Education Centre in Whitchurch-Stouffville. The Branch is responsible for project management and partial project funding (\$700,000)
- 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 2013.

The Region will continue to access both Federal and Provincial funding where available to offset these energy projects.

2013 Energy projects continuing from 2012 include:

- Continued implementation of recommendations from the Building Energy Feasibility Studies for Regional facilities, including Police. These include lighting and controls upgrades at the Administrative Centre, South Services Centre and 90 Bales Drive
- Energy Retrofits at a number of satellite facilities. These include lighting upgrades primarily funded from Ontario Power Authority incentives
- Finalization of Leadership in Energy and Environmental Design Existing Buildings (LEED EB) certification for the Administrative Centre
- Commissioning and roll-out of the newly rebuilt Environmental and Energy Management System (EEMS)

New and expanded 2013 Energy projects included as per capital detail summary:

- EEMS Outreach to take the EEMS to a broader market through a licensee knowledge portal
- Energy retro-commissioning to analyze and implement energy saving equipment and technologies at a number of Regional sites. This is an expansion of recommendations successfully implemented within the Administrative Centre
- Continuation of emission control upgrades on emergency generator for demand response at Aurora Sewage Pumping Station
- Solar photovoltaic cell (PV) installation at a number of Regional facilities is planned, but has not been included in the budget due to the uncertainty around the provincial

approval. In year approval will be sought if provincial approval is received to take advantage of the Feed-in-Tariff incentive

## **Real Estate Initiatives**

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

- Continuing acquisition of land to support the VIVA project
- Site for Transportation Services yard in North Markham
- Site for a YRT operations and maintenance facility in Richmond Hill/Markham

## **New Projects Added to the 2013 Budget Process**

The majority of Property Services capital projects relate to existing facilities and medium to long-term strategies.

Projects that have been introduced or extended into the 2013 cycle include the following:

- Construction of a new Administrative Centre Annex (ACA) in Newmarket for which the architectural detailed design phase is underway, with the construction phase scheduled from 2016 to 2018. The total estimated cost of the new 430,000 sq. ft. facility is approximately \$221 million.
- The new Operations and Maintenance Facility in Richmond Hill for York Region Rapid Transit Corporation (YRRTC). PSB staff will be involved in the construction process. The budget for this project is being carried by YRRTC
- Construction of a women's support shelter in Newmarket. PSB staff will project manage this initiative. The Region is currently finalizing negotiations for the acquisition of the property. The budget for this initiative is being carried by Community and Health Services
- Development of a new 77,000 sq. ft. service centre in Vaughan which will consolidate all Community and Health Services facilities in the south-west part of the Region. The estimated cost is approximately \$51.2 million and the majority of the development will take place in 2013
- The acquisition of the GO facility in Newmarket for York Region Transit Operations and Maintenance Centre as well as an EMS Paramedic Response Station. These project budgets are being carried by the respective client departments
- Installation of large solar photovoltaic arrays at three Regional sites under the Provincial Feed-In-Tariff program led by the Ontario Power Authority. The total cost of the projects is just over \$6.0 million. The project has a payback period of 10 years with an annual revenue forecast of over \$500K for a period of 20 years guaranteed upon signing of contract. Given the uncertainty of the Provincial approval, funding for this project has not been included in the 2013 budget. In year approval will be sought if provincial approval is received in order to take advantage of the Feed-in-Tariff incentive

## 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 2008 and 2009 have resulted in changes to the 10 year Capital Budget.

#### 10 Year Plan (2013 – 2022)

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 \$21.2 million in 2013, \$5.0 million annually between 2014 and 2018, and \$4.0 million in 2019

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 mean additional work will be required at these locations, and will result in additional leasing costs and more leased space required to meet growth needs over the next four years.

- Capital expenditures of \$81.3 million between 2013-2022

The Annex, incorporating new Courts and an IT Data Centre, will be a major project over the next 5 years. The total projected cost is estimated to be \$221.0 million. 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.

- Capital expenditures of \$219.2 million between 2013-2019

The completion of the new EMS Central Support Facility on Bales Drive in 2011 has resulted in space becoming available at other locations for temporary office space needs prior to the completion of the Annex. There will be some capital expenditure for renovations, furniture and moves in 2013.

- Capital expenditures of \$1.7 million in 2013 and 2.0 million in 2014

The next steps 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.

## Pressures of Net Operating Impact of New Capital Projects

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

- The 9060 Jane Street project will carry an operating cost of \$797K annually starting in 2014.
- Design and construction of the Administrative Centre Annex (ACA) in Newmarket (debt funded). Occupancy is projected for 2018, but there will be net operating cost leading up to 2016 and through the construction period until 2018. These costs pertain to temporary staff managing the delivery of the project as well as the cost of the facility where these staff will be located. The total costs for staff (including lease costs) are estimated at \$2.8M for the duration of the project. This includes approximately \$670K in temporary annual staffing costs and \$68,300 in annual lease costs for the period of 2016-2018 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 \$370,000 is estimated as the annual costs for additional staff managing the building operations, maintenance, and audio-visual support of the Annex after its completion in 2018.
- It should be noted that there will be subsequent net operating savings from facility consolidation that will take place starting in 2018/19. The net operating cost savings will be identified upon completion of the detailed design stage in late 2013.
- In addition, the 9060 Jane Street and Annex projects will carry a cost of debt repayment of \$411M between 2013 and 2039.
- Interim space intensification measures to accommodate growth until the Annex is complete. A full refitting of alternative sites is estimated at up to \$4.5 million between 2012 and 2014

Debt repayment costs are consolidated and reflected in the “Incremental Net Operating Impact of Capital on Tax Levy” section of the 2012 Capital Budget Financial Summary.

### 10 Year Plan (2013 – 2022)

- Combined costs of debt financing during the First 10 Year Plan for the Administrative Centre Annex and 9060 Jane Street projects is estimated at \$114 million.
- Approximately \$2.0-2.8 million 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
- Should Provincial approval be secured in 2013, the Solar PV panels (arrays) are to be funded from General Capital Reserves. The investment cost will be offset by the future revenue stream of about \$500K commencing in 2013 and guaranteed for 20 years.

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
															(In \$000's)
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Growth/Expansion</b>															
14722	Master Accommodation Plan (MAP) Implementation	14	1,000	21,200	5,000	5,000	5,000	5,000	5,000	4,000	-	-	-	-	51,214
14755	Security & Life Safety Projects	159	542	315	-	-	-	-	-	-	-	-	-	-	1,016
14763	Bales EMS Central Operations Centre (ISF)	20,071	300	120	-	-	-	-	-	-	-	-	-	-	20,491
14780	Central Service Centre - Pre Construction	1,505	1,375	5,516	700	185	-	-	-	-	-	-	-	-	9,281
14781	Central Service Centre - Construction	-	-	-	-	-	41,694	92,964	78,015	116	-	-	-	-	212,789
14858	CHS Capital Projects	-	-	738	-	-	-	-	-	-	-	-	-	-	738
<b>Sub Total Growth/Expansion</b>		<b>21,749</b>	<b>3,217</b>	<b>27,889</b>	<b>5,700</b>	<b>5,185</b>	<b>46,694</b>	<b>97,964</b>	<b>83,015</b>	<b>4,116</b>	-	-	-	-	<b>295,529</b>
<b>Enhancement/Improvement</b>															
14701	Energy Retrocommissioning	-	86	195	-	-	-	-	-	-	-	-	-	-	281
14702	Energy Retrofits - Various Existing Buildings	1,179	197	301	-	-	-	-	-	-	-	-	-	-	1,677
14740	Ontario Disability Act (ODA)	237	75	80	-	-	-	-	-	-	-	-	-	-	392
14800	Energy & Environmental Management System	189	185	50	-	-	-	-	-	-	-	-	-	-	424
14810	Property Services Branch (PSB) - Technology	321	207	130	-	-	-	-	-	-	-	-	-	-	658
14883	Telework Program	-	-	120	-	-	-	-	-	-	-	-	-	-	120
<b>Sub Total Enhancement/Improvement</b>		<b>1,926</b>	<b>750</b>	<b>876</b>	-	-	-	-	-	-	-	-	-	-	<b>3,552</b>
<b>Total Tangible Capital Assets</b>		<b>23,675</b>	<b>3,967</b>	<b>28,765</b>	<b>5,700</b>	<b>5,185</b>	<b>46,694</b>	<b>97,964</b>	<b>83,015</b>	<b>4,116</b>	-	-	-	-	<b>299,081</b>
<b>Non-Tangible Capital Assets</b>															
<b>Rehabilitation/Replacement</b>															
14703	Corporate Services - Facilities Rehab & Repair	1,688	475	420	307	8,691	835	1,871	7,224	313	996	195	2,317	-	25,332
14704	Corporate Services - All Facilities Rehab & Repair	69	41	250	100	100	100	100	100	100	100	100	117	-	1,277
14706	Roads Facilities Rehab & Repair	424	89	202	396	-	1,049	113	15	137	-	108	224	-	2,757
14707	Solid Waste Facilities Rehab & Repair	68	5	25	-	-	121	-	2	2	12	90	28	-	353
14708	Water & Waste Water Facilities Rehab & Repair	688	330	326	837	1,125	223	671	224	652	716	598	597	-	6,987
14709	York Region Transit Facilities Rehab & Repair	-	563	55	-	-	-	280	-	19	33	-	43	-	993
14712	Family & Child Services Facilities Rehab & Repair	168	64	20	40	8	66	60	23	-	116	9	38	-	612
14713	Long Term Care Facilities Rehab & Repair	1,654	808	887	91	771	-	1,960	-	2,159	512	-	703	-	9,545

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>Sub Total Rehabilitation/Replacement</b>				2,185	1,771	10,695	2,394	5,055	7,588	3,382	2,485	1,100	4,067	-	47,856
<b>Growth/Expansion</b>															
14855	Corporate Space Intensification Initiatives	2,620	125	-	-	-	-	-	-	-	-	-	-	-	7,075
14856	Corporate Furniture Management - Existing Furniture Program	-	53	50	50	50	50	50	50	50	50	50	50	-	553
14857	Courts Capital Projects	-	16	-	-	-	-	-	-	-	-	-	-	-	46
<b>Sub Total Growth/Expansion</b>				2,620	194	50	50	50	50	50	50	50	50	-	7,674
<b>Enhancement/Improvement</b>															
14721	LEED Existing Building certification	72	112	-	-	-	-	-	-	-	-	-	-	-	234
14731	Green Energy Act Planning	-	33	-	-	-	-	-	-	-	-	-	-	-	58
14750	Building Energy Studies	46	122	50	-	-	-	-	-	-	-	-	-	-	218
14775	Property Services Branch (PSB) - General Capital (Corporate)	431	150	300	300	300	300	300	300	300	300	300	300	-	3,581
14790	Interval Meters	9	10	20	-	-	-	-	-	-	-	-	-	-	39
14835	Audio-visual (AV) Equipment & Events	368	390	240	-	-	-	-	-	-	-	-	-	-	998
14882	Corporate Signage	-	-	110	50	50	50	50	50	50	50	50	50	-	560
14901	Project Management Fees	-	-	2,133	2,314	2,649	2,754	1,981	1,981	1,981	1,981	1,981	1,981	-	21,736
<b>Sub Total Enhancement/Improvement</b>				926	817	2,999	3,104	2,331	2,331	2,331	2,331	2,331	2,331	-	27,424
Total Non-Tangible Capital Assets				8,305	3,386	13,744	5,548	7,436	9,969	5,763	4,866	3,481	6,448	-	82,954
<b>TOTAL GROSS EXPENDITURES</b>				31,980	7,353	18,929	52,242	105,400	92,984	9,879	4,866	3,481	6,448	-	382,035

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>FINANCING SOURCES</b>															
<b>Regional</b>															
Reserve: Current Tax Levy	984	100	244	244	244	244	244	244	244	244	244	244	244	-	3,524
Reserve: Debt Reduction Fund	865	-	-	-	-	-	-	-	-	-	-	-	-	-	865
Reserve: Facilities Management	7,272	4,878	6,873	4,241	13,500	5,304	7,192	9,725	5,519	4,622	3,237	6,204	-	-	78,567
Reserve: General Capital	14,607	-	7,455	2,000	-	-	-	-	-	-	-	-	-	-	24,062
<b>Sub Total Regional</b>	<b>23,728</b>	<b>4,978</b>	<b>14,572</b>	<b>6,485</b>	<b>13,744</b>	<b>5,548</b>	<b>7,436</b>	<b>9,969</b>	<b>5,763</b>	<b>4,866</b>	<b>3,481</b>	<b>6,448</b>	<b>-</b>	<b>-</b>	<b>107,018</b>
<b>External</b>															
Federal Funding	4,204	-	-	-	-	-	-	-	-	-	-	-	-	-	4,204
Provincial Funding	4,049	-	-	-	-	-	-	-	-	-	-	-	-	-	4,049
<b>Sub Total External</b>	<b>8,253</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,253</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>31,981</b>	<b>4,978</b>	<b>14,572</b>	<b>6,485</b>	<b>13,744</b>	<b>5,548</b>	<b>7,436</b>	<b>9,969</b>	<b>5,763</b>	<b>4,866</b>	<b>3,481</b>	<b>6,448</b>	<b>-</b>	<b>-</b>	<b>115,271</b>
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>-</b>	<b>2,375</b>	<b>21,716</b>	<b>5,700</b>	<b>5,185</b>	<b>46,694</b>	<b>97,964</b>	<b>83,015</b>	<b>4,116</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>266,765</b>
<b>TOTAL FINANCING SOURCES</b>	<b>31,981</b>	<b>7,353</b>	<b>36,288</b>	<b>12,185</b>	<b>18,929</b>	<b>52,242</b>	<b>105,400</b>	<b>92,984</b>	<b>9,879</b>	<b>4,866</b>	<b>3,481</b>	<b>6,448</b>	<b>-</b>	<b>-</b>	<b>382,036</b>
<b>DEBENTURE REPAYMENT SOURCES</b>															
Debt Proceeds DC	-	-	2,292	-	-	-	-	-	-	-	-	-	-	-	2,292
Debt Proceeds Tax Levy	-	2,375	9,601	5,700	5,185	46,694	97,964	83,015	4,116	-	-	-	-	-	254,650
Debt Proceeds Other	-	-	9,823	-	-	-	-	-	-	-	-	-	-	-	9,823
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>-</b>	<b>2,375</b>	<b>21,716</b>	<b>5,700</b>	<b>5,185</b>	<b>46,694</b>	<b>97,964</b>	<b>83,015</b>	<b>4,116</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>266,765</b>



**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**10 Year Financing Sources by Project 2013 - 2022**  
**(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
14701	Energy Retrocommissioning	195	-	195	-	-	-	-	-
14702	Energy Retrofits - Various Existing Buildings	301	-	301	-	-	-	-	-
14703	Corporate Services - Facilities Rehab & Repair	23,169	-	23,169	-	-	-	-	-
14704	Corporate Services - All Facilities Rehab & Repair	1,167	-	1,167	-	-	-	-	-
14706	Roads Facilities Rehab & Repair	2,244	-	2,244	-	-	-	-	-
14707	Solid Waste Facilities Rehab & Repair	280	-	280	-	-	-	-	-
14708	Water & Waste Water Facilities Rehab & Repair	5,969	-	5,969	-	-	-	-	-
14709	York Region Transit Facilities Rehab & Repair	430	-	430	-	-	-	-	-
14712	Family & Child Services Facilities Rehab & Repair	380	-	380	-	-	-	-	-
14713	Long Term Care Facilities Rehab & Repair	7,083	-	7,083	-	-	-	-	-
14721	LEED Existing Building certification	50	-	50	-	-	-	-	-
14722	Master Accommodation Plan (MAP) Implementation	50,200	-	5,000	45,200	-	-	-	-
14731	Green Energy Act Planning	25	-	25	-	-	-	-	-
14740	Ontario Disability Act (ODA)	80	-	80	-	-	-	-	-
14750	Building Energy Studies	50	-	50	-	-	-	-	-
14755	Security & Life Safety Projects	315	-	315	-	-	-	-	-
14763	Bales EMS Central Operations Centre (ISF)	120	-	120	-	-	-	-	-
14775	Property Services Branch (PSB) - General Capital (Corporate)	3,000	2,440	560	-	-	-	-	-
14780	Central Service Centre - Pre Construction	6,401	-	-	6,401	-	-	-	-
14781	Central Service Centre - Construction	212,789	-	-	212,789	-	-	-	-
14790	Interval Meters	20	-	20	-	-	-	-	-
14800	Energy & Environmental Management System	50	-	50	-	-	-	-	-
14810	Property Services Branch (PSB) - Technology	130	-	130	-	-	-	-	-
14835	Audio-visual (AV) Equipment & Events	240	-	240	-	-	-	-	-
14855	Corporate Space Intensification Initiatives	4,330	-	4,330	-	-	-	-	-
14856	Corporate Furniture Management - Existing Furniture Program	500	-	500	-	-	-	-	-
14857	Courts Capital Projects	30	-	30	-	-	-	-	-
14858	CHS Capital Projects	738	-	738	-	-	-	-	-
14882	Corporate Signage	560	-	560	-	-	-	-	-
14883	Telework Program	120	-	120	-	-	-	-	-
14901	Project Management Fees	21,736	-	21,736	-	-	-	-	-

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**10 Year Financing Sources by Project 2013 - 2022**  
**(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
<b>Total Tax Supported</b>									
		342,702	2,440	75,872	264,390	-	-	-	-

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Growth/Expansion</b>											
14722	Master Accommodation Plan (MAP) Implementation	14	1,000	21,200	5,000	5,000	5,000	5,000	9,000	50,200	51,214
14755	Security & Life Safety Projects	159	542	315	-	-	-	-	-	315	1,016
14763	Bales EMS Central Operations Centre (ISF)	20,071	300	120	-	-	-	-	-	120	20,491
14780	Central Service Centre - Pre Construction	1,505	1,375	5,516	700	185	-	-	-	6,401	9,281
14858	CHS Capital Projects	-	-	738	-	-	-	-	-	738	738
	<b>Sub Total Growth/Expansion</b>	<b>21,749</b>	<b>3,217</b>	<b>27,889</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>9,000</b>	<b>57,774</b>	<b>82,740</b>
<b>Enhancement/Improvement</b>											
14701	Energy Retrocommissioning	-	86	195	-	-	-	-	-	195	281
14702	Energy Retrofits - Various Existing Buildings	1,179	197	301	-	-	-	-	-	301	1,677
14740	Ontario Disability Act (ODA)	237	75	80	-	-	-	-	-	80	392
14800	Energy & Environmental Management System	189	185	50	-	-	-	-	-	50	424
14810	Property Services Branch (PSB) - Technology	321	207	130	-	-	-	-	-	130	658
14883	Telework Program	-	-	120	-	-	-	-	-	120	120
	<b>Sub Total Enhancement/Improvement</b>	<b>1,926</b>	<b>750</b>	<b>876</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>876</b>	<b>3,552</b>
	<b>Total Tangible Capital Assets</b>	<b>23,675</b>	<b>3,967</b>	<b>28,765</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>9,000</b>	<b>58,650</b>	<b>86,292</b>
<b>Non-Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
14703	Corporate Services - Facilities Rehab & Repair	1,688	475	420	-	-	-	-	-	420	2,583
14704	Corporate Services - All Facilities Rehab & Repair	69	41	250	-	-	-	-	-	250	360
14706	Roads Facilities Rehab & Repair	424	89	202	-	-	-	-	-	202	715
14707	Solid Waste Facilities Rehab & Repair	68	5	25	-	-	-	-	-	25	98
14708	Water & Waste Water Facilities Rehab & Repair	688	330	326	-	-	-	-	-	326	1,344
14709	York Region Transit Facilities Rehab & Repair	-	563	55	-	-	-	-	-	55	618
14712	Family & Child Services Facilities Rehab & Repair	168	64	20	-	-	-	-	-	20	252
14713	Long Term Care Facilities Rehab & Repair	1,654	808	887	-	-	-	-	-	887	3,349
	<b>Sub Total Rehabilitation/Replacement</b>	<b>4,759</b>	<b>2,375</b>	<b>2,185</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,185</b>	<b>9,319</b>
<b>Growth/Expansion</b>											
14855	Corporate Space Intensification Initiatives	2,620	125	2,330	-	-	-	-	-	2,330	5,075

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
14856	Corporate Furniture Management - Existing Furniture Program	-	53	50	-	-	-	-	-	50	103
14857	Courts Capital Projects	-	16	30	-	-	-	-	-	30	46
	<b>Sub Total Growth/Expansion</b>	<b>2,620</b>	<b>194</b>	<b>2,410</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,410</b>	<b>5,224</b>
	<b>Enhancement/Improvement</b>										
14721	LEED Existing Building certification	72	112	50	-	-	-	-	-	50	234
14731	Green Energy Act Planning	-	33	25	-	-	-	-	-	25	58
14750	Building Energy Studies	46	122	50	-	-	-	-	-	50	218
14775	Property Services Branch (PSE) - General Capital (Corporate)	431	150	300	-	-	-	-	-	300	881
14790	Interval Meters	9	10	20	-	-	-	-	-	20	39
14835	Audio-visual (AV) Equipment & Events	368	390	240	-	-	-	-	-	240	998
14882	Corporate Signage	-	-	110	-	-	-	-	-	110	110
14901	Project Management Fees	-	-	2,133	-	-	-	-	-	2,133	2,133
	<b>Sub Total Enhancement/Improvement</b>	<b>926</b>	<b>817</b>	<b>2,928</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,928</b>	<b>4,671</b>
	Total Non-Tangible Capital Assets	8,305	3,386	7,523	-	-	-	-	-	7,523	19,214
	<b>TOTAL GROSS EXPENDITURES</b>	<b>31,980</b>	<b>7,353</b>	<b>36,288</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>9,000</b>	<b>66,173</b>	<b>105,506</b>

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	984	100	244	-	-	-	-	-	244	1,328
Reserve: Debt Reduction Fund	865	-	-	-	-	-	-	-	-	865
Reserve: Facilities Management	7,272	4,878	6,873	-	-	-	-	-	6,873	19,023
Reserve: General Capital	14,607	-	7,455	-	-	-	-	-	7,455	22,062
<b>Sub Total Regional</b>	<b>23,728</b>	<b>4,978</b>	<b>14,572</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14,572</b>	<b>43,278</b>
<b>External</b>										
Federal Funding	4,204	-	-	-	-	-	-	-	-	4,204
Provincial Funding	4,049	-	-	-	-	-	-	-	-	4,049
<b>Sub Total External</b>	<b>8,253</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,253</b>
TOTAL AVAILABLE FINANCING	31,981	4,978	14,572	-	-	-	-	-	14,572	51,531
TOTAL DEBENTURE REQUIREMENTS	-	2,375	21,716	5,700	5,185	5,000	5,000	9,000	51,601	53,976
TOTAL FINANCING SOURCES	31,981	7,353	36,288	5,700	5,185	5,000	5,000	9,000	66,173	105,507
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds DC	-	-	2,292	-	-	-	-	-	2,292	2,292
Debtenture Proceeds Tax Levy	-	2,375	9,601	5,700	5,185	5,000	5,000	9,000	39,486	41,861
Debtenture Proceeds Other	-	-	9,823	-	-	-	-	-	9,823	9,823
<b>Total Debtenture Requirements</b>	<b>-</b>	<b>2,375</b>	<b>21,716</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>9,000</b>	<b>51,601</b>	<b>53,976</b>

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2013 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
14701	Energy Retrocommissioning	195	-	195	-	-	-	-	-
14702	Energy Retrofits - Various Existing Buildings	301	-	301	-	-	-	-	-
14703	Corporate Services - Facilities Rehab & Repair	420	-	420	-	-	-	-	-
14704	Corporate Services - All Facilities Rehab & Repair	250	-	250	-	-	-	-	-
14706	Roads Facilities Rehab & Repair	202	-	202	-	-	-	-	-
14707	Solid Waste Facilities Rehab & Repair	25	-	25	-	-	-	-	-
14708	Water & Waste Water Facilities Rehab & Repair	326	-	326	-	-	-	-	-
14709	York Region Transit Facilities Rehab & Repair	55	-	55	-	-	-	-	-
14712	Family & Child Services Facilities Rehab & Repair	20	-	20	-	-	-	-	-
14713	Long Term Care Facilities Rehab & Repair	887	-	887	-	-	-	-	-
14721	LEED Existing Building certification	50	-	50	-	-	-	-	-
14722	Master Accommodation Plan (MAP) Implementation	50,200	-	5,000	45,200	-	-	-	-
14731	Green Energy Act Planning	25	-	25	-	-	-	-	-
14740	Ontario Disability Act (ODA)	80	-	80	-	-	-	-	-
14750	Building Energy Studies	50	-	50	-	-	-	-	-
14755	Security & Life Safety Projects	315	-	315	-	-	-	-	-
14763	Bales EMS Central Operations Centre (ISF)	120	-	120	-	-	-	-	-
14775	Property Services Branch (PSB) - General Capital (Corporate)	300	244	56	-	-	-	-	-
14780	Central Service Centre - Pre Construction	6,401	-	-	6,401	-	-	-	-
14790	Interval Meters	20	-	20	-	-	-	-	-
14800	Energy & Environmental Management System	50	-	50	-	-	-	-	-
14810	Property Services Branch (PSB) - Technology	130	-	130	-	-	-	-	-
14835	Audio-visual (AV) Equipment & Events	240	-	240	-	-	-	-	-
14855	Corporate Space Intensification Initiatives	2,330	-	2,330	-	-	-	-	-
14856	Corporate Furniture Management - Existing Furniture Program	50	-	50	-	-	-	-	-
14857	Courts Capital Projects	30	-	30	-	-	-	-	-
14858	CHS Capital Projects	738	-	738	-	-	-	-	-
14882	Corporate Signage	110	-	110	-	-	-	-	-
14883	Telework Program	120	-	120	-	-	-	-	-
14901	Project Management Fees	2,133	-	2,133	-	-	-	-	-

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2013 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
<b>Total Tax Supported</b>									
		66,173	244	14,328	51,601	-	-	-	-

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
14703	Corporate Services - Facilities Rehab & Repair	307	-	-	-	-	-	-	-	-	-	-	-	307
14704	Corporate Services - All Facilities Rehab & Repair	100	-	-	-	-	-	-	-	-	-	-	-	100
14706	Roads Facilities Rehab & Repair	396	-	-	-	-	-	-	-	-	-	-	-	396
14708	Water & Waste Water Facilities Rehab & Repair	837	-	-	-	-	-	-	-	-	-	-	-	837
14712	Family & Child Services Facilities Rehab & Repair	40	-	-	-	-	-	-	-	-	-	-	-	40
14713	Long Term Care Facilities Rehab & Repair	91	-	-	-	-	-	-	-	-	-	-	-	91
14775	Property Services Branch (PSB) - General Capital (Corporate)	300	-	-	-	-	-	-	-	-	-	-	-	300
14855	Corporate Space Intensification Initiatives	2,000	-	-	-	-	-	-	-	-	-	-	-	2,000
14856	Corporate Furniture Management - Existing Furniture Program	50	-	-	-	-	-	-	-	-	-	-	-	50
14882	Corporate Signage	50	-	-	-	-	-	-	-	-	-	-	-	50
14901	Project Management Fees	2,314	-	-	-	-	-	-	-	-	-	-	-	2,314
	<b>Total 2014 Incremental Capital Spending Authority</b>	<b>6,485</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,485</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
	<b>2013 Capital Spending Authority</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29,885</b>
	<b>Incremental 2014 Capital Spending Authority</b>	<b>6,485</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,485</b>
	<b>Proposed 2014 Cumulative Capital Spending Authority</b>	<b>12,185</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36,370</b>



**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
	(In \$000's)										
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	244	-	-	-	-	-	-	-	-	-	244
Reserve: Facilities Management	4,241	-	-	-	-	-	-	-	-	-	4,241
Reserve: General Capital	2,000	-	-	-	-	-	-	-	-	-	2,000
<b>Sub Total Regional</b>	<b>6,485</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,485</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>6,485</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,485</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL FINANCING SOURCES</b>	<b>6,485</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,485</b>

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2014 Incremental Capital Spending Authority Financing Sources by Project**  
(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
14703	Corporate Services - Facilities Rehab & Repair	307	-	307	-	-	-	-	-
14704	Corporate Services - All Facilities Rehab & Repair	100	-	100	-	-	-	-	-
14706	Roads Facilities Rehab & Repair	396	-	396	-	-	-	-	-
14708	Water & Waste Water Facilities Rehab & Repair	837	-	837	-	-	-	-	-
14712	Family & Child Services Facilities Rehab & Repair	40	-	40	-	-	-	-	-
14713	Long Term Care Facilities Rehab & Repair	91	-	91	-	-	-	-	-
14775	Property Services Branch (PSB) - General Capital (Corporate)	300	244	56	-	-	-	-	-
14855	Corporate Space Intensification Initiatives	2,000	-	2,000	-	-	-	-	-
14856	Corporate Furniture Management - Existing Furniture Program	50	-	50	-	-	-	-	-
14882	Corporate Signage	50	-	50	-	-	-	-	-
14901	Project Management Fees	2,314	-	2,314	-	-	-	-	-
<b>Total Tax Supported</b>		<b>6,485</b>	<b>244</b>	<b>6,241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2013 Capital Spending Authority by Program**

		Actual Spent to Dec 31/2011	2012 Year end Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
		(In \$000's)													
<b>Business Initiatives</b>															
<b>Expenditures</b>															
14701	Energy Retrocommissioning	-	86	195	-	-	-	-	-	-	-	-	-	-	195
14750	Building Energy Studies	46	122	50	-	-	-	-	-	-	-	-	-	-	50
14810	Property Services Branch (PSB) - Technology	321	207	130	-	-	-	-	-	-	-	-	-	-	130
14883	Telework Program	-	-	120	-	-	-	-	-	-	-	-	-	-	120
14731	Green Energy Act	-	33	25	-	-	-	-	-	-	-	-	-	-	25
14800	Energy and Environment Management System	190	185	50	-	-	-	-	-	-	-	-	-	-	50
<b>Total Expenditures</b>		<b>557</b>	<b>633</b>	<b>570</b>	-	-	-	-	-	-	-	-	-	-	<b>570</b>
<b>Regional Financing Sources</b>															
	Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Facilities Management	557	633	495	-	-	-	-	-	-	-	-	-	-	495
	Reserve: General Capital	-	-	75	-	-	-	-	-	-	-	-	-	-	75
<b>Total Regional Financing Sources</b>		<b>557</b>	<b>633</b>	<b>570</b>	-	-	-	-	-	-	-	-	-	-	<b>570</b>
<b>External Financing Sources</b>															
	Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>		<b>557</b>	<b>633</b>	<b>570</b>	-	-	-	-	-	-	-	-	-	-	<b>570</b>
<b>Capital Allocated Salaries (PSB &amp; Client Projects)</b>															
<b>Expenditures</b>															
14901	Project Management Fees	-	-	2,133	-	-	-	-	-	-	-	-	-	-	2,133
<b>Total Expenditures</b>		-	-	<b>2,133</b>	-	-	-	-	-	-	-	-	-	-	<b>2,133</b>
<b>Regional Financing Sources</b>															
	Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Reserve: Facilities Management	-	-	2,133	-	-	-	-	-	-	-	-	-	-	2,133
	Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>		-	-	<b>2,133</b>	-	-	-	-	-	-	-	-	-	-	<b>2,133</b>
<b>Total External Financing Sources</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)							Balance to Complete	Capital Spending Authority			
			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debenture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	-	-	2,133	-	-	-	-	-	-	-	-	-	-	2,133

**Land Acquisition & Corporate Construction**

<b>Expenditures</b>														
14722	Master Accommodation Plan (MAP) Implementation	14	1,000	21,200	5,000	5,000	5,000	5,000	5,000	4,000	-	-	-	50,200
14763	Bales EMS Central Operations Centre (ISF)	20,071	300	120	-	-	-	-	-	-	-	-	-	120
14780	Central Service Centre - Pre Construction	1,505	1,375	185	-	-	-	-	-	-	-	-	-	6,401
<b>Total Expenditures</b>		<b>21,590</b>	<b>2,675</b>	<b>26,836</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>56,721</b>

**Regional Financing Sources**

Current Tax Levy - Reserves	640	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	-	300	120	-	-	-	-	-	-	-	-	-	-	120
Reserve: General Capital	11,987	-	5,000	-	-	-	-	-	-	-	-	-	-	5,000
<b>Total Regional Financing Sources</b>	<b>13,492</b>	<b>300</b>	<b>5,120</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,120</b>

**External Financing Sources**

Federal Funding	4,049	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	4,049	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>8,098</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debenture Financing Sources</b>	<b>-</b>	<b>2,375</b>	<b>21,716</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>51,601</b>
<b>Total Financing Sources</b>	<b>21,590</b>	<b>2,675</b>	<b>26,836</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>56,721</b>

**New Construction & Accommodation**

<b>Expenditures</b>														
14775	Property Services Branch (PSB) - General Capital (Corporate)	431	150	300	-	-	-	-	-	-	-	-	-	300
14835	Audio-visual (AV) Equipment & Events	368	390	240	-	-	-	-	-	-	-	-	-	240
14855	Initiatives	2,620	125	2,330	-	-	-	-	-	-	-	-	-	2,330

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)							Balance to Complete	Capital Spending Authority				
			2013	2014	2015	2016	2017	2018	2019			2020	2021	2022	
Corporate Furniture Management - Existing Furniture Program	-	53	50	-	-	-	-	-	-	-	-	-	-	50	
Courts Capital Projects	-	16	30	-	-	-	-	-	-	-	-	-	-	30	
CHS Capital Projects	-	-	738	-	-	-	-	-	-	-	-	-	-	738	
Corporate Signage	-	-	110	-	-	-	-	-	-	-	-	-	-	110	
<b>Total Expenditures</b>	<b>3,419</b>	<b>734</b>	<b>3,798</b>	-	-	-	-	-	-	-	-	-	-	<b>3,798</b>	
<b>Regional Financing Sources</b>															
Current Tax Levy - Reserves	344	100	244	-	-	-	-	-	-	-	-	-	-	-	244
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	455	634	1,224	-	-	-	-	-	-	-	-	-	-	1,224	
Reserve: General Capital	2,620	-	2,330	-	-	-	-	-	-	-	-	-	-	2,330	
<b>Total Regional Financing Sources</b>	<b>3,419</b>	<b>734</b>	<b>3,798</b>	-	-	-	-	-	-	-	-	-	-	<b>3,798</b>	
<b>External Financing Sources</b>															
Federal Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total Debtenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total Financing Sources</b>	<b>3,419</b>	<b>734</b>	<b>3,798</b>	-	-	-	-	-	-	-	-	-	-	<b>3,798</b>	
<b>Capital Improvements Expenditures</b>															
Energy Retrofits - Various	1,179	197	301	-	-	-	-	-	-	-	-	-	-	-	301
Existing Buildings Corporate Services - Facilities Rehab & Repair	1,688	475	420	-	-	-	-	-	-	-	-	-	-	-	420
Corporate Services - All Facilities Rehab & Repair	69	41	250	-	-	-	-	-	-	-	-	-	-	-	250
Roads Facilities Rehab & Repair	424	89	202	-	-	-	-	-	-	-	-	-	-	-	202
Solid Waste Facilities Rehab & Repair	68	5	25	-	-	-	-	-	-	-	-	-	-	-	25
Water & Waste Water Facilities Rehab & Repair	688	330	326	-	-	-	-	-	-	-	-	-	-	-	326
York Region Transit Facilities Rehab & Repair	-	563	55	-	-	-	-	-	-	-	-	-	-	-	55
Family & Child Services Facilities Rehab & Repair	168	64	20	-	-	-	-	-	-	-	-	-	-	-	20
Long Term Care Facilities Rehab & Repair	1,654	808	887	-	-	-	-	-	-	-	-	-	-	-	887

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2013 Capital Spending Authority by Program**

	Actual Spent to Dec 31/2011	2012 Year end Forecast	(In \$000's)								Balance to Complete	Capital Spending Authority		
			2013	2014	2015	2016	2017	2018	2019	2020			2021	2022
14721 LEED Existing Building certification	72	112	50	-	-	-	-	-	-	-	-	-	-	50
14740 Ontario Disability Act (ODA)	237	75	80	-	-	-	-	-	-	-	-	-	-	80
14755 Security & Life Safety Projects	159	542	315	-	-	-	-	-	-	-	-	-	-	315
14790 Interval Meters	9	10	20	-	-	-	-	-	-	-	-	-	-	20
<b>Total Expenditures</b>	<b>6,415</b>	<b>3,311</b>	<b>2,951</b>	-	-	-	-	-	-	-	-	-	-	<b>2,951</b>
<b>Regional Financing Sources</b>														
Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	6,260	3,311	2,901	-	-	-	-	-	-	-	-	-	-	2,901
Reserve: General Capital	-	-	50	-	-	-	-	-	-	-	-	-	-	50
<b>Total Regional Financing Sources</b>	<b>6,260</b>	<b>3,311</b>	<b>2,951</b>	-	-	-	-	-	-	-	-	-	-	<b>2,951</b>
<b>External Financing Sources</b>														
Federal Funding	155	-	-	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>155</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>														
<b>Total Financing Sources</b>	<b>6,415</b>	<b>3,311</b>	<b>2,951</b>	-	-	-	-	-	-	-	-	-	-	<b>2,951</b>
<b>Combined Program Financing Sources</b>														
<b>Total Regional Financing Sources</b>	<b>23,728</b>	<b>4,978</b>	<b>14,572</b>	-	-	-	-	-	-	-	-	-	-	<b>14,572</b>
<b>Total External Financing Sources</b>	<b>8,253</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debtenture Financing Sources</b>	-	<b>2,375</b>	<b>21,716</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>51,601</b>
<b>Total Financing Sources</b>	<b>31,981</b>	<b>7,353</b>	<b>36,288</b>	<b>5,700</b>	<b>5,185</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>4,000</b>	<b>4,000</b>	<b>4,000</b>	<b>66,173</b>

<b>Capital Spending Authority Finance Sources by Program</b>														
Program	Capital Project Total	Tax Levy	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries							
Business Initiatives	570	-	570	-	-	-	-							
Capital Allocated Salaries (PSB & Client Projects)	2,133	-	2,133	-	-	-	-							
Land Acquisition & Corporate Construction	56,721	-	5,120	51,601	-	-	-							
New Construction & Accommodation	3,798	244	3,554	-	-	-	-							
Capital Improvements	2,951	-	2,951	-	-	-	-							
<b>Total Tax Supported</b>	<b>66,173</b>	<b>244</b>	<b>14,328</b>	<b>51,601</b>	<b>-</b>	<b>-</b>	<b>-</b>							

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
<b>Capital Allocated Salaries (PSB &amp; Client Projects)</b>											
<b>Expenditures</b>											
14901 Project Management Fees	2,314	-	-	-	-	-	-	-	-	-	2,314
<b>Total Expenditures</b>	<b>2,314</b>	-	-	-	-	-	-	-	-	-	<b>2,314</b>
<b>Regional Financing Sources</b>											
Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	2,314	-	-	-	-	-	-	-	-	-	2,314
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>2,314</b>	-	-	-	-	-	-	-	-	-	<b>2,314</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Debtenture Financing Sources</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Financing Sources</b>	<b>2,314</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,314</b>
<b>New Construction &amp; Accommodation</b>											
<b>Expenditures</b>											
14775 Property Services Branch (PSB) - General Capital (Corporate)	300	-	-	-	-	-	-	-	-	-	300
14855 Corporate Space Intensification Initiatives	2,000	-	-	-	-	-	-	-	-	-	2,000
14856 Existing Furniture Program	50	-	-	-	-	-	-	-	-	-	50
14882 Corporate Signage	50	-	-	-	-	-	-	-	-	-	50
<b>Total Expenditures</b>	<b>2,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,400</b>
<b>Regional Financing Sources</b>											
Current Tax Levy - Reserves	244	-	-	-	-	-	-	-	-	-	244
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	156	-	-	-	-	-	-	-	-	-	156
Reserve: General Capital	2,000	-	-	-	-	-	-	-	-	-	2,000
<b>Total Regional Financing Sources</b>	<b>2,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,400</b>

**2013 Business Plan and Budget**  
**Corporate Services**  
**Property Services**  
**2014 Incremental Capital Spending Authority by Program**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Capital Spending Authority
(In \$000's)											
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debiture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>2,400</b>	-	-	-	-	-	-	-	-	-	<b>2,400</b>
<b>Capital Improvements</b>											
<b>Expenditures</b>											
14703 Corporate Services - Facilities Rehab & Repair	307	-	-	-	-	-	-	-	-	-	307
14704 Corporate Services - All Facilities Rehab & Repair	100	-	-	-	-	-	-	-	-	-	100
14706 Roads Facilities Rehab & Repair	396	-	-	-	-	-	-	-	-	-	396
14708 Water & Waste Water Facilities Rehab & Repair	837	-	-	-	-	-	-	-	-	-	837
14712 Family & Child Services Facilities Rehab & Repair	40	-	-	-	-	-	-	-	-	-	40
14713 Long Term Care Facilities Rehab & Repair	91	-	-	-	-	-	-	-	-	-	91
<b>Total Expenditures</b>	<b>1,771</b>	-	-	-	-	-	-	-	-	-	<b>1,771</b>
<b>Regional Financing Sources</b>											
Current Tax Levy - Reserves	-	-	-	-	-	-	-	-	-	-	-
Development Charges	-	-	-	-	-	-	-	-	-	-	-
Development Charges Committed	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
Reserve: Facilities Management	1,771	-	-	-	-	-	-	-	-	-	1,771
Reserve: General Capital	-	-	-	-	-	-	-	-	-	-	-
<b>Total Regional Financing Sources</b>	<b>1,771</b>	-	-	-	-	-	-	-	-	-	<b>1,771</b>
<b>External Financing Sources</b>											
Federal Funding	-	-	-	-	-	-	-	-	-	-	-
Provincial Funding	-	-	-	-	-	-	-	-	-	-	-
Other Recoveries	-	-	-	-	-	-	-	-	-	-	-
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debiture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>1,771</b>	-	-	-	-	-	-	-	-	-	<b>1,771</b>
<b>Combined Program Financing Sources</b>											
<b>Total Regional Financing Sources</b>	6,485	-	-	-	-	-	-	-	-	-	6,485
<b>Total External Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Debiture Financing Sources</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Total Financing Sources</b>	<b>6,485</b>	-	-	-	-	-	-	-	-	-	<b>6,485</b>



2013 Business Plan and Budget  
Corporate Services

2014 Incremental Capital Spending Authority by Program

Capital Spending Authority Finance Sources by Program									
Program	Capital Project Total	Tax Levy	Reserves	Debtenture Proceeds	Development Charges	Grants & Subsidies	Other Recoveries		
Capital Allocated Salaries (PSB & Client Projects)	2,314	-	2,314	-	-	-	-		
New Construction & Accommodation	2,400	244	2,156	-	-	-	-		
Capital Improvements	1,771	-	1,771	-	-	-	-		
<b>Total Tax Supported</b>	<b>6,485</b>	<b>244</b>	<b>6,241</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		

**2013 Business Plan and Budget  
Corporate Services  
Property Services  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Occupancy and R&M Costs	68	-	-	-	-	-	(68)	-	-	-
Financing Costs	1,013	1,355	54	756	4,157	7,525	5,642	-	-	-
Negotiated Specifics	1,946	446	541	627	(28)	370	(668)	-	-	-
<b>Total Expenditures</b>	<b>3,027</b>	<b>1,801</b>	<b>595</b>	<b>1,383</b>	<b>4,129</b>	<b>7,895</b>	<b>4,906</b>	-	-	-
<b>Total Net Impact on Tax Levy</b>	<b>3,027</b>	<b>1,801</b>	<b>595</b>	<b>1,383</b>	<b>4,129</b>	<b>7,895</b>	<b>4,906</b>	-	-	-

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## Organization Objectives & Description

### Mission:

Our mission is to deliver a world-class Rapid Transit network system and infrastructure that moves people quickly, connects communities 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;

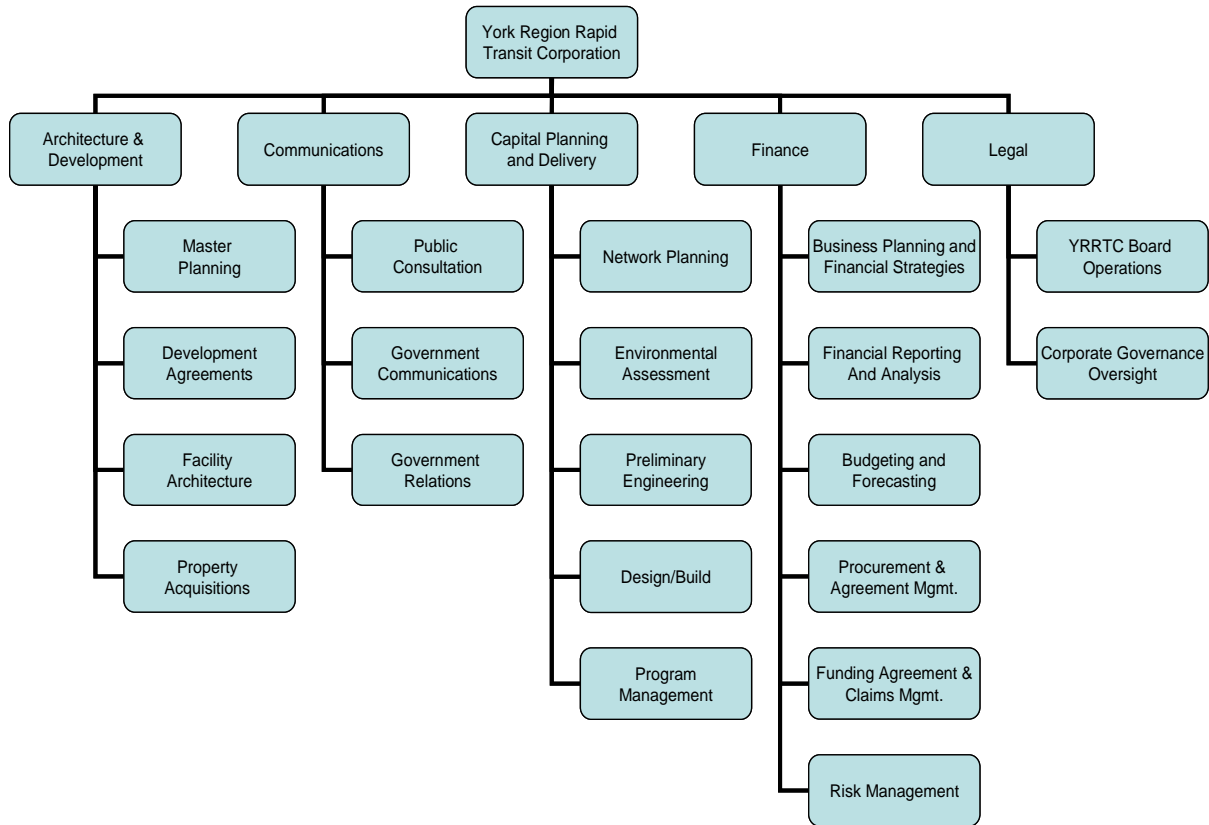
### Capital Strategy:

YRRTC is in a unique position to deliver a world-class 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 following 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.

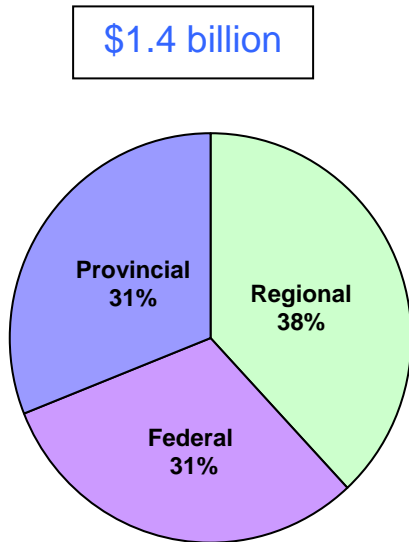
Our strategy is to always “be ready”. Since the capital programs are reliant on funding from Senior Levels of Government, it is necessary for project designs to be advanced to the point where budgets and schedules are established to move to construction quickly. These elements are essential to increasing the likelihood of priority funding. In addition, our strategy is also to optimize the network and increase ridership. The park and ride strategy implementation contemplated to commence 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 (2013-2018), consist 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.

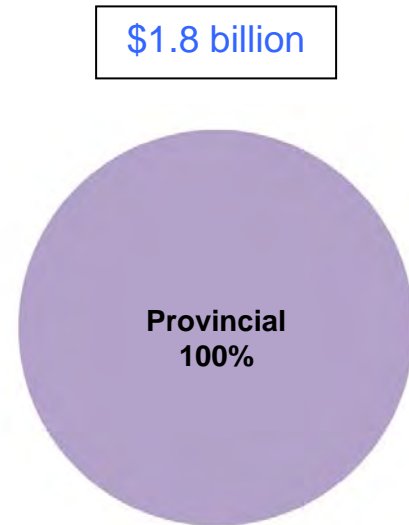
The programs and projects represented in the Capital Budget for Regional Council approval, are those that are funded in part or fully by York Region – valued at \$1.4 billion.

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 2013 – 2031

York Region Rapid Transit's strategic goals are aligned with the approved Transportation Master Plan that defines the Region's long-term transportation vision.

### 1. Programs - Partly or Fully Funded by York Region - \$1.4 billion

- Implement business and governance model for parking operations and with the opening of the Highway 7 East rapidway, commence implementation of the park 'n' ride facilities program in 2013;
- Commence the construction of the Operations, Maintenance and Storage Facility (OMSF), located in Headford Business Park-Richmond Hill - project completion by year-end 2014;
- Ensure that necessary infrastructure associated with the Spadina Subway extension to be in service by year-end 2015, is constructed and appropriately funded – i.e. VIVA concourse and Spadina Subway-VMC terminal;
- Advance funding support for the Yonge 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;
- Facilitate and participate in progressing Mobility Hubs;
- Develop in conjunction with YRT, the transition to a new operating agreement and concession arrangement (if any) for vivaNext services;
- Continue to advance communications/outreach programs to support the business objectives and public/stakeholder information needs before and during construction.

### 2. Programs - Fully Funded by Senior Levels of Government - \$1.8 billion

- Complete rapidway construction on Hwy. 7 East from Richmond Hill Centre to Warden Ave. (H3) and Davis Drive from Yonge St. to Hwy. 404 (D1) – project completions by early 2014 and year-end 2014 respectively;
- Commence rapidway construction on Hwy. 7 West – Vaughan Metropolitan Centre (H2 VMC) – project completion by year-end 2015;
- Commence procurement for construction of Yonge Street from Richmond Hill Centre to 19<sup>th</sup> Avenue (Y2.1 & Y2.2) and south of Mulock Drive to Davis Drive (Y3.2);
- Complete property acquisitions required for the remaining rapidway segments – Yonge Street, from Richmond Hill Centre to 19<sup>th</sup> Avenue (Y2.1 & Y2.2) & south of Mulock Drive to Davis Drive (Y3.2); and Hwy. 7 West - Richmond Hill Centre to Pine Valley Drive (H2).

### 3. Programs - Unfunded, per Transportation Master Plan - \$18.0 billion

- Remaining Rapidways - \$15.3 billion;
- Region's share for the Yonge Subway Extension - \$2.6 billion;
- 100 new BRT vehicles - \$122.1 million, starting in 2018 with completion by year-end 2025.

#### Long Term Outlook:

#### Capital Program 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 86% 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 2015 - with the bulk of capital expenditures occurring before that time.

As well, projects funded under the CSIF-FLOW 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, and the purchase of 39 articulated buses, must be procured and completed by December 2017 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. As well, the commencement of Environmental Assessments for priority segments will start once the Network Configuration Studies being initiated in 2013 and 2014 are completed.

Similarly, design-build costs for the Yonge Subway Extension program are not in the Capital Budget. Once funding sources have been identified, the estimated capital expenditures of \$2.6 billion, which is York Region's share, will be added.

#### 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 67 kilometres of surface rapid transit in these same corridors, and integrates the extension of the Spadina subway and future Yonge 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 - \$67.6 million from the QuickWins Announcement; \$1.76 billion from the Metrolinx Master Agreement executed in April, 2011.

The projects are being program-managed and implemented through YRRTC and Metrolinx.



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## vivaNext elements

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Conceptual Design and Preliminary Engineering for Bus Rapidways and viva Stations.

Property acquisition and related costs along the Rapidways, as required by the BRT program.

Final Design and Construction of Bus Rapidways and viva Stations along Highway 7 from Pine Valley Drive to Kennedy Road; along Yonge Street from Richmond Hill Centre to 19<sup>th</sup> Avenue and from Mulock Avenue to Davis Drive; and along Davis Drive to Hwy. 404 in Newmarket.

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**Total: \$1.8 billion**

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### Operating Impact of the Capital Programs:

To deliver the YRRTC capital program, additional staffing resources and Negotiated Specifics FTEs will be retained. This will have no impact on the operating budget as they will be 100% externally funded and recovered through the capital program.

#### *Staffing Resources*

	2010	2011	2012	2013	2014	2015	2016
Permanent FTE's *	Budget	Budget	Budget	Request	Outlook	Outlook	Outlook
Full-Time FTE's (PFT/TFT)	26.0	29.0	42.0	58.0	62.0	62.0	62.0
Part-Time FTE's (PPT)	0	0.85	0.85	0.85	0.85	0.85	0.85
Total Permanent FTE's	26	29.85	42.85	58.85	62.85	62.85	62.85
Net Change	7.0	3.9	13.0	16.0	4.0	0.0	0.0
Casual (FTE equivalent)	1.0	1.0	0.3	1.0	1.0	1.0	1.0

\* Fully recoverable against the Metrolinx capital program.

## Negotiated Specifics Incremental Allocated FTEs

YRRTC is planning to use the services from the Region in support of its capital program. The incremental FTEs have been allocated to support the Metrolinx program and are fully recoverable.

Departments *	2010 Budget	2011 Budget	2012 Budget	2013 Request	2014 Outlook	2015 Outlook	2016 Outlook
Legal Services	3.1	3.1	4.1	6.1	6.1	2.1	2.1
Property Services	8	10	11	12	13	12	11
TCP - Roads & Transit	0	0	8	11	11	11	11
Supplies & Services	0	0	0	2	2	0	0
TCP – I & CP	0	0	0	0	0	0	0
Long-Range Planning	0	0	0	0	0	0	0
Geomatics	0	0	0	0	0	0	0
<b>Total</b>	<b>11.1</b>	<b>13.1</b>	<b>23.1</b>	<b>31.1</b>	<b>32.1</b>	<b>25.1</b>	<b>24.1</b>
<b>Net Change</b>	<b>3.1</b>	<b>2</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>(7)</b>	<b>(1)</b>

\* Fully recoverable against the Metrolinx capital program.

TCP - Transportation and Community Planning

I & CP-Infrastructure & Community Planning

All current funded capital programs, as identified in the map in Appendix A (blue & yellow), are administered through YRRTC, on behalf of York Region and Metrolinx. While all capital expenditures of \$1.8 billion are funded by Metrolinx and are not included in the 2013 Capital Budget for Regional Council approval, there is a Net Operating Impact to York Region. Operating activities impacted by the completion of the combined capital programs are shown in the following table.

## Net Operating Impact of Financing Costs

Incremental	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Financing</b>	1,497	6,570	6,561	3,023	(2,470)	(363)	20	(1,031)	(1,068)	(15,130)
<b>DC &amp; Other Revenue</b>	655	4,527	4,046	1,252	(705)	(112)	(23)	(665)	(41)	(272)
<b>Net Cost</b>	<b>842</b>	<b>2,043</b>	<b>2,515</b>	<b>1,771</b>	<b>(1,765)</b>	<b>(251)</b>	<b>43</b>	<b>(366)</b>	<b>(1,027)</b>	<b>(14,858)</b>

## Net Operating Impact – Operations and Maintenance

- Not part of YRRTC's Operating Expenditures budget – impact is to the Transportation & Community Planning budget

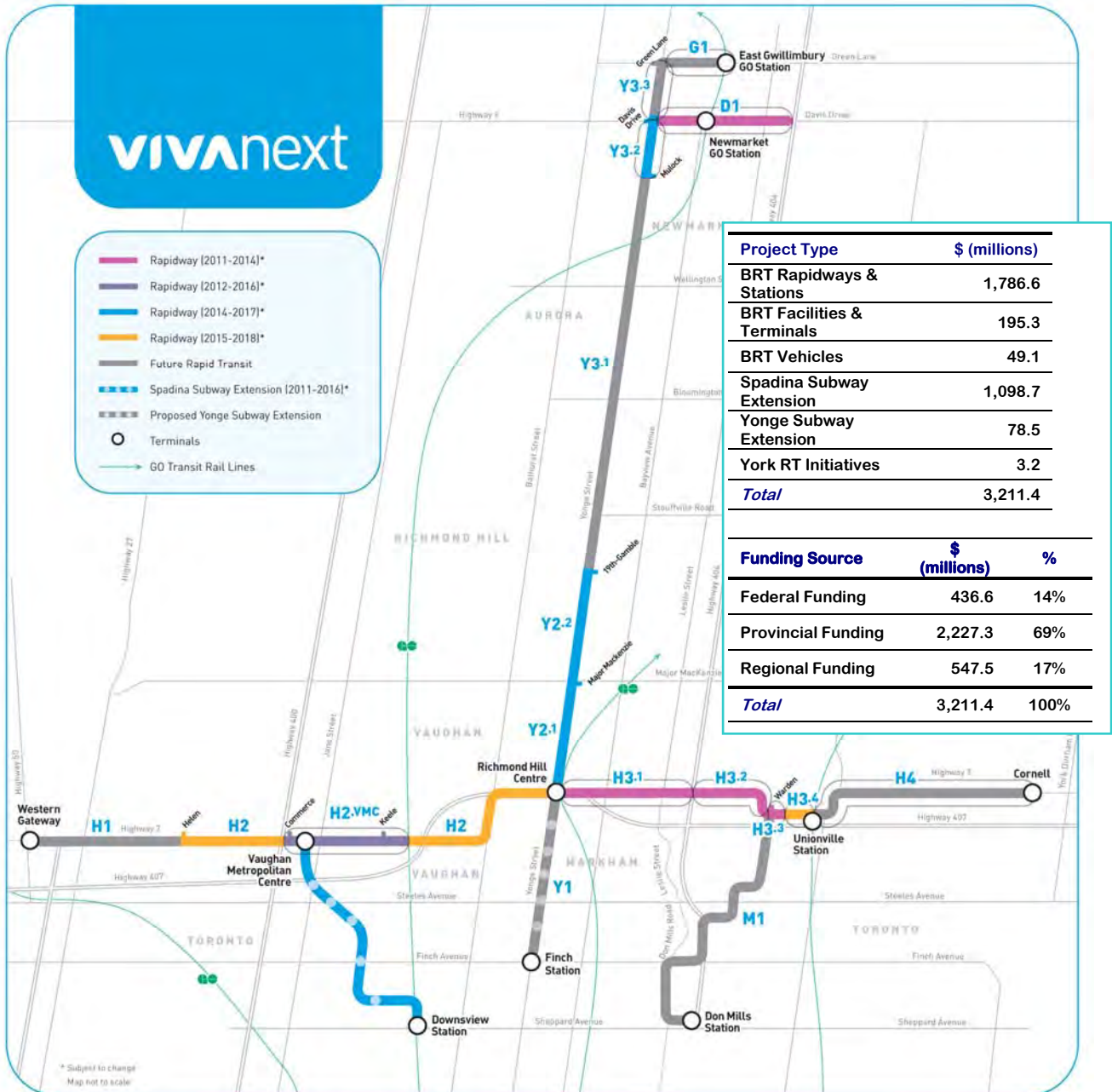
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cumulative										
<b>Transit</b>	813	1,897	2,575	2,981	2,981	6,098	6,098	6,098	6,098	6,098
<b>Roads</b>	100	216	297	413	413	1,070	1,070	1,070	1,070	1,070
<b>Traffic</b>	265	355	385	415	415	440	465	465	465	465
<b>Forestry</b>	162	554	1,272	1,686	2,712	4,231	4,366	4,593	4,593	4,593
<b>Total *</b>	<b>1,340</b>	<b>3,022</b>	<b>4,528</b>	<b>5,495</b>	<b>6,521</b>	<b>11,839</b>	<b>11,999</b>	<b>12,226</b>	<b>12,226</b>	<b>12,226</b>
<b>Construction Mitigation *</b>	<b>5,000</b>	<b>4,400</b>	<b>4,600</b>	<b>6,000</b>	<b>6,000</b>	-	-	-	-	-

\* The estimated operating impact related to construction mitigation is not included in the Region's Operating Expenditures Budget for Transportation and Community Planning.

Operating costs will continue to increase as a direct reflection of the scale of infrastructure as the projects are delivered by YRRTC. The annual sum of these costs, excluding financing and construction mitigation, will rise from \$1.3 million in 2013 to \$12.2 million by 2022, and then will be maintained at this level thereafter.

## 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.



**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
														(In \$000's)	
<b>GROSS EXPENDITURES</b>															
<b>Tangible Capital Assets</b>															
<b>Growth/Expansion</b>															
90992	Bus Rapid Transit (BRT) Facilities and Terminals	18,146	13,314	50,993	68,146	23,386	11,465	-	-	-	-	-	-	-	185,450
90993	Rapid Transit Vehicles	24,126	2,500	18,707	3,743	-	-	-	-	-	-	-	-	-	49,076
90994	Future Bus Rapid Transit	-	-	170	905	-	-	-	-	-	-	-	-	-	1,075
90995	Future Light Rail Transit	113	-	-	1,141	-	-	-	-	-	-	-	-	-	1,254
90996	Spadina Subway Extension	239,352	234,725	265,690	247,650	97,280	-	-	-	-	-	-	-	-	1,084,697
90997	Yonge Subway Extension	677	3,633	-	10,000	40,500	23,738	-	-	-	-	-	-	-	78,548
90999	Transport Upgrades & Initiatives	780	-	4,825	7,804	5,934	1,505	1,499	1,496	814	36	-	-	-	24,693
<b>Sub Total Growth/Expansion</b>		<b>283,194</b>	<b>254,172</b>	<b>340,385</b>	<b>339,389</b>	<b>167,100</b>	<b>36,708</b>	<b>1,499</b>	<b>1,496</b>	<b>814</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,424,793</b>
<b>TOTAL GROSS EXPENDITURES</b>		283,194	254,172	340,385	339,389	167,100	36,708	1,499	1,496	814	36	-	-	-	1,424,793

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete	Estimated Total Project Cost
	(In \$000's)													
<b>FINANCING SOURCES</b>														
<b>Regional</b>														
Development Charges	37,422	60,911	20,918	21,936	9,030	1,712	-	-	-	-	-	-	-	151,929
Reserve: Debt Reduction Fund	5,620	1,950	-	-	-	-	-	-	-	-	-	-	-	7,570
Reserve: General Capital	15,480	10,260	10,170	2,046	9,980	-	-	-	-	-	-	-	-	47,936
<b>Sub Total Regional</b>	<b>58,522</b>	<b>73,121</b>	<b>31,088</b>	<b>23,982</b>	<b>19,010</b>	<b>1,712</b>	-	-	-	-	-	-	-	<b>207,435</b>
<b>External</b>														
Federal Funding	82,071	86,149	116,146	114,903	34,696	2,610	-	-	-	-	-	-	-	436,575
Provincial Funding	107,483	78,242	91,622	91,190	55,447	16,752	-	-	-	-	-	-	-	440,736
<b>Sub Total External</b>	<b>189,554</b>	<b>164,391</b>	<b>207,768</b>	<b>206,093</b>	<b>90,143</b>	<b>19,362</b>	-	-	-	-	-	-	-	<b>877,311</b>
TOTAL AVAILABLE FINANCING	248,076	237,512	238,856	230,075	109,153	21,074	-	-	-	-	-	-	-	1,084,746
TOTAL DEBENTURE REQUIREMENTS	35,118	16,660	101,529	109,314	57,947	15,634	1,499	1,496	814	36	-	-	-	340,047
TOTAL FINANCING SOURCES	283,194	254,172	340,385	339,389	167,100	36,708	1,499	1,496	814	36	-	-	-	1,424,793
<b>DEBENTURE REPAYMENT SOURCES</b>														
Debenture Proceeds DC	25,930	420	63,410	61,417	21,650	-	-	-	-	-	-	-	-	172,827
Debenture Proceeds Tax Levy	9,188	16,240	38,119	47,897	36,297	15,634	1,499	1,496	814	36	-	-	-	167,220
TOTAL DEBENTURE REQUIREMENTS	35,118	16,660	101,529	109,314	57,947	15,634	1,499	1,496	814	36	-	-	-	340,047

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
10 Year Financing Sources by Project 2013 - 2022  
(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	153,990	-	-	41,382	31,346	81,262	-	-
90993	Rapid Transit Vehicles	22,450	-	-	1,628	9,597	11,225	-	-
90994	Future Bus Rapid Transit	1,075	-	1,075	-	-	-	-	-
90995	Future Light Rail Transit	1,141	-	1,141	-	-	-	-	-
90996	Spadina Subway Extension	610,620	-	19,980	196,880	-	393,760	-	-
90997	Yonge Subway Extension	74,238	-	-	37,119	-	37,119	-	-
90999	Transport Upgrades & Initiatives	23,913	-	-	11,260	12,653	-	-	-
<b>Total Tax Supported</b>		<b>887,427</b>	<b>-</b>	<b>22,196</b>	<b>288,269</b>	<b>53,596</b>	<b>523,366</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Growth/Expansion</b>											
90992	Bus Rapid Transit (BRT) Facilities and Terminals	18,146	13,314	50,993	68,146	23,386	11,465	-	-	153,990	185,450
90993	Rapid Transit Vehicles	24,126	2,500	18,707	3,743	-	-	-	-	22,450	49,076
90994	Future Bus Rapid Transit	-	-	170	905	-	-	-	-	1,075	1,075
90995	Future Light Rail Transit	113	-	-	1,141	-	-	-	-	1,141	1,254
90996	Spadina Subway Extension	239,352	234,725	265,690	247,650	97,280	-	-	-	610,620	1,084,697
90997	Yonge Subway Extension	677	3,633	-	-	-	-	-	-	-	4,310
90999	Transport Upgrades & Initiatives	780	-	4,825	7,804	5,934	1,505	1,499	2,346	23,913	24,693
	<b>Sub Total Growth/Expansion</b>	<b>283,194</b>	<b>254,172</b>	<b>340,385</b>	<b>329,389</b>	<b>126,600</b>	<b>12,970</b>	<b>1,499</b>	<b>2,346</b>	<b>813,189</b>	<b>1,350,555</b>
	Total Tangible Capital Assets	283,194	254,172	340,385	329,389	126,600	12,970	1,499	2,346	813,189	1,350,555
	<b>TOTAL GROSS EXPENDITURES</b>	<b>283,194</b>	<b>254,172</b>	<b>340,385</b>	<b>329,389</b>	<b>126,600</b>	<b>12,970</b>	<b>1,499</b>	<b>2,346</b>	<b>813,189</b>	<b>1,350,555</b>



**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Development Charges	37,422	60,911	20,918	21,936	9,030	1,712	-	-	53,596	151,929
Reserve: Debt Reduction Fund	5,620	1,950	-	-	-	-	-	-	-	7,570
Reserve: General Capital	15,480	10,260	10,170	2,046	9,980	-	-	-	22,196	47,936
<b>Sub Total Regional</b>	<b>58,522</b>	<b>73,121</b>	<b>31,088</b>	<b>23,982</b>	<b>19,010</b>	<b>1,712</b>	<b>-</b>	<b>-</b>	<b>75,792</b>	<b>207,435</b>
<b>External</b>										
Federal Funding	82,071	86,149	116,146	114,903	34,696	2,610	-	-	268,355	436,575
Provincial Funding	107,483	78,242	91,622	86,190	35,197	4,883	-	-	217,892	403,617
<b>Sub Total External</b>	<b>189,554</b>	<b>164,391</b>	<b>207,768</b>	<b>201,093</b>	<b>69,893</b>	<b>7,493</b>	<b>-</b>	<b>-</b>	<b>486,247</b>	<b>840,192</b>
TOTAL AVAILABLE FINANCING	248,076	237,512	238,856	225,075	88,903	9,205	-	-	562,039	1,047,627
TOTAL DEBENTURE REQUIREMENTS	35,118	16,660	101,529	104,314	37,697	3,765	1,499	2,346	251,150	302,928
TOTAL FINANCING SOURCES	283,194	254,172	340,385	329,389	126,600	12,970	1,499	2,346	813,189	1,350,555
<b>DEBENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds DC	25,930	420	63,410	61,417	21,650	-	-	-	146,477	172,827
Debtenture Proceeds Tax Levy	9,188	16,240	38,119	42,897	16,047	3,765	1,499	2,346	104,673	130,101
Total Debtenture Requirements	35,118	16,660	101,529	104,314	37,697	3,765	1,499	2,346	251,150	302,928

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
2013 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
90992	Bus Rapid Transit (BRT) Facilities and Terminals	153,990	-	-	41,382	31,346	81,262	-	-
90993	Rapid Transit Vehicles	22,450	-	-	1,628	9,597	11,225	-	-
90994	Future Bus Rapid Transit	1,075	-	1,075	-	-	-	-	-
90995	Future Light Rail Transit	1,141	-	1,141	-	-	-	-	-
90996	Spadina Subway Extension	610,620	-	19,980	196,880	-	393,760	-	-
90999	Transport Upgrades & Initiatives	23,913	-	-	11,260	12,653	-	-	-
<b>Total Tax Supported</b>		<b>813,189</b>	<b>-</b>	<b>22,196</b>	<b>251,150</b>	<b>53,596</b>	<b>486,247</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)											Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024			
<b>GROSS EXPENDITURES</b>															
<b>2014 Capital Spending Authority</b>															
9097	Yonge Subway Extension	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
<b>Total 2014 Incremental Capital Spending Authority</b>		<b>10,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000</b>
<b>Cumulative 2014 Capital Spending Authority</b>															
2013 Capital Spending Authority		329,389	126,600	12,970	1,499	1,496	814	36	-	-	-	-	-	-	472,804
Incremental 2014 Capital Spending Authority		10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
<b>Proposed 2014 Cumulative Capital Spending Authority</b>		<b>339,389</b>	<b>126,600</b>	<b>12,970</b>	<b>1,499</b>	<b>1,496</b>	<b>814</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>482,804</b>

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
<b>External</b>											
Provincial Funding	5,000	-	-	-	-	-	-	-	-	-	5,000
<b>Sub Total External</b>	<b>5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000</b>
<b>TOTAL FINANCING SOURCES</b>	<b>10,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,000</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debtore Proceeds Tax Levy	5,000	-	-	-	-	-	-	-	-	-	5,000
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>5,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000</b>

2013 Business Plan and Budget  
 York Region Rapid Transit Corporation  
 2014 Incremental 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
90997	Yonge Subway Extension	10,000	-	-	5,000	-	5,000	-	-
<b>Total Tax Supported</b>		<b>10,000</b>	<b>-</b>	<b>-</b>	<b>5,000</b>	<b>-</b>	<b>5,000</b>	<b>-</b>	<b>-</b>

**2013 Business Plan and Budget  
York Region Rapid Transit Corporation  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Occupancy and R&M Costs	726	968	605	363	-	2,783	-	-	-	-
Professional Contracted Services	614	714	902	603	1,026	2,534	161	227	-	-
Financing Costs	1,497	6,570	6,562	3,023	(2,471)	(364)	(649)	(1,038)	(679)	(15,131)
<b>Total Expenditures</b>	<b>2,837</b>	<b>8,252</b>	<b>8,069</b>	<b>3,989</b>	<b>(1,445)</b>	<b>4,953</b>	<b>(488)</b>	<b>(811)</b>	<b>(679)</b>	<b>(15,131)</b>
<b>Revenues</b>										
Development Charges	395	4,527	4,046	1,252	(705)	(112)	(23)	(665)	(41)	(272)
<b>Total Revenues</b>	<b>395</b>	<b>4,527</b>	<b>4,046</b>	<b>1,252</b>	<b>(705)</b>	<b>(112)</b>	<b>(23)</b>	<b>(665)</b>	<b>(41)</b>	<b>(272)</b>
<b>Total Net Impact on Tax Levy</b>	<b>2,442</b>	<b>3,725</b>	<b>4,023</b>	<b>2,737</b>	<b>(740)</b>	<b>5,065</b>	<b>(465)</b>	<b>(146)</b>	<b>(638)</b>	<b>(14,859)</b>

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## 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 capital plan totals \$199.0 million over the next ten years and is classified into the following components: vehicles, facilities, communications equipment, information technology, and specialized equipment.

Expenditures total \$199.0 million and will be funded via debenture proceeds (\$112.7 million or 57%), tax levies (\$59.5 million or 30%), development charge collections (\$14.6 million or 7%), external funding (\$7.0 million or 4%), auction proceeds (\$4.8 million or 2%), and debt reduction funded (\$0.4 million or 0%).

The ten-year plan anticipates the continued growth of York Region and the facilities and equipment that will be needed to continue to deliver the highest quality of services.

## Key Initiatives (2013)

### Vehicles

- 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. Financing will in part come from auction proceeds, but primarily through contributions from the Operating Budget, consistent with established Budget practices.
- Includes a helicopter camera replacing the airborne imaging system purchased in 2004. Financing will come from debenture proceeds to be repaid over 5 years from the Operating Budget.
- Repair and maintenance expenses for all vehicles are contained in the Operating Budget.

### Facilities

- Central Services Building Fit-out - In 2013, \$6.3 million is budgeted for the Central Services Building project to fit-out the third floor shell and to expand parking. This three-year project has a total cost of \$7.0 million with completion anticipated for spring of 2014. Financing will be through 20-year debentures to be repaid from a combination of development charge contributions estimated at 72 percent for 2013 and contributions from the Operating Budget.
- Training Branch Facility - The 2013 request for \$0.8 million is for architect and professional fees as part of a three year \$18.0 million project. Funding will be through 20-year debentures to be repaid from a combination of development charge



contributions estimated at 73 percent for 2013 and contributions from the Operating Budget.

- #3 District Marine Headquarters – The 2013 funding is \$1.5 million for architect fees, construction and ancillary fees. Funding will be through 20-year debentures to be repaid from a combination of development charge contributions estimated at 73 percent for 2013 and contributions from the Operating Budget.
- Whitchurch-Stouffville Sub-Station - The 2013 funding is \$1.3 million for architect fees, professional fees and construction. Funding will be through ten-year debentures to be repaid from a combination of development charge contributions estimated at 73 percent for 2013 and contributions from the Operating Budget.
- Renovations to Existing Facilities - The 2013 funding of \$0.2 million is for minor renovations to existing facilities. Financing will be through contributions from the Operating Budget.

### **Communications Equipment**

The 2013-2014 Radio System Replacement project totals \$27.5 million to replace the existing 1993 Motorola voice radio systems. Enhancement to newer technologies will provide inter-operable communications with neighbouring police services, upgrades to the Project 25 standards and encrypted transmission security. Financing for the 2013 portion will be from contributions from the Region for the Fire Services portion of \$3.5 million, Operating Budget contributions of \$0.5 million, and ten-year debentures to be repaid from a combination of contributions from the Operating Budget estimated at 94 percent for 2013 and development charge contributions.

### **Information Technology**

- Hardware and Software - This annual project replaces aged desktop computers, laptops and printers in accordance with the Ever-Greening Strategy. It will be financed by a \$1.5 million contribution from the Operating Budget.
- Infrastructure and Retention - This project targets the expanding records retention needs of the organization and new IT initiatives. Funding of \$0.6 million will come from debenture proceeds to be repaid over 5 years from the Operating budget.
- In-Car Video - This annual project for \$0.6 million will outfit 44 front-line vehicles and specialty vehicles with in-car camera and recording technology. Financing will come from development charges to be repaid over 5 years from the Operating Budget.
- Employee Scheduling - The \$0.2 million request is the second-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. Financing will come from debenture proceeds to be repaid over 5 years from the Operating Budget.
- Digital Evidence Management - This \$0.5 million solution 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. Financing will come from debenture proceeds to be repaid over 5 years from the Operating budget.

**Specialized Equipment**

- Specialized equipment of \$0.6 million includes furniture and other equipment for staff and will be paid for from contributions from development charge collections.

**New Projects Added to the 2013 Budget Plan****Facilities**

- Sub-Stations - New for 2013 is a \$1.3 million Whitchurch-Stouffville Sub-Station. While district sub-stations were identified in last year's capital plan, as one line item, separate site specific projects will be identified, as the organization's facilities needs are refined over the coming years. Southwest Sub-Station and Southeast Sub-Station are planned for commencement in 2014 and 2015 respectively. Financing will be through 10 year debentures to be repaid from a combination of development charge contributions, estimated at 73%, and contributions from the Operating Budget.

**Long Term Outlook****Expenditures**

Capital requirements for the next ten years (2013-2022) can be summarized into four main groups with facilities representing 43.6% of needs, vehicles 23.3%, communication equipment 15.3% and information technology (including equipment) 14.7%. As the Region continues to grow, York Regional Police will focus on both the maintenance and growth of its assets, in order to best serve the community of York Region.

**Pressures of 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 \$53.5 million with interest payments of \$26.4 million and program costs for the same period estimated to be \$59.5 million.

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
10 Year Capital Plan 2013 - 2022**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
				2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>GROSS EXPENDITURES</b>																
<b>Tangible Capital Assets</b>																
<b>Rehabilitation/Replacement</b>																
29022	Information Technology Hardware	-	1,768	1,468	1,470	1,470	1,470	1,470	1,470	1,470	1,470	1,470	1,470	1,470	-	16,466
29030	IT Infrastructure and Retention	-	1,133	580	971	1,563	750	750	750	1,077	750	750	750	750	-	9,824
29042	Radio System	-	-	14,000	13,500	-	-	-	-	-	-	-	-	-	-	27,500
29010	Vehicles - Replacement & Additional	-	4,252	4,089	3,807	3,807	3,807	3,807	3,807	3,807	3,807	3,807	3,807	3,807	-	42,604
29033	Renovations to Existing Facilities	-	550	220	250	250	250	250	250	250	250	250	250	250	-	3,020
27730	Marine Patrol Boat	-	500	-	165	-	-	250	-	-	-	-	-	500	-	1,915
27820	Police Helicopter	-	709	437	-	340	250	-	2,825	-	250	-	-	-	-	4,811
	<b>Sub Total Rehabilitation/Replacement</b>	-	<b>8,912</b>	<b>20,794</b>	<b>20,163</b>	<b>7,430</b>	<b>6,527</b>	<b>9,102</b>	<b>6,604</b>	<b>7,027</b>	<b>6,277</b>	<b>6,277</b>	<b>6,777</b>	-	<b>106,140</b>	
<b>Growth/Expansion</b>																
29038	Outfit 3rd Floor - 47 Don Hillcock Drive Aurora	-	500	6,300	200	-	-	-	-	-	-	-	-	-	-	7,000
29040	Training Facility	-	-	750	9,000	8,250	-	-	-	-	-	-	-	-	-	18,000
29041	Whitchurch-Stouffville Sub-Station	-	-	1,300	-	-	-	-	-	-	-	-	-	-	-	1,300
29026	In-Car Video Equipment	-	-	625	450	585	585	450	585	585	585	585	585	585	-	4,315
29028	Portable and Mobile Radio Replacements	-	-	-	-	-	-	500	500	500	500	500	500	500	-	3,000
29010	Vehicles - Replacement & Additional	-	-	-	283	283	283	283	283	283	283	283	283	283	-	2,547
29017	Specialized Equip - Growth Staff	-	445	620	528	450	450	450	450	450	450	450	450	450	-	5,193
29031	#3 District - Marine Headquarters	24	50	1,500	-	-	-	-	-	-	-	-	-	-	-	1,574
27100	#1 District Multi-Functional Facility	-	-	-	-	-	12,000	10,000	10,000	-	-	-	-	-	-	37,000
27400	Southwest Sub-Station	-	-	-	8,000	2,000	-	-	-	-	-	-	-	-	-	10,000
27500	Southeast Sub-Station	-	-	-	-	8,000	2,000	-	-	-	-	-	-	-	-	10,000
	<b>Sub Total Growth/Expansion</b>	<b>24</b>	<b>995</b>	<b>11,095</b>	<b>18,461</b>	<b>19,568</b>	<b>15,318</b>	<b>11,683</b>	<b>11,683</b>	<b>1,818</b>	<b>6,818</b>	<b>1,233</b>	<b>1,233</b>	-	<b>99,929</b>	
<b>Enhancement/Improvement</b>																
29039	Employee Scheduling	-	339	235	-	-	-	450	-	-	-	-	-	-	-	1,024
29023	Specialized Equipment - Investigative Services	-	1,319	-	-	-	-	1,250	-	-	-	-	-	-	-	2,569
29032	Digital Evidence Management System	-	-	450	-	-	-	450	-	-	-	-	-	-	-	900
	<b>Sub Total Enhancement/Improvement</b>	-	<b>1,658</b>	<b>685</b>	-	-	-	<b>2,150</b>	-	-	-	-	-	-	-	<b>4,493</b>
	<b>Total Tangible Capital Assets</b>	<b>24</b>	<b>11,565</b>	<b>32,574</b>	<b>38,624</b>	<b>26,998</b>	<b>21,845</b>	<b>18,210</b>	<b>22,935</b>	<b>8,422</b>	<b>13,845</b>	<b>7,510</b>	<b>8,010</b>	-	<b>210,562</b>	
	<b>TOTAL GROSS EXPENDITURES</b>	<b>24</b>	<b>11,565</b>	<b>32,574</b>	<b>38,624</b>	<b>26,998</b>	<b>21,845</b>	<b>18,210</b>	<b>22,935</b>	<b>8,422</b>	<b>13,845</b>	<b>7,510</b>	<b>8,010</b>	-	<b>210,562</b>	

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
10 Year Capital Plan 2013 - 2022**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	(In \$000's)										Balance to Complete	Estimated Total Project Cost	
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022			
<b>FINANCING SOURCES</b>															
<b>Regional</b>															
Reserve: Current Tax Levy	-	5,763	5,900	6,083	6,200	5,927	5,832	5,822	6,200	5,897	5,802	5,792	-	65,218	
Development Charges	-	325	1,245	1,268	1,268	1,718	1,718	1,718	1,768	1,768	1,268	1,268	-	14,910	
Other Revenues	-	377	3,877	3,880	390	400	410	1,120	420	430	440	450	-	12,194	
Reserve: Debt Reduction Fund	24	675	-	-	-	-	-	-	-	-	-	-	-	699	
Reserve: General Capital	-	-	450	-	-	-	-	-	-	-	-	-	-	450	
<b>Sub Total Regional</b>	<b>24</b>	<b>7,140</b>	<b>11,472</b>	<b>11,259</b>	<b>7,858</b>	<b>7,595</b>	<b>7,960</b>	<b>8,660</b>	<b>8,388</b>	<b>8,095</b>	<b>7,510</b>	<b>7,510</b>	<b>-</b>	<b>93,471</b>	
<b>External</b>															
Grants & Subsidies	-	200	-	-	-	-	-	-	-	-	-	-	-	200	
<b>Sub Total External</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200</b>	
<b>TOTAL AVAILABLE FINANCING</b>	<b>24</b>	<b>7,340</b>	<b>11,472</b>	<b>11,259</b>	<b>7,858</b>	<b>7,595</b>	<b>7,960</b>	<b>8,660</b>	<b>8,388</b>	<b>8,095</b>	<b>7,510</b>	<b>7,510</b>	<b>-</b>	<b>93,671</b>	
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>-</b>	<b>4,225</b>	<b>21,102</b>	<b>27,365</b>	<b>19,140</b>	<b>14,250</b>	<b>10,250</b>	<b>14,275</b>	<b>34</b>	<b>5,750</b>	<b>-</b>	<b>500</b>	<b>-</b>	<b>116,891</b>	
<b>TOTAL FINANCING SOURCES</b>	<b>24</b>	<b>11,565</b>	<b>32,574</b>	<b>38,624</b>	<b>26,998</b>	<b>21,845</b>	<b>18,210</b>	<b>22,935</b>	<b>8,422</b>	<b>13,845</b>	<b>7,510</b>	<b>8,010</b>	<b>-</b>	<b>210,562</b>	
<b>DEBENTURE REPAYMENT SOURCES</b>															
Debenture Proceeds DC	-	362	7,811	13,243	13,363	8,161	5,580	5,580	-	3,661	-	-	-	57,761	
Debenture Proceeds Tax Levy	-	3,863	13,291	14,122	5,777	6,089	4,670	8,695	34	2,089	-	500	-	59,130	
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>-</b>	<b>4,225</b>	<b>21,102</b>	<b>27,365</b>	<b>19,140</b>	<b>14,250</b>	<b>10,250</b>	<b>14,275</b>	<b>34</b>	<b>5,750</b>	<b>-</b>	<b>500</b>	<b>-</b>	<b>116,891</b>	

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
10 Year Financing Sources by Project 2013 - 2022  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debiture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
29038	Outfit 3rd Floor - 47 Don Hillcock Drive Aurora	6,500	-	-	6,500	-	-	-	-
29040	Training Facility	18,000	-	-	18,000	-	-	-	-
29041	Whitchurch-Stouffville Sub-Station	1,300	-	-	1,300	-	-	-	-
29022	Information Technology Hardware	14,698	14,383	-	-	315	-	-	-
29026	In-Car Video Equipment	4,315	340	-	-	3,975	-	-	-
29028	Portable and Mobile Radio Replacements	3,000	-	-	-	3,000	-	-	-
29030	IT Infrastructure and Retention	8,691	7,527	-	1,164	-	-	-	-
29039	Employee Scheduling	685	-	-	685	-	-	-	-
29042	Radio System	27,500	500	-	20,000	-	-	-	7,000
29010	Vehicles - Replacement & Additional	40,899	34,235	-	-	2,547	-	-	4,117
29017	Specialized Equip - Growth Staff	4,748	-	-	-	4,748	-	-	-
29031	#3 District - Marine Headquarters	1,500	-	-	1,500	-	-	-	-
29033	Renovations to Existing Facilities	2,470	2,470	-	-	-	-	-	-
27100	#1 District Multi-Functional Facility	37,000	-	-	37,000	-	-	-	-
27400	Southwest Sub-Station	10,000	-	-	10,000	-	-	-	-
27500	Southeast Sub-Station	10,000	-	-	10,000	-	-	-	-
27730	Marine Patrol Boat	1,415	-	-	1,415	-	-	-	-
27820	Police Helicopter	4,102	-	-	3,402	-	-	-	700
29023	Specialized Equipment - Investigative Services	1,250	-	-	1,250	-	-	-	-
29032	Digital Evidence Management System	900	-	450	450	-	-	-	-
<b>Total Tax Supported</b>		<b>198,973</b>	<b>59,455</b>	<b>450</b>	<b>112,666</b>	<b>14,585</b>	<b>-</b>	<b>-</b>	<b>11,817</b>

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
Capital Spending Authority 2013**

Project Number	Project Name	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015 (In \$000's)	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>GROSS EXPENDITURES</b>											
<b>Tangible Capital Assets</b>											
<b>Rehabilitation/Replacement</b>											
29022	Information Technology Hardware	-	1,768	1,468	-	-	-	-	-	1,468	3,236
29030	IT Infrastructure and Retention	-	1,133	580	-	-	-	-	-	580	1,713
29042	Radio System	-	-	14,000	13,500	-	-	-	-	27,500	27,500
29010	Vehicles - Replacement & Additional	-	4,252	4,089	-	-	-	-	-	4,089	8,341
29033	Renovations to Existing Facilities	-	550	220	-	-	-	-	-	220	770
27730	Marine Patrol Boat	-	500	-	-	-	-	-	-	-	500
27820	Police Helicopter	-	709	437	-	-	-	-	-	437	1,146
	<b>Sub Total Rehabilitation/Replacement</b>	-	<b>8,912</b>	<b>20,794</b>	<b>13,500</b>	-	-	-	-	<b>34,294</b>	<b>43,206</b>
<b>Growth/Expansion</b>											
29038	Outfit 3rd Floor - 47 Don Hillcock Drive Aurora	-	500	6,300	200	-	-	-	-	6,500	7,000
29040	Training Facility	-	-	750	9,000	8,250	-	-	-	18,000	18,000
29041	Whitchurch-Stouffville Sub-Station	-	-	1,300	-	-	-	-	-	1,300	1,300
29026	In-Car Video Equipment	-	-	625	-	-	-	-	-	625	625
29017	Specialized Equip - Growth Staff	-	445	620	-	-	-	-	-	620	1,065
29031	#3 District - Marine Headquarters	24	50	1,500	-	-	-	-	-	1,500	1,574
	<b>Sub Total Growth/Expansion</b>	<b>24</b>	<b>995</b>	<b>11,095</b>	<b>9,200</b>	<b>8,250</b>	-	-	-	<b>28,545</b>	<b>29,564</b>
<b>Enhancement/Improvement</b>											
29039	Employee Scheduling	-	339	235	-	-	-	-	-	235	574
29023	Specialized Equipment - Investigative Services	-	1,319	-	-	-	-	-	-	-	1,319
29032	Digital Evidence Management System	-	-	450	-	-	-	-	-	450	450
	<b>Sub Total Enhancement/Improvement</b>	-	<b>1,658</b>	<b>685</b>	-	-	-	-	-	<b>685</b>	<b>2,343</b>
	Total Tangible Capital Assets	24	11,565	32,574	22,700	8,250	-	-	-	63,524	75,113
	<b>TOTAL GROSS EXPENDITURES</b>	<b>24</b>	<b>11,565</b>	<b>32,574</b>	<b>22,700</b>	<b>8,250</b>	-	-	-	<b>63,524</b>	<b>75,113</b>

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
Capital Spending Authority 2013**

	Actual Spent to Dec 31/2011	2012 Year End Forecast	2013	2014	2015	2016	2017	Balance to Complete (2018-2022)	Total Capital Spending Authority	Estimated Total Project Cost
<b>FINANCING SOURCES</b>										
<b>Regional</b>										
Reserve: Current Tax Levy	-	5,763	5,900	-	-	-	-	-	5,900	11,663
Development Charges	-	325	1,245	-	-	-	-	-	1,245	1,570
Other Revenues	-	377	3,877	3,500	-	-	-	-	7,377	7,754
Reserve: Debt Reduction Fund	24	675	-	-	-	-	-	-	-	699
Reserve: General Capital	-	-	450	-	-	-	-	-	450	450
<b>Sub Total Regional</b>	<b>24</b>	<b>7,140</b>	<b>11,472</b>	<b>3,500</b>	-	-	-	-	<b>14,972</b>	<b>22,136</b>
<b>External</b>										
Grants & Subsidies	-	200	-	-	-	-	-	-	-	200
<b>Sub Total External</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200</b>
<b>TOTAL AVAILABLE FINANCING</b>	<b>24</b>	<b>7,340</b>	<b>11,472</b>	<b>3,500</b>	-	-	-	-	<b>14,972</b>	<b>22,336</b>
<b>TOTAL DEBTENTURE REQUIREMENTS</b>	<b>-</b>	<b>4,225</b>	<b>21,102</b>	<b>19,200</b>	<b>8,250</b>	-	-	-	<b>48,552</b>	<b>52,777</b>
<b>TOTAL FINANCING SOURCES</b>	<b>24</b>	<b>11,565</b>	<b>32,574</b>	<b>22,700</b>	<b>8,250</b>	-	-	-	<b>63,524</b>	<b>75,113</b>
<b>DEBTENTURE REPAYMENT SOURCES</b>										
Debtenture Proceeds DC	-	362	7,811	7,385	6,041	-	-	-	21,237	21,599
Debtenture Proceeds Tax Levy	-	3,863	13,291	11,815	2,209	-	-	-	27,315	31,178
<b>Total Debtenture Requirements</b>	<b>-</b>	<b>4,225</b>	<b>21,102</b>	<b>19,200</b>	<b>8,250</b>	-	-	-	<b>48,552</b>	<b>52,777</b>

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
2013 Capital Spending Authority Financing Sources by Project  
(In \$000's)**

Project Number	Project Name	Capital Project Total	Tax Levy - Reserves	Reserves	Debture Proceeds	Development Charges	Grants & Subsidies	User Rates	Other Recoveries
29038	Outfit 3rd Floor - 47 Don Hillcock Drive Aurora	6,500	-	-	6,500	-	-	-	-
29040	Training Facility	18,000	-	-	18,000	-	-	-	-
29041	Whitchurch-Stouffville Sub-Station	1,300	-	-	1,300	-	-	-	-
29022	Information Technology Hardware	1,468	1,468	-	-	-	-	-	-
29026	In-Car Video Equipment	625	-	-	-	625	-	-	-
29030	IT Infrastructure and Retention	580	-	-	580	-	-	-	-
29039	Employee Scheduling	235	-	-	235	-	-	-	-
29042	Radio System	27,500	500	-	20,000	-	-	-	7,000
29010	Vehicles - Replacement & Additional	4,089	3,712	-	-	-	-	-	377
29017	Specialized Equip - Growth Staff	620	-	-	-	620	-	-	-
29031	#3 District - Marine Headquarters	1,500	-	-	1,500	-	-	-	-
29033	Renovations to Existing Facilities	220	220	-	-	-	-	-	-
27820	Police Helicopter	437	-	-	437	-	-	-	-
29032	Digital Evidence Management System	450	-	450	-	-	-	-	-
<b>Total Tax Supported</b>		<b>63,524</b>	<b>5,900</b>	<b>450</b>	<b>48,552</b>	<b>1,245</b>	<b>-</b>	<b>-</b>	<b>7,377</b>



**2013 Business Plan and Budget  
Police Services  
York Regional Police  
2014 Incremental Capital Spending Authority**

Project Number	Project Name	(In \$000's)										Balance to Complete (2023 +)	Total Capital Spending Authority	
		2014	2015	2016	2017	2018	2019	2020	2021	2022				
<b>GROSS EXPENDITURES</b>														
<b>2014 Capital Spending Authority</b>														
29022	Information Technology Hardware	1,470	-	-	-	-	-	-	-	-	-	-	-	1,470
29026	In-Car Video Equipment	450	-	-	-	-	-	-	-	-	-	-	-	450
29030	IT Infrastructure and Retention	971	-	-	-	-	-	-	-	-	-	-	-	971
29010	Vehicles - Replacement & Additional	4,090	-	-	-	-	-	-	-	-	-	-	-	4,090
29017	Specialized Equip - Growth Staff	528	-	-	-	-	-	-	-	-	-	-	-	528
29033	Renovations to Existing Facilities	250	-	-	-	-	-	-	-	-	-	-	-	250
27400	Southwest Sub-Station	8,000	2,000	-	-	-	-	-	-	-	-	-	-	10,000
27730	Marine Patrol Boat	165	-	-	-	-	-	-	-	-	-	-	-	165
	<b>Total 2014 Incremental Capital Spending Authority</b>	<b>15,924</b>	<b>2,000</b>	-	-	-	-	-	-	-	-	-	-	<b>17,924</b>
<b>Cumulative 2014 Capital Spending Authority</b>														
	<b>2013 Capital Spending Authority</b>	<b>22,700</b>	<b>8,250</b>	-	-	-	-	-	-	-	-	-	-	<b>30,950</b>
	<b>Incremental 2014 Capital Spending Authority</b>	<b>15,924</b>	<b>2,000</b>	-	-	-	-	-	-	-	-	-	-	<b>17,924</b>
	<b>Proposed 2014 Cumulative Capital Spending Authority</b>	<b>38,624</b>	<b>10,250</b>	-	-	-	-	-	-	-	-	-	-	<b>48,874</b>

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
2014 Incremental Capital Spending Authority**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	Balance to Complete (2023+)	Total Capital Spending Authority
(In \$000's)											
<b>FINANCING SOURCES</b>											
<b>Regional</b>											
Reserve: Current Tax Levy	6,083	-	-	-	-	-	-	-	-	-	6,083
Development Charges	1,296	-	-	-	-	-	-	-	-	-	1,296
Other Revenues	380	-	-	-	-	-	-	-	-	-	380
<b>Sub Total Regional</b>	<b>7,759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,759</b>
<b>External</b>											
<b>TOTAL AVAILABLE FINANCING</b>	<b>7,759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,759</b>
<b>TOTAL DEBENTURE FINANCING REQUIREMENTS</b>	<b>8,165</b>	<b>2,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,165</b>
<b>TOTAL FINANCING SOURCES</b>	<b>15,924</b>	<b>2,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,924</b>
<b>DEBENTURE REPAYMENT SOURCES</b>											
Debenture Proceeds DC	5,858	1,464	-	-	-	-	-	-	-	-	7,322
Debenture Proceeds Tax Levy	2,307	536	-	-	-	-	-	-	-	-	2,843
<b>TOTAL DEBENTURE REQUIREMENTS</b>	<b>8,165</b>	<b>2,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,165</b>

**2013 Business Plan and Budget**  
**Police Services**  
**York Regional Police**  
**2014 Incremental 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
29022	Information Technology Hardware	1,470	1,435	-	-	35	-	-	-
29026	In-Car Video Equipment	450	-	-	-	450	-	-	-
29030	IT Infrastructure and Retention	971	971	-	-	-	-	-	-
29010	Vehicles - Replacement & Additional	4,090	3,427	-	-	283	-	-	380
29017	Specialized Equip - Growth Staff	528	-	-	-	528	-	-	-
29033	Renovations to Existing Facilities	250	250	-	-	-	-	-	-
27400	Southwest Sub-Station	10,000	-	-	10,000	-	-	-	-
27730	Marine Patrol Boat	165	-	-	165	-	-	-	-
<b>Total Tax Supported</b>		<b>17,924</b>	<b>6,083</b>	<b>-</b>	<b>10,165</b>	<b>1,296</b>	<b>-</b>	<b>-</b>	<b>380</b>

**2013 Business Plan and Budget  
Police Services  
York Regional Police  
Net Operating Impact of Capital Projects 2013 - 2022**

(in \$000's)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Expenditures</b>										
Financing Costs	251	2,815	2,593	2,081	1,247	964	1,104	25	(60)	(4)
<b>Total Expenditures</b>	<b>251</b>	<b>2,815</b>	<b>2,593</b>	<b>2,081</b>	<b>1,247</b>	<b>964</b>	<b>1,104</b>	<b>25</b>	<b>(60)</b>	<b>(4)</b>
<b>Revenues</b>										
Development Charges	111	1,061	882	1,140	612	702	380	93	5	(26)
<b>Total Revenues</b>	<b>111</b>	<b>1,061</b>	<b>882</b>	<b>1,140</b>	<b>612</b>	<b>702</b>	<b>380</b>	<b>93</b>	<b>5</b>	<b>(26)</b>
<b>Total Net Impact on Tax Levy</b>	<b>140</b>	<b>1,754</b>	<b>1,711</b>	<b>941</b>	<b>635</b>	<b>262</b>	<b>724</b>	<b>(68)</b>	<b>(65)</b>	<b>22</b>

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